इंडियन ऑयल कॉर्पोरेशन लिमिटेड
पारादीप रिफाइनरी
डाकघर : झिमानी, भाया : कुजंग, जिला : जगतसिंहपुर, ओड़िशा-754141

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रिफाइनरीज प्रभाग
Refineries Division

Ref: PDR/HSE/HC/MOEFCC/2025-26/001

Date: 29-11-2025

To,
Deputy Director General of Forests,
Ministry of Environment, Forest and Climate Change,
Integrated Regional Office,
A/3, Chandersekharpur, Bhubaneswar – 751023
Email: roez.bsr-mef@nic.in

Subject: Half Yearly Compliance Report of ECs issued to IOCL, Paradip Refinery

Dear Sir,

Please find enclosed the Half Yearly Compliance Report of the following ECs for period **Apr'25 – Sep'25**.

1. Compliance Status for Environment Clearance for Grass Root Refinery-cum Petrochemical Complex of 15 MMTPA at Paradip (Letter F.No.J-11011/70/2007-1A II (I) dated 06thJul, 2007) is enclosed as **Annexure-A.**

2. Compliance Status for CRZ Clearance for laying of Storm Water Outfall Pipelines to sea for Paradip Refinery Project. (Letter F. No.11-86/2011-IA III dated 21st Feb'2012) is enclosed as **Annexure-B**.

3. Compliance Status for CRZ Clearance for laying of pipeline from Paradip Refinery to South Oil Jetty at Paradip Port, Odisha (Letter F. No. 11-33/2013-IA III, Government of India, Ministry of Environment & Forests (IA Division), Dated 19th Sep'2013) is enclosed as **Annexure-C**.

4. Compliance Status for CRZ Clearance for 'Pet Coke Evacuation Project' for Paradip Refinery in District Jagatsinghpur (Odisha) by Indian Oil Corporation Ltd – CRZ Clearance - reg. issued by Ministry of Environment and Forest (MoEF) (Letter no. F. No. 11-30/2015-IA.III dated 11th Feb'2016) enclosed as **Annexure-D.**

5. Compliance Status for EC and CRZ Clearance for "Installation Ethylene Recovery Unit, Mono Ethylene Glycol Unit and BS-VI facility by M/s Indian Oil Corporation Ltd (IOCL) at Paradip Refinery cum Petrochemical Complex, village Abhayachandrapur, Tehsil Kujang, District Jagatsinghpur (Odisha) – Environmental and CRZ Clearance - reg. issued by Ministry of Environment and Forest (MoEF) (Letter no. F. No. J-11011-344/2016-IA-II (I) dated 11th Oct' 2018) enclosed as **Annexure-E.**

6. Compliance Status for EC and CRZ Clearance for "Integrated Para-Xylene & Purified Terephthalic Acid (PTA) Project within existing Refinery complex by M/s. Indian Oil Corporation Limited, Paradip Refinery located at S.F. No-218, Abhayachandrapur Village, Jagatsinghpur District, Odisha State" reg. issued by Ministry of Environment and Forest (MoEF) (Letter no. F. No. J-11011/395/2012-IA-II (I) dated 9th Aug 2021) enclosed as **Annexure-F.**

Thanking you,
With regards

(S Vijay Kumar)
Deputy General Manager (H,S&E)
IOCL Paradip Refinery

Enclosures: As above

Copy to:

1. The Member Secretary, Odisha Pollution Control Board, Paribesh Bhawan, A/118, Neelkanthanagar, Unit-8, Bhubaneshwar - 751012, Orissa.

ANNEXURES

Annexures	Description
Annexure-1	Compliance report of EC OM No.J-11011/26/1997-IA-II dated 24th December, 1997.
Annexure- A to F	Compliance report of CRZ & ECs issued to Paradip Refinery from 2007 onward
Annexure-2	Stack Emission Report
Annexure-3	NHMC & Benzene monitoring Report
Annexure-4	VOC monitoring report
Annexure-5	Ambient Air quality report
Annexure-6	Sulphur Balance
Annexure-7	LDAR Report
Annexure-8	Treated effluent water quality report
Annexure-9	Ground water quality report
Annexure-10	Occupational Health report
Annexure-11	Marine water quality report
Annexure-12	Noise survey report
Annexure-13	Soil analysis report
Annexure-14	Forest clearance

Annexure-1

Compliance report of EC OM No. J-11011/26/1997-IA-II dt. 24th Dec'1997

Annexure-1

Sub: Compliance Status for Environment Clearance of Grass Root Petroleum Refinery for processing 9.0 MMTPA crude including LPG dispatch facility and associated marine facilities, namely SPM, jetty and crude product pipeline at Abhayachandrapur, District Jagatsinghpur, Orissa of M/s Indian oil Corporation Ltd (Letter F.No.J-11011/26/97-1A II (I) dated 24th Dec, 1997) for Apr'25 to Sept'25

Note: The project was deferred as withdrawal of tax incentives from Govt. of Orissa and viability of the project affected. Later, the capacity is revised to 15 MMTPA for improving economic viability after agreement with Govt. of Orissa on tax incentives. Accordingly, DFR prepared with revised project details and EC obtained in 2007 (F.No. J-11011/70/2007-IA. II (I)).

S. NO.	CONDITION	STATUS
A.	**SPECIFIC CONDITIONS:**	
i.	The total land earmarked for refinery involves around 70 acres of forest land. Diversion of forest land and any construction work in forest area shall not be taken up till forestry clearance is obtained under Forest (Conservation) Act, 1980.	Complied. Forest clearance attached as **Annexure-14.**
ii.	The total SO_2 emission from the refinery shall not exceed 1000 kg/hr (max.). The gaseous emission from various process units including IGCC unit should conform to the standards prescribed under Environment (Protection) Rules, 86 or norms stipulated by the SPCB whichever is more stringent. At no time, the emission level should go beyond the stipulated standards. In the event of failure of pollution control system (s) adopted by the unit, the respective unit should not be restarted until the control measures are rectified to achieve the desired efficiency.	Complied with. SO2 emission in kg/hr being calculated on monthly basis. Stack Report attached as **Annexure-2**. Sulphur Balance attached as **Annexure-6.**
iii.	Sulphur Recovery Units with more than 99% efficiency shall be provided.	Sulphur Recovery Units with overall efficiency of >99% has been commissioned.
iv.	A minimum of 7 ambient air quality monitoring stations (SO_2, NO_x and HC) should be set up in the refinery area in consultation with SPCB, based on occurrence of maximum ground level concentration and down wind direction of wind as well as in the direction of Betelvine plantations. The monitoring network must be decided based on modelling exercise to represent short term GLCs. In addition, a mobile van with adequate facilities to monitor ambient air quality outside the refinery premises should be provided.	7 nos. of Ambient Air Quality Monitoring (AAQM) stations were set up based on the modelling exercise conducted under the Comprehensive EIA Study Continuous monitoring in all the 7 monitoring stations already implemented. On-line data transmission to OSPCB/CPCB server is already done. A dedicated mobile ambient air quality monitoring van is in place for monitoring of ambient air quality. Ambient Air quality monitoring report attached as **Annexure-5**
v.	Data on ambient air quality and stack emissions as well as fugitive emissions of HC from product storage tank yard, crude oil tanks etc. must be regularly monitored and submitted to CPCB/SPCB regularly once in 3 months and to Ministry (Regional Office, Bhubaneswar) once in 6 months.	Being Complied. Ambient Air quality attached as **Annexure-5** Stack Report attached as **Annexure-2** Fugitive emission in tankage area is enclosed as **Annexure-4.**

S. NO.	CONDITION	STATUS
vi.	Liquid effluents generated from the refinery should be treated comprehensively to conform to the load-based standards and concentration limits prescribed under EPA rules.	State-of-the-art effluent treatment plant has been commissioned to treat industrial effluent as well as domestic sewage with maximum recycle facility. Balance treated effluent confirming to prescribed limits is being discharged to the sea through a pipeline of about 3 km from low tide line. Treated effluent quality report attached as **Annexure-8.**
vii.	In consultation with SPCB, adequate number of influent and effluent quality monitoring stations have to be planned. As recommended by NIO and approved by SPCB, the treated effluent shall be discharged at a distance of 3 km from the low tide line into the sea. The process effluent generated and discharged shall not exceed 8400 m3/day by incorporating maximum recycling and water conservation measures as per EMP. Regular monitoring of the effluent (Industrial/domestic and others) quality should be carried out and monitored data submitted quarterly to CPCB/SPCB and half yearly to Ministry (Regional Office, Bhubaneswar).	ETP Treated effluent after recycling is being discharged to the sea through a pipeline of about 3 km from low tide line. Treated effluent quality and flow are regularly monitored. On-line data transmission to OSPCB/CPCB server is already being done. Treated effluent quality report attached as **Annexure-8.** Treated Effluent Flow data attached as **Annexure-8.**
viii.	Guard ponds of sufficient holding capacity should be provided to contain the effluent during process disturbances and or ETP failure. The concerned units must be shut down in cases of effluent quality exceeding prescribed limits.	Complied. ETP Treated water is stored in separate ponds and in case of any upset, the same can be reprocessed again in ETP till the quality complies with prescribed limits.
ix.	Detailed Risk Analysis of the Refinery and associated facilities must be done once the engg. design and layout is frozen. Based on this, on-site and off-site emergency preparedness plan must be prepared. Approval from the nodal agency must be obtained before commissioning the project.	Complied. Paradip Refinery fully implemented all the conditions stipulated in EIA and Risk Assessment reports. Complied. On-site and off-site preparedness plans of Paradip Refinery is in place. Emergency Response and Disaster management Plan (ERDMP) has been approved by MoP&G On-site emergency plan is approved by Director of Factories and Boiler. Off-site plan is incorporated in District Emergency Plan.
x.	The project involves displacement of around 584 people. The R&R of project affected population shall be carried out as per the State Govt. guidelines prepared in consultation with the affected people. It is the responsibility of the State Govt. and Project Authority to see that adequate compensation and relief are provided to the affected population in a time bound fashion as per	Complied.

S. NO.	CONDITION	STATUS
	agreed norms. IOC also must consider adopting certain villages in the area and contribute to peripheral developments. A progress report on the R&R must be submitted to Ministry (Regional office), Bhubaneswar every 6 months.	
xi.	The dredging of Jatadhar Mohan River mouth for meeting the requirement of fill material (for raising the level of project site) as recommended by NIO and State Govt. must be conducted with no disturbance to the sand bars ad it must be ensured that the dredging is done within the LTLs from either side of river bank. For this IOC must firm up the scheme of dredging in consultation with NIO. Also, NIO must monitor the river/creek ecology including quality of water on a continuous/regular basis.	Complied.
xii.	IOC and State Govt. must strictly ensure that the guidelines and regulations contained in the approved CZMP of Orissa are adhered to w.r.t. Santra Creek, Jatadhar Mohan River, sea front and other surface water streams, if any, while taking up project related activities including Refinery, LPG storage, marine facilities laying of crude/product pipelines etc. All the conditions stipulated by the Odisha Coastal Zone Management Authority (OCZMA) shall be complied with.	Complied.
xiii.	A drainage pattern study of the region has to be carried out in view of large scale land-filling involved. As informed by IOC, the study has already been initiated by Water Resources Department, Government of Orissa. The study report must be submitted to the Ministry for its review. IOC must implement the action plans and recommendations in order to mitigate adverse impacts on the drainage aspects of the region.	Complied.
xiv.	The laying of submarine pipelines to the SPM should avoid the season when Ridley turtles frequent the coast.	Complied. Point was taken care. No construction work was done during the breeding season of olive Ridely turtles.
xv.	An oil spill contingency plan must be drawn up by IOC in consultation with Coast Guard to combat any oil spills around SPM, before commencement of operations. A copy of the plan must be submitted to the Ministry.	Complied. Oil spill contingency plan for SPM facility is in place.
xvi.	The marine facilities including SPM, jetty etc. must be provided with full-fledged firefighting set up etc. as prescribed by the competent authority dealing with such port establishments.	Complied.

S. NO.	CONDITION	STATUS
B.	**GENERAL CONDITIONS:**	
i.	The Ministry reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the Ministry.	Noted
ii.	The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act 1974, the Air (Prevention and Control of Pollution) Act 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991, the Coastal zone regulation Notification of February 1991 and amendments thereof.	Noted
C.	**ANNEXURE-I Conditions**	
1.	The project authorities must strictly adhere to the stipulations made by the State Government and the State Pollution Control Board.	Noted for compliance.
2.	No expansion or modification of the project can be undertaken without prior approval of the Ministry.	Noted for compliance.
3.	In case of deviations or alterations in the project proposed from those submitted to this Ministry for clearance, a fresh reference should be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any	Noted for Compliance.
4.	The project authorities must strictly comply with the rules and regulations under Manufacture, Storage and Import of Hazardous Chemicals Rules 1989 as amended on 3rd October 1994. Prior approvals from Chief Inspectorate of Factories, Chief Controller of Explosives, Fire Safety Inspectorate etc. must be obtained.	Complied. All required licenses obtained from Competent Authorities.
5.	The project authorities must strictly comply with the rules and regulations with regard to handling and disposal of hazardous wastes in accordance with the Hazardous Wastes (Management and Handling) Rules, 1989. Authorization from the State Pollution Control Board must be obtained for collections/ treatment/ storage/ disposal of hazardous wastes.	Complied. HW authorization obtained from OSPCB vide Ref no. IND-IV-HW-930/9421 dated 16-05-2025 with a validity till 31-03-2027.
6.	Occupational Health Surveillance programme should be undertaken as regular exercise for all employees, specifically for those engaged in handling hazardous substances.	Complied with. OHC Report attached as **Annexure-10.**
7.	The green belt of adequate width and density should be developed using native plant species, within and around plant premises in consultation with State Forest	Complied with Greenbelt has been developed in an area of 580 acres with the help of Orissa Forest Development Corporation Ltd. (OFDCL).

S. NO.	CONDITION	STATUS
	Department. A norm of 2000-2500 plants per ha. may be followed. As indicated in the EMPs supplementary data, a minimum of 580 acres shall be brought under green belt.	5,95,000 trees have been planted around the refinery area and approx. Approx. 1,20,000 trees have been planted in the township. Every year, Paradip Refinery is doing plantation in and around Refinery. Till date approximately 9,51,280 trees have been planted.
8.	A separate environmental management cell equipped with full-fledged laboratory facilities must be set up to carry out the environmental management and monitoring functions.	Complied. Dedicated Environment Management Cell headed by Chief General Manager-HSE exists in the Refinery to take care of all the environmental issues along with a dedicated Environmental monitoring laboratory to take care of all the environmental monitoring functions.
9.	Adequate financial provision should be made for time bound implementation of environment management plan and other measures. The funds earmarked for the environmental management and safeguard measures should not be diverted for other purposes and details giving year wise and itemise expenditure must be reported to the Ministry.	Being complied.
10.	The implementation of the project vis-à-vis environmental action plans will be monitored by Ministry's Regional Office at Bhubaneswar / State Pollution Control Board / Central pollution Control Board. A six-monthly compliance status report should be submitted to monitoring agencies.	Being complied.



1. **Annexure-A**: Compliance Status for Environment Clearance for Grass Root Refinery-cum Petrochemical Complex of 15 MMTPA at Paradip (Letter F.No.J-11011/70/2007-1A II (I) dated 06thJul, 2007).

2. **Annexure-B:** Compliance Status for CRZ Clearance for laying of Storm Water Outfall Pipelines to sea for Paradip Refinery Project. (Letter F. No.11-86/2011-IA III dated 21st Feb'2012).

3. **Annexure-C:** Compliance Status for CRZ Clearance for laying of pipeline from Paradip Refinery to South Oil Jetty at Paradip Port, Odisha (Letter F. No. 11-33/2013-IA III, Government of India, Ministry of Environment & Forests (IA Division), Dated 19th Sep'2013) is enclosed as.

4. **Annexure-D:** Compliance Status for CRZ Clearance for 'Pet Coke Evacuation Project' for Paradip Refinery in District Jagatsinghpur (Odisha) by Indian Oil Corporation Ltd – CRZ Clearance - reg. issued by Ministry of Environment and Forest (MoEF) (Letter no. F. No. 11-30/2015-IA.III dated 11th Feb'2016).

5. **Annexure-E:** Compliance Status for EC and CRZ Clearance for "Installation Ethylene Recovery Unit, Mono Ethylene Glycol Unit and BS-VI facility by M/s Indian Oil Corporation Ltd (IOCL) at Paradip Refinery cum Petrochemical Complex, village Abhayachandrapur, Tehsil Kujang, District Jagatsinghpur (Odisha) – Environmental and CRZ Clearance - reg. issued by Ministry of Environment and Forest (MoEF) (Letter no. F. No. J-11011-344/2016-IA-II (I) dated 11th Oct' 2018).

6. **Annexure-F:** Compliance Status for EC and CRZ Clearance for "Integrated Para-Xylene & Purified Terephthalic Acid (PTA) Project within existing Refinery complex by M/s. Indian Oil Corporation Limited, Paradip Refinery located at S.F. No-218, Abhayachandrapur Village, Jagatsinghpur District, Odisha State" reg. issued by Ministry of Environment and Forest (MoEF) (Letter no. F. No. J-11011/395/2012-IA-II (I) dated 9th Aug 2021).

IOCL, Paradip Refinery cum Petrochemicals Complex

Subject: EC CRZ - Compliance Status Report

Annexure-A

Name of Project	:	Grass Root Refinery-cum-Petrochemical Complex of 15 MMTPA at Paradip, Odisha
Clearance Letter(s) No. & Date	:	F.No.J-11011/70/2007-1A II (I) dated 06th July, 2007
Period of Compliance Report	:	Apr'25 to Sep'25

S. No.	CONDITION	STATUS	REMARKS
A.	**SPECIFIC CONDITIONS:**		
i.	The company shall ensure strict implementation/ compliance to the stipulations made by MOEF vide OM No. J-11011/26/1997-IA-II dated 24th December 1997.	Complied	All stipulations are complied. Compliance report attached as **Annexure-1**
ii.	The gaseous emissions (SO_2, NO_x, CO, NMHC & Benzene) from the various process units shall conform to the standards prescribed under the Environment (Protection) Rules, 1986 or norms stipulated by the SPCB whichever is more stringent. At no time, the emission level shall go beyond the stipulated standards. In the event of failure of pollution control system(s) adopted by the unit, the respective unit should not be restarted until the control measures are rectified to achieve the desired efficiency.	Complied	Stack emission being monitored for adherence to the MoEF notification dated 18th March'2008. Stack Reports attached as **Annexure-2** NHMC and Benzene monitoring Report attached as **Annexure-3**

S. No.	CONDITION	STATUS	REMARKS
iii.	Ambient air monitoring stations, [SPM, SO_2, NO_x and NMHC, Benzene] shall be set up in the refinery complex in consultation with SPCB, based on occurrence of maximum ground level concentration and down-wind direction of wind. The monitoring network must be decided based on modelling exercise to represent short term GLCs. Continuous on-line stack monitoring equipment shall be installed for measurement of SO_2 and NO_x. Data on VOC shall be monitored and submitted to the SPCB/ Ministry.	Complied	7 nos. of Ambient Air Quality Monitoring (AAQM) stations were set up based on the modelling exercise conducted under the Comprehensive EIA Study Continuous monitoring in all the 7 monitoring stations already implemented. On-line data transmission to OSPCB/CPCB server is already done. Continuous monitoring in all stacks already implemented. On-line data transmission to OSPCB/CPCB server is already done. VOC monitoring being done at various locations of the Refinery. VOC Reports attached as **Annexure-4.** Ambient Air quality attached as **Annexure-5.** Stack report attached as **Annexure-2.**
iv.	The total SO_2 emission from the refinery complex shall not exceed 1000 kg/hr after fully stabilizing of the expansion and modernization of the refinery complex and upgrading the existing facilities.SO_2 emission report may be made on daily basis for all the stacks (fuel burning and process emissions through the computerized mechanism). Further, regular monitoring of stacks every fortnight must also be carried out to cross check the data obtained from computerized monitoring by engaging a reputed organization. In addition, a monthly sulphur balance statement indicating type of fluid, its S – content, product S - content, SO2 emission etc. may be made. Daily, fortnightly and monthly reports generated as above shall be sent to the SPCB and MOEF.	Complied	SO_2 emission in kg/hr being calculated monthly basis. Stack Report attached as **Annexure-2**. Sulphur Balance attached as **Annexure-6.**
v.	All the Sulphur Recovery Units shall have overall efficiency of 99.9%.	Complied	Sulphur Recovery Units with overall efficiency of 99.9% has been commissioned.

S. No.	CONDITION	STATUS	REMARKS
vi.	Ultra Low – NO_x burners shall be provided in the new furnaces to avoid excessive formation of NO_x.	Complied	Ultra Low NOx burners installed in major fired heaters.
vii.	Company shall install online SO_2 and NO_x analysers in all the stacks of the refinery.	Complied	On-line SO_2 and NO_x analysers installed in all the stacks of the refinery. Data being reflected in OSPCB/CPCB RTDAS.
viii.	Fugitive emissions of HC from product storage tank farms etc. must be regularly monitored. Sensors for detecting HC leakage shall be provided at strategic locations. Necessary measures shall be adopted so as to ensure that the NMHC levels outside the refinery complex premises do not exceed prescribed limits. Monitored data shall be submitted to OPCB / CPCB every three months and to Ministry of Environment & Forests every six months.	Complied	HC detectors installed in strategic locations of the tankage area. Fugitive emission in tankage area is attached as **Annexure-7.**
ix.	For control of fugitive emissions, the company shall augment route all unsaturated hydrocarbons to the flare system in addition to the existing flare system. All the pumps and other equipment where there is a likelihood of HC leakages shall be provided with LEL indicators and also provide for immediate isolation of such equipment, in case of a leakage. The company shall adopt Leak Detection and Repair (LDAR) programme for quantification and control of fugitive emissions.	Complied	To safeguard process units during emergency, flare system is installed for complete combustion of hydrocarbon before releasing to atmosphere. All the pumps and other equipment where there is a likelihood of HC leakages has been provided with gas detectors and has been provided with provision for immediate isolation of such equipment, in case of a leakage. HC detectors are installed in strategic locations throughout the Refinery complex. LDAR programme is carried out and reports attached as **Annexure-7**.
x.	All the stacks shall be of appropriate design and height shall be attached to pollution control systems, wherever necessary. All stacks in the complex must meet the minimum stack height criteria as prescribed in the Environment Protection emissions.	Complied	The minimum stack height designed as per the following: $H = 14\ Qg^{0.3}$ H = Height of stack in meters Qg = Quantity of SO_2 emission in kg/hr All the major stacks are of height more than 60 m and tallest height is that of flare, around 131 m.

S. No.	CONDITION	STATUS	REMARKS
xi.	All new standards/ norms which are being proposed by CPCB for refinery projects/ petrochemical units shall be applicable for the proposed expansion and modernization of the petrochemical refinery complex. These standards shall be incorporated into the detail designs for the proposed expansion and modernization. The existing refinery complex shall also be upgraded to the new above mentioned emission standards.	Complied	The Refinery in its design has incorporated the updated environment standard issued on 18th March'2008 for emission & discharge and 18th November'2009 for Ambient Air Quality.
xii.	Ground water shall not be tapped for construction, industrial or domestic uses including the township.	Complied	Ground water is not being tapped for construction, industrial or domestic uses including the township at Paradip Refinery.
xiii.	Liquid effluents shall be treated to conform to the standards stipulated by CPCB / Ministry of Environment & Forests under EPA 1986 and also the new norms being specified. Treated effluent will be recycled and reused. The treated effluent shall be discharged into the sea through a pipeline of about 3 km from low tide line. The domestic effluent after treatment and conforming to the prescribed standards shall be used for greenbelt development.	Complied	State-of-the-art effluent treatment plant has been commissioned to treat industrial effluent as well as domestic sewage with maximum recycle facility. Balanced treated effluent after recycle being discharged to the sea through a pipeline of about 3 km from low tide line. Treated effluent water quality report attached as **Annexure-8.**
xiv.	The company shall undertake monitoring of the groundwater quality at the locations as suggested by the Central Ground Water Board. Monitoring results of the same shall be submitted to the OPCB/CPCB and MOEF.	Complied	Ground water monitoring being carried out in the Refinery. Ground water quality monitoring report attached as **Annexure-9**.
xv.	M/s IOCL shall undertake rainwater harvesting measures to recharge the ground water in the area in consultation with Central Ground Water Board and Orissa Pollution Control Board.	Complied	Two storm water reservoirs (Capacities: 2,96,000 KL and 3,13,000 KL) have been developed to store rainwater in monsoon in the Refinery premises. Also, storm water collection pond of capacity @ 470000 KL has been developed in Ecological Park. A study has been conducted for rainwater harvesting at PDR, however since water table is very high at PDR, no rainwater harvesting suggested in the report.
xvi.	Green belt shall be raised in 580 acre area as per CPCB guidelines.	Complied	Greenbelt has been developed in an area of 580 acres with the help of Orissa Forest Development Corporation Ltd. (OFDCL).

S. No.	CONDITION	STATUS	REMARKS
			5,95,000 trees have been planted around the refinery area and approx. 1,20,000 trees have been planted in the township. Every year, Paradip Refinery is doing plantation in and around Refinery. Till date approximately 9,51,280 trees have been planted
xvii.	Occupational Health Surveillance of the employees and workers shall be done on a regular basis and records maintained as per the Factories Act.	Complied	Occupational Health Report attached as **Annexure-10.**
xviii.	The marine water quality shall be regularly monitored for the water quality (temperature, petroleum hydrocarbons, phenols, sulphides, total organic carbon), sediment quality (trace elements, petroleum hydrocarbons, TOC and sediment size) and biological parameters (primary productivity, benthos, fish quality and growth, biomass, phytoplankton and zooplankton).	Complied	Marine water quality is being monitoring through MoEFCC recognised TPIA, quarterly. Marine water quality monitoring Report attached as **Annexure-11.**
xix.	The design, material of construction, assembly, inspection, testing and safety aspects of operation and maintenance of pipeline and transporting the oil shall be governed by ASME/ANSI B31.8/B31.4 and OISD standard 141.	Complied	The Refinery complies to the relevant standards
xx.	The project authorities should install SCADA system with dedicated optical fibre-based telecommunication link for safe operation of pipeline and Leak Detection System. Intelligent pigging facility should be provided for the entire pipeline system for internal corrosion monitoring. Coating and impressed current cathodic protection system should be provided to prevent external corrosion.	Complied	Online detection of leak in the pipeline is through Optical fibre cable and is installed in South Oil jetty pipelines. Intelligent pigging is done for the facility pipeline system for internal corrosion monitoring. Cathodic protection system is provided for all underground pipelines to prevent external corrosion.
xxi.	The project authorities shall patrol and inspect the pipeline regularly for detection of faults as per OISD guidelines and continuous monitoring of pipeline operation by adopting non-destructive method(s) of testing as envisaged in the EMP.	Complied	Regular patrolling is being done for the SOJ and Marketing pipelines.

S. No.	CONDITION	STATUS	REMARKS
	Pearson survey and continuous potential survey should be carried out at regular intervals to ensure the adequacy of cathodic protection system.		CAT & DCVG survey has been carried out within 05 years of commissioning of the lines (i.e., in 2021) as per OISD-138 guidelines by adopting non-destructive method(s).
xxii.	The solid waste shall be disposed of in secured landfill facility within the refinery. The spent catalyst and incinerated sludge will be stored in segregated manner in the secured landfill area. Tank bottom sludge from refinery operation shall be put to oil recovery system and the residual sludge will be incinerated. The incinerated sludge ash shall be stored in secured landfill inside refinery. Bio sludge shall be stored in drying pit for natural weathering and then used as manure inside refinery premises.	Complied	Melting pit has been constructed to recover oil from tank bottom sludge and Incinerator has been installed to burn the residual sludge. SLF has been constructed to dispose the incinerated ash. All facilities are in working conditions. Also tank bottom sludge (oil content less than 10%) after recovery of oil being disposed through SPCB approved vendors. In ETP, sludge drying bed is constructed for drying of bio sludge and is used as Manure in refinery plants
xxiii.	The company shall also comply with all the conditions and safeguards prescribed in the EIA & Risk Assessment Reports.	Complied	Paradip Refinery fully implemented all the conditions stipulated in EIA and Risk Assessment reports.
xxiv.	The On-site and Off-site Emergency Preparedness Plans, Oil Spill Contingency Plans, Marine Disaster Management Plan shall be prepared for the enhanced refinery throughput and submitted to the Ministry before commissioning at the enhanced capacity.	Complied	On-site and off-site preparedness plan, Oil Spill response plan of Paradip Refinery is in place. Emergency Response and Disaster management Plan (ERDMP) approved by PNGRB empaneled Third Party Auditor is in place. On-site emergency plan is submitted to Director of Factories and Boiler. Off-site plan is incorporated in District Emergency Plan.
xxv.	The Environment Management Cell and laboratory facilities for the collection of the samples shall be augmented with suitable facilities and qualified personnel and directly report to the chief executive of the refinery complex.	Complied	Dedicated Environment Management Cell headed by a HOD exists in the Refinery to take care of all the environmental issues.
xxvi.	The company shall prepare comprehensive EIA/EMP report and submit to the Ministry within one year.	Complied	Comprehensive EIA Report was prepared and submitted to SPCB on 12.09.2008 and MOEF on 22.09.2008. NIPL report has been submitted for enhanced capacity of 16.5 MMTPA.

S. No.	CONDITION	STATUS	REMARKS
B.	**GENERAL CONDITIONS:**		
i.	The project authorities must strictly adhere to the stipulations made by the Orissa State Pollution Control Board and the State Government.	Complied	Noted for compliance.
ii.	No further expansion or modernization in the plant shall be carried out without prior approval of the Ministry of Environment and Forests.	Complied	Noted for compliance.
iii.	At no time, the emissions shall go beyond the prescribed standards. In the event of failure of any pollution control system adopted by the units, the respective unit should be immediately put out of operation and shall not be restarted until the desired efficiency has been achieved.	Complied	Noted for compliance.
iv.	The overall noise levels in and around the plant area should be kept well within the standards (75 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels should conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (daytime) and 70 dBA (night time).	Complied	Noise survey is regularly carried out by Industrial Hygienist, and the Noise levels are maintained as per standards.
v.	The project authorities must strictly comply with the provisions made in Manufacture, Storage and Import of Hazardous Chemicals Rules 1989 as amended in 2000 for handling of hazardous chemicals etc. Necessary approvals from Chief Controller of Explosives must be obtained before commission of the project.	Complied	All the provisions made in Manufacture, Storage and Import of Hazardous Chemicals Rules 1989 as amended in 2000 for handling of hazardous chemicals etc are fully complied. All required licenses obtained from CCE.
vi.	The project authorities must strictly comply with the rules and regulations with regard to handling and disposal of hazardous wastes in accordance with the Hazardous Wastes (Management and Handling) Rules, 2003. Authorization from the State Pollution Control Board must be obtained for collections/treatment/storage/disposal of hazardous wastes.	Complied	HW authorization obtained from OSPCB vide Ref no. IND-IV-HW-930/9421 dated 16-05-2025 with a validity till 31-03-2027.
vii.	The project authorities will provide requisite funds both recurring and non-recurring to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government along with the implementation	Being Complied	Paradip Refinery has installed all the pollution control units at an approximate cost of 10% of the capital expenditure of Refinery. In FY 2025-26 (H-1), total expenditure on account of environment

S. No.	CONDITION	STATUS	REMARKS
	schedule for all the conditions stipulated herein. The funds so provided should not be diverted for any other purposes.		related job was approximately of Rs. 13.73 Cr. Yearly budget provision is made for env. related activities.
viii.	The stipulated conditions will be monitored by the Regional of this Ministry at Bhubaneshwar / Central Pollution Control Board / State Pollution Control Board. A six-monthly compliance report and the monitored data should be submitted to them regularly.	Being Complied	Six monthly compliance report is being sent to MoEF and zonal office of SPCB. Last report was submitted vide letter no. PDR/HSE/HC/MOEFCC/2024-25/002 dated 18.06.2025 for Oct'24 to Mar'25.
ix.	The Project Proponent should inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the State Pollution Control Board/ Committee and may also be seen at Website of the Ministry of Environment and Forests at http:// www.envfor.nic.in. This should be advertised within seven days from the date of issue of the clearance letter at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same should be forwarded to the Regional Office.	Complied	The information has been published in the two daily local newspapers i.e. 'The Samaj' in Oriya and 'The Indian Express' in English dated 18.07.2007.
x.	The Project Authorities should inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work.	Complied	The Board of Directors of IOCL accorded investment approval on 28.02.2009 for the project. EC-No. J-11011/70/2007-1A-II (I) dt. 06.07.2007. Consent to Establish (CTE) was granted by SPCB, Odisha on 14.07.2008. The land development work for the project commenced from 16.03.2009.

Annexure-B

Name of Project	:	**CRZ Clearance for laying of Storm Water Outfall Pipelines to sea for Paradip Refinery Project**
Clearance Letter(s) No. & Date	:	F. No.11-86/2011-IA III dated 21st February 2012
Period of Compliance Report	:	Apr'25 to Sep'25

S.N.	SPECIFIC CONDITIONS:	STATUS	REMARKS
4(i)	"Consent for Establishment" shall be obtained from State Pollution Control Board under Air and Water Act and a copy shall be submitted' to the Ministry before start of any construction work at the site.	Complied	"Consent for Establishment" obtained vide letter no. 12048 Ind-II-NOC- 4600 dated 25-06-2012
(ii)	The proposed storm water line shall be laid along the Crude Oil pipeline corridor which was accorded CRZ clearance for transportation of crude oil after the recommendation of the SCZMA. However, the proponent shall submit the CRZ map showing the proposed pipeline route to SCZMA with a copy to the Ministry before commencement of the work.	Being Complied	Complied with CRZ map has already been submitted (Ref. No. IOCL/PDRP/LSTK-11/1/014)
(iii)	The unit shall provide separate drains and collection system at the process area so as to prevent any possible mixing of process spillage in to storm water as proposed.	Being Complied	Separate drains for storm water and process drains have been provided in the process area of the Refinery.
(iv)	The project proponent shall set up separate environmental management cell for effective implementation of the stipulated environmental safeguards under the supervision of a Senior Executive.	Being Complied	Dedicated Environment Management Cell headed by a HOD exists in the Refinery to take care of all the environmental issues.
(v)	The funds earmarked for environment management plan shall be included in the budget and this shall not be diverted for any other purposes.	Being Complied	Paradip Refinery has installed all the pollution control units at an approximate cost of 10% of the capital expenditure of Refinery. In FY 2025-26 (H-1), total expenditure on account of environment related job was approximately of Rs. 13.73 Cr.

S.N.	SPECIFIC CONDITIONS:	STATUS	REMARKS
			Yearly budget provision is made for env. related activities.
	GENERAL CONDITIONS:		
5(i)	Appropriate measures must be taken while undertaking digging activities to avoid any likely degradation of water quality.	Complied	Taken care during construction activities. Now lines are already commissioned.
(ii)'	Full support shall be extended to the officers of this Ministry/ Regional Office at Bhubaneswar by the project proponent during inspection of the project for monitoring purposes by furnishing full details and action plan including action taken reports in respect of mitigation measures and other environmental' protection activities.	Complied	Being Complied
(iii)	A six-Monthly monitoring report shall need to be submitted by the project proponents to the Regional Office of this Ministry at Bhubaneswar regarding the implementation of the stipulated conditions.	Complied	Six monthly compliance report is being sent to MoEF and zonal office of SPCB. Last report was submitted vide letter no. PDR/HSE/HC/MOEFCC/2024-25/002 dated 18.06.2025 for Oct'24 to Mar'25.
(iv)	Ministry of Environment & Forests or any other competent authority may stipulate any additional conditions or modify the existing ones, if necessary, in the interest of environment and the same shall be complied with.	Complied	Noted
(v)	The Ministry reserves the right to revoke this clearance if any of the conditions stipulated are not complied with the satisfaction of the Ministry.	Complied	Noted
(vi)	In the event of a change in project profile or change in the implementation agency, a fresh reference shall be made to the Ministry of Environment and Forests.	Complied	Noted
(vii)	The project proponents shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date' of start of land development work.	Complied	This is the part of the entire Refinery Project. The Board of Directors of IOCL accorded investment approval for the entire project at Paradip on 28.02.2009 for the project.

S.N.	SPECIFIC CONDITIONS:	STATUS	REMARKS
(viii)	State Pollution Control Board shall display a copy of the clearance letter at the Regional Office, District Industries Center and Collector's Office/Tehsildar's office for 30 days.	Complied	For compliance by OSPCB office.
6	These stipulations would be enforced among others under the provisions of Water (Prevention and Control of Pollution) Act 1974, the Air (Prevention and Control of Pollution) Act 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991and EIA Notification 1994, including the amendments and rules made thereafter	Complied	Noted
7	All other statutory clearances such as the approvals for storage of diesel from Chief Controller. of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project proponents from the respective competent authorities.	Complied	Paradip Refinery has already obtained all necessary statutory approvals
8	The project proponent shall advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the- project has been accorded Environmental Clearance and copies of clearance letters are available with the State Pollution Control Board and may also be seen on the website of the Ministry of Environment and Forests at http:J/www.envfor.nic_in. The advertisement should be made within 10 days from the date of receipt of the Clearance letter and a copy of the same should be forwarded to the Regional office of this Ministry at Bhubaneswar.	Complied	Advertisement placed in two newspapers (One is "The Samaja" and other is "The Times of India"), dated 1st March'12).
9	Environmental clearance is subject to final order of the Hon'ble-Supreme Court of India in the matter of Goa Foundation Vs. Union of India in Writ Petition (Civil) No.460 of 2004 as may be applicable to this project.	Complied	Noted
10	Status of compliance to the various stipulated environmental conditions and environmental safeguards will be uploaded by the project proponent in its website	Complied	Complied

S.N.	SPECIFIC CONDITIONS:	STATUS	REMARKS
11.	A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parisad/Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.	Complied	Complied
12	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.	Complied	Six monthly compliance report is being sent to MoEF and zonal office of SPCB. Last report was submitted vide letter no. PDR/HSE/HC/MOEFCC/2024-25/002 dated 18.06.2025 for Oct'24 to Mar'25.
13	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.	Complied	Paradip Refinery submitted the Environment Statement for FY 2024-25 on 26th Sep'25 as per target. EC conditions compliance is available in iocl website. Half yearly EC condition compliance has also been submitted on 18.06.2025 to RO as per time schedule.

Annexure-C

Name of Project	:	**CRZ Clearance for laying of pipeline from Paradip Refinery to South Oil Jetty at Paradip Port, Odisha**
Clearance Letter(s) No. & Date	:	F. No. 11-33/2013-IA III dated 19th September, 2013
Period of Compliance Report	:	Apr'25 to Sep'25

S.N.	SPECIFIC CONDITIONS:	STATUS	REMARKS
5(i)	"Consent for Establishment" shall be obtained from State Pollution Control Board under Air and Water Act and a copy shall be submitted to the Ministry before start of any construction work at the site.	Complied	"Consent for Establishment" obtained vide letter no 12048 Ind-II-NOC- 4600 dated 25-06-2012. Copy has been submitted to the ministry vide letter no. PDRP/HSE/CRZ/MoEF/2013-1 dated 03.10.2013.
(ii)	All the conditions of Forest Clearance dated 06/02/2013 shall be complied with.	Complied	Compliance status already submitted and based on the status, Forest and Environment Dept. Govt. of Odisha has been issued a letter (Letter No. 10F(Cons)510/2012 23891/F&E. Dtd 20/11/13) to accord the final clearance.
(iii)	The laying of pipeline at creek shall be carried out in such a way that it shall not obstruct tidal flow of the creek.	Complied	Due care was taken during laying of the pipeline.
(iv)	All the conditions stipulated by the Odisha Coastal Zone Management Authority (OCZMA) shall be complied with.	Complied	Complied.
(v)	Laying pipe line shall not be carried out during the breeding of olive Ridely turtle as committed vide undertaking dated 25.06.2013.	Complied	No construction work was done during the breeding season of olive Ridely turtle.
(vi)	Soil and water samples shall be regularly monitored along the pipeline route to check the leakage/contamination, if any and shall examine if any strengthening is required.	Complied	Soil quality monitoring job is being carried out by third party lab recognized by MoEFCC. Soil quality monitoring Report attached as **Annexure-13**.
(vii)	Proper oil spillage contingency plan shall be put in place.	Complied	Approved Oil Spill Contingency is in place for tackling any eventuality.

S.N.	SPECIFIC CONDITIONS:	STATUS	REMARKS
(viii)	It shall be ensured that there is no disturbance to people, houses or fishing activity as a result of the project.	Complied	Complied.
(ix)	The smooth and safe operation of the system shall be ensured by incorporating a computerized SCADA (Supervisory Control And Data Automation) system. Any leakage in the pipeline shall be immediately detected by the Computer system and product pumping shall be immediately cut off.	Complied	Leak detection by optical fibre cable installed for south oil jetty pipelines.
(x)	All the recommendation of the EMP shall be complied with letter and spirit. All the mitigation measures submitted in the EIA report shall be prepared in a matrix format and the compliance for each mitigation plan shall be submitted to MoEF along with half yearly compliance report to MoEF-RO.	Complied	Complied
(xi)	The project proponent shall set up separate environmental management cell for effective implementation of the stipulated environmental safeguards under the supervision of a Senior Executive.	Complied	Dedicated Environment Management Cell headed by a HOD exists in the Refinery to take care of all the environmental issues.
(xii)	The funds earmarked for environment management plan shall be included in the budget and this shall not be diverted for any other purposes.	Being Complied	Paradip Refinery has installed all the pollution control units at an approximate cost of 10% of the capital expenditure of Refinery. In FY 2025-26 (H-1), total expenditure on account of environment related job was approximately of Rs. 13.73 Cr. Yearly budget provision is made for env. related activities.
	GENERAL CONDITIONS :		
6(i)	Appropriate measures must be taken while undertaking digging activities to avoid any likely degradation of water quality.	Complied	Due care was taken during construction. Now the lines are already commissioned.
(ii)	Full support shall be extended to the officers of this Ministry/Regional Office at Bhubaneswar by the project proponent during inspection of the project for monitoring purposes by furnishing full details and action plan including action taken reports in respect of mitigation measures and other environmental protection activities.	Agreed to Compliance	Noted for compliance

S.N.	SPECIFIC CONDITIONS:	STATUS	REMARKS
(iii)	A six-monthly monitoring report shall need to be submitted by the project proponents to the Regional Office of this Ministry at Bhubaneswar regarding the implementation of the stipulated conditions.	Being Complied	Six monthly compliance report is being sent to MoEF and zonal office of SPCB. Last report was submitted vide letter no. PDR/HSE/HC/MOEFCC/2024-25/002 dated 18.06.2025 for Oct'24 to Mar'25.
(iv)	Ministry of Environment & Forests or any other competent authority may stipulate any additional conditions or modify the existing ones, if necessary in the interest of environment and the same shall be complied with.	Agreed to Compliance	Noted
(v)	The Ministry reserves the right to revoke this clearance if any of the conditions stipulated are not complied with the satisfaction of the Ministry.	Agreed to Compliance	Noted
(vi)	In the event of a change in project profile or change in the implementation agency, a fresh reference shall be made to the Ministry of Environment arid Forests.	Agreed to Compliance	Noted
(vii)	The project proponents shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of land development work.	Complied	This is the part of the entire Refinery Project. The Board of Directors of IOCL accorded investment approval for the entire project at Paradip on 28.02.2009 for the project.
(viii)	State Pollution Control Board shall display a copy of the clearance letter at the Regional Office, District Industries Centre and Collector's Office/Tehsildar's office for 30 days.	Agreed to Compliance	Compliance by OSPCB
9	The project proponent shall advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded CRZ Clearance and copies of clearance letters are available with the State Pollution Control Board and may also be seen on the website of the Ministry of Environment and Forests at http://www.envfor.nic.in. The advertisement should be made within 10 days from the date of receipt of the Clearance letter and a copy of the same should be forwarded to the Regional office of this Ministry at Bhubaneswar.	Complied	Advertisement placed in two newspapers (One is "The Samaj" and other is "The New Indian Express", dated 29th Sept'13)

S.N.	SPECIFIC CONDITIONS:	STATUS	REMARKS
11	Status of compliance to the various stipulated environmental conditions and environmental safeguards will be uploaded by the project proponent in its website.	Complied	Complied
12	A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parisad /Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.	Complied	Complied
14	The proponent shall upload the status of compliance of the stipulated Clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.	Being Complied	Six monthly compliance report is being sent to MoEF and zonal office of SPCB. Last report was submitted vide letter no. PDR/HSE/HC/MOEFCC/2024-25/002 dated 18.06.2025 for Oct'24 to Mar'25.
15	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of Clearance conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.	Complied	Complied

Annexure-D

Name of Project	:	**CRZ Clearance for 'Pet Coke Evacuation Project' for Paradip Refinery in District Jagatsinghpur (Odisha)**
Clearance Letter(s) No. & Date	:	F. No. 11-30/2015-IA.III dated 11th February, 2016
Period of Compliance Report	:	Apr'25 to Sep'25

S.N.	CONDITIONS:	STATUS	REMARKS
A	**SPECIFIC CONDITIONS:**		
i)	The project proponent shall undertake periodic inspection and maintenance to avoid spillages, wear and tear of the proposed conveying system.	Complied	Complied
ii)	Adequate safe guards including alarm and emergency shutdown system shall be provided for the proposed conveying system.	Complied	Complied
iii)	Proper fire hydrant and file extinguisher shall be provided at appropriate locations conforming to prevailing norms or fire safety.	Complied	Complied
iv)	There shall no destruction of the mangrove during construction as well as the operation phase.	Complied	Complied
v)	The top soil of excavated area during the construction shall be kept separately and to be used for vegetation.	Complied	Excavated soil used in Ecological Park and roadside land filling which used for vegetation.
vi)	The labour camps, storage of material and machinery during construction phase shall be located outside the CRZ.	Complied	Yes, located outside the CRZ.
vii)	Crossing of creek shall be on trestles with adequate clearance thereby having negligible impact on the flow.	Complied	The RRLS facility is laid on the existing bridge for which sufficient clearance already exist.
viii)	During construction, solid waste generated will include packaging and wrapping material, stubs of spent welding electrodes, used rags and housekeeping etc. The project proponent shall ensure disposal of such wastes at approved sites. There shall be no disposal in CRZs.	Complied	Complied
ix)	There shall be no ground water withdrawal within CRZ limits.	Complied	Complied

S.N.	CONDITIONS:	STATUS	REMARKS
x)	All the recommendations and conditions specified by Odisha Coastal Zone Management Authority (OCZMA) vide letter No. 56/0CZMA dated 25.08.2015, shall be complied with.	Complied	Complied
xi)	Project proponent shall implement all the recommendations stipulated in the EIA, EMP and Risk Assessment reports pertaining to the project.	Complied	Complied
xii)	The project proponent shall set up separate environmental management cell for effective implementation of the stipulated environmental safeguards under the supervision of a Senior Executive.	Complied	Dedicated Environment Management Cell headed by a HOD exists in the Refinery to take care of all the environmental issues.
xiii)	The project proponent shall take up mangrove plantation/ green belt in the project area, wherever possible. Adequate budget shall be provided in the Environment Management Plan for such mangrove development.	Complied	Complied
B	**General Conditions**		
i)	'Consent to Establish' shall be obtained from the State Pollution Control Board under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.	Complied	Complied
ii)	A copy of the clearance letter shall also be displayed on the website of the concerned State Pollution Control Board. The EC letter shall also be displayed at the Regional Office, District Industries centre and Collector's Office/ Tehsildar's office for 30 days.	Agreed for Compliance	Compliance at OSPCB site
iii)	The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year-wise expenditure shall be reported to this Ministry and its concerned Regional Office.	Complied	Paradip Refinery has installed all the pollution control units at an approximate cost of 10% of the capital expenditure of Refinery. In FY 2025-26 (H-1), total expenditure on account of environment related job was approximately of Rs. 13.73 Cr.
5	The above stipulations would be enforced among others under the provisions of Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and control of Pollution) act 1981, the Environment (Protection) Act, 1986, the	Agreed for Compliance	Noted

S.N.	CONDITIONS:	STATUS	REMARKS
	Public Liability (Insurance) Act, 1991, EIA Notification, 2006 and CRZ Notification, 2011.		
6	Officials from the Regional Office of MoEF&CC, Bhubaneswar who would be monitoring the implementation of environmental safeguards should be given full cooperation, facilities and documents/ data by the project proponents during their inspection. A complete set of all the documents submitted to MoEF&CC should be forwarded to the CCF, Regional Office of MoEF&CC Bhubaneswar.	Agreed for Compliance	Noted
7	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Ministry.	Agreed for Compliance	Noted for Compliance
8	The Ministry reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the CRZ Clearance under the provisions of the Environmental (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.	Agreed for Compliance	Noted
9	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project proponents from the respective competent authorities.	Complied	Complied
10	The project proponent should advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded CRZ Clearance and copies of clearance letters are available with the State Pollution Control Board and may also be seen on the website of the Ministry of Environment, Forest & Climate Change at http://www.envfor.nic.in. The advertisement should be made within Seven days from the date of receipt of the Clearance letter and a copy of the	Complied	Complied

S.N.	CONDITIONS:	STATUS	REMARKS
	same should be forwarded to the Regional Office of this Ministry at Bhubaneswar.		
11	This Clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation Vs Union of India in Writ Petition (Civil) No.460 of 2004 as may be applicable to this project.	Agreed for Compliance	Noted
12	Any appeal against this clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Agreed for Compliance	Noted
13	A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parisad/Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.	Complied	Complied

Annexure-E

Name of Project	:	**EC and CRZ Clearance for "Installation Ethylene Recovery Unit, Mono Ethylene Glycol Unit and BS-VI facility at Paradip Refinery cum Petrochemical Complex, village Abhayachandrapur, Tehsil Kujanga, District Jagatsinghpur (Odisha)**
Clearance Letter(s) No. & Date	:	F. No. J-11011-344/2016-IA-II (I) dated 11th October, 2018
Period of Compliance Report	:	Apr'25 to Sep'25

S.N.	CONDITIONS:	STATUS	REMARKS
11.0	**EC CONDITIONS:**		
i)	Consent to Establish/Operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.	Complied	Consent to Establish for the said project obtained from OSPCB vide letter ref: 9365/IND-II-NOC-6193 dated 06-08-2018.
ii)	Necessary authorization required under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and Solid Waste Management Rule, 2016 shall be obtained and provisions contained in the Rules shall be strictly adhered to.	Complied	MEG&ERU and BS-VI project is part of the existing Refinery which is having valid HW Authorization vide ref no. IND-IV-HW-930/6449 dated 27.03.2025 with a validity till 31-03-2026
iii)	National Emission standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R 608 € dated 21st July, 2010 and amended from time to time shall be followed.	Complied	G.S.R 186 (E) dated 18th March 2008 is applicable to Oil Refinery and IOCL Paradip Refinery is complying the same.
iv)	To control source and the fugitive emissions, suitable pollution control devices shall be installed with different stacks to meet the prescribed norms and/or the NAAQMS. The gaseous emissions shall be dispersed through stacks of adequate height as per the CPCB/SPCB guideline.	Complied	Stack height is as per statutory requirement i.e. $H = 14\ Qg^{0.3}$ H = Height of stack in meters Qg = Quantity of SO_2 emission in kg/hr

S.N.	CONDITIONS:	STATUS	REMARKS
v)	The project proponent shall take necessary steps to prevent any liquid hydrocarbon falling on the water body of the creek from the pipelines passing over the bridge of Santra creek by creating a tray like barrier below the pipelines which can hold any leakage materials.	Complied	Providing tray barrier or enclosure around the pipelines crossing over the creek require humongous structures erection at the extant pipelines bridge, so as to maintain integrity & stability of structures against high wind pressure load considering super cyclones prone location of Paradip Refinery. While reviewing pipe racks adequacy for new projects, it was found that the structures cannot accommodate additional load. Hence the arrangement to provide trays below the pipelines is not feasible. Accordingly, IOCL has put in the following mitigation measures for oil spill containment: • The refinery location is compatible with Design standards; O&M & Inspection practices ensure integrity of pipelines and structure stability. • Illumination at pipeline bridge area has been enhanced. • The bridge area is under patrolling by CISF personnel placed at site round-the-clock. • All the pipelines crossing the creek are subject to health checks like monthly walk thru inspection, quarterly thickness sampling for corrosion detection and periodical LRUT survey as per standards (once in two years) and records maintained. View the above actions, hydrocarbon pipelines leakage probability is almost negligent.

S.N.	CONDITIONS:	STATUS	REMARKS
			Also, adequate numbers of Oil spill containment Booms, Boats, oil adsorbent, oil dispersant and cleaning kit are kept as emergency standby near Santra creek for tackling any Leak scenario. Oil Spill Response plan of Paradip Refinery duly approved by competent authorities is in place to tackle any leak scenario.
vi)	Total water requirement shall not exceed 4685 cum/hr to be met from Mahanadi River. Necessary permission in this regard shall be obtained from the concerned regulatory authority.	Complied	Being complied
vii)	Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arrestors shall be provided on tank farm, and solvent transfer to be done through pumps.	Complied	Being complied
viii)	Process effluent/any wastewater shall not be allowed to mix with storm water. Storm water drain shall be passed through guard pond.	Complied	Being complied
ix)	Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic and evaporation salt shall be disposed off to the TSDF. The ash from boiler shall be sold to brick manufacturer/cement industry.	Complied	MEG-ERU and BS-VI facility is integral part of the existing Refinery. All the wastes are disposed off in line with the HW approval issued by OSPCB.
x)	The company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemical (MSIHC) Rules, 1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.	Complied	Being complied
xi)	Regular VOC monitoring to be done at vulnerable points	Complied	Being complied

S.N.	CONDITIONS:	STATUS	REMARKS
xii)	The oily sludge shall be subjected to melting pit for oil recovery and the residue shall be bio-remediated. The sludge shall be stored in HDPE lined pit with proper leachate collection system	Complied	Complied
xiii)	Comprehensive water audit to be conducted on annual basis and report to the concerned Regional Office of MoEF&CC. Outcome from the report to be implemented for conservation scheme	Complied	Water Audit by M/s EIL has been carried out for entire Refinery in 2019-20. Periodic monitoring and audit of water management is done in house, and all leaks/maintenances are done time to time. In the FY 2024-25, Water conservation scheme to re-use Storm water in Cooling towers has been implemented to re-use rainwater from storm water pond. In the year 2025-26 reuse of boiler blowdown water in cooling tower as makeup has been implemented
xiv)	Oil catchers/oil traps shall be provided at all possible locations in rain/ storm water drainage system inside the factory premises	Complied	Oil catchers are provided at all possible locations in rain/ storm water drainage system.
xv)	The company shall undertake waste minimization measures as below:- (a) Metering and control of quantities of active ingredients to minimize waste. (b) Reuse of by-products from the process as raw materials or as raw material substitutes in other processes. (c) Use of automated filling to minimize spillage. (d) Use of Close Feed system into batch reactors. (e) Venting equipment through vapour recovery system. (f) Use of high pressure hoses for equipment clearing to reduce wastewater generation.	Complied	IOCL PDR has installed facilities like Vapor recovery system, Closed feed system etc. to minimize spillage or vent.

S.N.	CONDITIONS:	STATUS	REMARKS
xvi)	The green belt of 5-10 m width shall be developed in more than 33% of the total project area, mainly along the plant periphery, in downward wind direction, and along roadsides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department.	Being complied	Complied Greenbelt has been developed in an area of 580 acres as per original EC issued to Paradip Refinery with the help of Orissa Forest Development Corporation Ltd. (OFDCL). 5,95,000 trees have been planted around the refinery area and approx. 1,20,000 trees have been planted in the township. Green belt has already been developed for the existing Refinery as per the original EC requirement. Further plantation shall be done in the available land with the support of local community .
xvii)	At least 0.25% of the total project cost shall be allocated for Corporate Environment Responsibility (GER) and item-wise details along with time bound action plan shall be prepared and submitted to the Ministry's Regional Office.	Being complied	Complied
xviii)	For the DG sets, emission limits and the stack height shall be in conformity with the extant regulations and the CPCB guidelines. Acoustic enclosure shall be provided to DG set for controlling the noise pollution	Complied	Complied. DG sets is available at P&U for handling any black out emergency. Stack heights, emissions and acoustic enclosure are as per CPCB guidelines.
xix)	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Firefighting system shall be as per the norms	Complied	The entire unit is protected by Fixed and portable firefighting facilities confirming to OISD-116.
xx)	Continuous online (24x7) monitoring system for stack emissions shall be installed for measurement of flue gas discharge and the pollutants concentration, and the data to be transmitted to the CPCB and SPCB server. For online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises. In case of the treated effluent to be utilized for irrigation/gardening, real time monitoring system shall be installed at the ETP outlet		Continuous online (24x7) monitoring of stack for measurement of flue gas discharge and the pollutants concentration along with data transmission to CPCB and SPCB server is available. Treated effluent water meeting MINAS parameters limits is discharged from the Refinery through a closed system into deep Sea at 3 km from LTL through

S.N.	CONDITIONS:	STATUS	REMARKS
			diffuser. Online analysers have been provided in the effluent discharge line for continuous monitoring of the treated effluent discharge water quality and quantity and real time data sent online to CPCB, SPCB. CCTV camera is installed for monitoring of effluent discharge line area.
xxi)	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act	Complied	Occupational Health Report attached as **Annexure-10.**
xxii)	All terms and conditions stipulated by the State Coastal Zone Management Authority in their recommendation/NOC letter dated 11th January, 2018 shall be strictly adhered to	Complied	Complied
xxiii)	The National Emission Standards for Petroleum Oil Refinery issued by the Ministry vide G.S.R. 186(E) dated 181h March, 2008 and G.S.R. 595(E) dated 2P1 August, 2009 as amended from time to time shall be followed	Complied	Paradip Refinery is strictly following the Standards vide G.S.R. 186(E) dated 18th March 2008 and G.S.R. 595(E) dated 21 August, 2009
xxiv)	The National Emission Standards for Petrochemical (Basic & Intermediates) issued by the Ministry vide G.S.R. 820 (E) dated 9th November, 2012 as amended time to time shall be followed.	Complied	Shall be complied.
11.1	**Compliance of other general conditions:**		
i)	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board, Central Pollution Control Board, State Government and any other statutory authority	Complied	Complied
ii)	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any	Complied	Complied

S.N.	CONDITIONS:	STATUS	REMARKS
iii)	The locations of ambient air quality monitoring stations shall be decided in consultation with the State Pollution Control Board (SPCB) and it shall be ensured that at least one station each is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.	Complied	Complied
iv)	The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 161h November, 2009 shall be followed.	Complied	Complied
v)	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).	Complied	Complied
vi)	The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and use the same water for the process activities of the project to conserve fresh water	Complied	Ground water recharging is not suitable in Paradip region as water table is very high. However, Refinery has constructed two storm water reservoirs (Capacities: 2,96,000 KL and 3,13,000 KL) to store monsoon rainwater in Refinery premises for re-use. Further, Refinery has developed an Ecological Park integrated with rainwater harvesting pond which can store approximately 470000 KL water during rain.
vii)	Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.	Complied	Complied
viii)	The company shall also comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the	Complied	EIA/EMP recommendations are compiled.

S.N.	CONDITIONS:	STATUS	REMARKS
	recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented.		
ix)	The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. ESC activities shall be undertaken by involving local villages and administration	Complied	IOCL PDR is implementing projects under CSR and CER extensively for improving the socio-economic conditions of the surrounding area
x)	The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment	Complied	Paradip Refinery has recently developed an ecological park to create an ambience for ecology and sustainability.
xi)	The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose	Complied	In FY 2025-26 (H-1), total expenditure on account of environment related job was approximately of Rs. 13.73 Cr. Yearly budget provision is made for env. related activities.
xii)	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal	Complied	Complied
xiii)	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF&CC, the respective Zonal Office of CPCB and SPCB. A copy of Environmental Clearance and six monthly compliance	Complied	Being complied Six monthly compliance report is being sent to MoEF and zonal office of SPCB. Last report was submitted

S.N.	CONDITIONS:	STATUS	REMARKS
	status report shall be posted on the website of the company		vide letter no. PDR/HSE/HC/MOEFCC/2024-25/002 dated 18.06.2025 for Oct'24 to Mar'25.
xiv)	The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional Offices of MoEF&CC by e-mail	Complied	Paradip Refinery submitted the Environment Statement for FY 2024-25 on 26th Sep'25 as per target. EC conditions compliance are available in iocl website. Half yearly EC condition compliance has also been submitted on 18.06.2025 to RO of MOEFCC as per time schedule.
xv)	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry at http://moef.nic.in. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry	Complied	Advertisement placed in two newspapers (One is "The Samaja" and other is "The Times of India")  
xvi)	The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project	Complied	Being complied

Annexure-F

Name of Project	:	**EC and CRZ Clearance for "Integrated Para-Xylene & Purified Terephthalic Acid (PTA) Project within existing Refinery complex by M/s. Indian Oil Corporation Limited, Paradip Refinery located at S.F. No-218, Abhayachandrapur Village, Jagatsinghpur District, Odisha State**
Clearance Letter(s) No. & Date	:	F. No. J-11011/395/2012-IA-II (I) dated 9th Aug 2021
Period of Compliance Report	:	Apr'25 to Sep'25

S.N.	CONDITIONS:	STATUS	REMARKS
A	**SPECIFIC CONDITIONS:**		
i)	Construction in CRZ area shall be in accordance with the provision of CRZ Notification, 2011 and as amended from time to time. The project proponent shall comply with all the conditions stipulated in OCZMA/CRZ recommendations and NOC issued for the same.	Complied	Complied
(ii)	No groundwater shall be extracted to meet the water requirements during the construction phase of the project, within CRZ area.	Complied	No ground water is extracted at Paradip Refinery.
(iii)	The PESO clearance shall be obtained, if related by M/s IOCL before commencing the project activities.	Complied	Noted for compliance.
(iv)	No excavated material during the construction shall be dumped in water bodies adjacent to CRZ areas. CRZ site shall be restored to near original condition after completion of construction.	Complied	Complied
(v)	The company shall submit detailed study report on odour pollutants from the industry, their control and mitigation within petrochemical refinery after carrying out continuous monitoring for one month and the report shall be submitted within three (03) months to the Ministry.	Complied	Odour Pollutant Study has been done by M/s Chola MS and report submitted on 31.05.2022. No significant findings from Paradip refinery were observed by the agency.
(vi)	The company shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental	Complied	Complied

S.N.	CONDITIONS:	STATUS	REMARKS
	management, and risk mitigation measures relating to the project shall be implemented.		
(vii)	Total freshwater requirement shall not exceed 89832 m3/day, proposed to be met from River Mahanadi. Necessary permission in this regard shall be obtained from the concerned regulatory authority. The freshwater requirement shall be reduced after installation of rainwater harvesting system in the unit/project area.	Complied	Complied
(viii)	Comprehensive water audit to be conducted on annual basis and report to the concerned Regional Office of MEF&CC. Outcome from the report to be implemented for conservation scheme.	Complied	Water Audit by M/s EIL has been carried out for entire Refinery in 2019-20. Periodic monitoring and audit of water management is done in house, and all leaks/maintenances are done time to time. In the FY 2024-25, Water conservation scheme to re-use Storm water in Cooling towers has been implemented to re-use rainwater from storm water pond.
(ix)	Process effluent/any wastewater shall not be allowed to mix with storm water. Storm water drain shall be passed through guard pond.	Complied	Complied
(x)	Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm, and solvent transfer to be done through pumps.	Complied	Being Complied for existing Refinery complex and shall be complied with in PX-PTA unit as well.
(xi)	Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDF. The ash from boiler shall be sold to brick manufacturers/cement industry.	Complied	Noted for compliance. Refinery ETP sludge is processed in Delayed Coker unit in Refinery itself as per HW authorization. Ash generation from boilers is very less ~ 20MT/ Annum as cleaner fuel is fired in boilers and ash being a small quantity is disposed in captive SLF.
(xii)	Regular VOC monitoring shall be done at vulnerable points.	Complied	Being Complied for existing Refinery complex and shall be complied with in PX-PTA unit as well.

S.N.	CONDITIONS:	STATUS	REMARKS
(xiii)	The oily sludge shall be subjected to melting pit for oil recovery and the residue shall be bio-remediated. The sludge shall be stored in HDPE lined pit with proper leachate collection system.	Agreed for Compliance	Noted for compliance.
xiv)	Oil catchers/oil traps shall be provided at all possible locations in rain/ storm water drainage system inside the factory premises.	Complied	PX-PTA facility is integral part of the existing Refinery. Oil catchers are already provided in the existing facility.
xv)	The company shall undertake waste minimization measures as below: a) Metering and control of quantities of active ingredients to minimize waste. b) Reuse of by-products from the process as raw materials or as raw material substitutes in other processes. c) Use of automated filling to minimize spillage. d) Use of Close Feed system into batch reactors. e) Venting equipment through vapour recovery system. f) Use of high pressure hoses for equipment cleaning etc. to reduce wastewater generation.	Complied	IOCL PDR has installed facilities like Vapor recovery system, Closed feed system etc. to minimize spillage or vent.
xvi)	The green belt of 5-10 m width shall be developed in more than 33% of the total project area, mainly along the plant periphery, in downward wind direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department.	Agreed for Compliance	Complied Greenbelt has been developed in an area of 580 acres as per original EC issued to Paradip Refinery with the help of Orissa Forest Development Corporation Ltd. (OFDCL). 5,95,000 trees have been planted around the refinery area and approx. 1,20,000 trees have been planted in the township. • Green belt has already been developed for the existing Refinery as per the original EC requirement. Further plantation shall be done in the available land with the support of local community IOCL Paradip Refinery explored plantation in forest lands. However, same could not be done due to

S.N.	CONDITIONS:	STATUS	REMARKS
			non-availability of forest lands in Jagatsinghpur district as confirmed by Forest Office, Jagatsinghpur. • Parallelly, IOCL has also approached Odisha government to allocate suitable land parcels for plantation requirements for Paradip Refinery. • IOCL has also registered in" Green credit Portal" of the govt of India for allocation of land parcels for plantation. However, no land parcels are available in Odisha as on date for plantation.
xvii)	As per the Ministry's OM dated 30.09.2020 superseding the OM dated 01.05.2018 regarding the Corporate Environmental Responsibility, and as per the action plan proposed by the project proponent to address the socio-economic and environmental issues in the study area, the project proponent, as committed, shall provide education funds in technical training centers/ support in nearby village's schools, support in health care facilities, drinking water supply and funds for miscellaneous activities like solar street lights, battery, solar panel etc., in the nearby villages. The action plan shall to be completed within time as proposed.	Agreed for Compliance	Noted for compliance IOCL PDR is implementing projects under CER extensively for improving the socio-economic conditions of the surrounding area.
xviii)	The project proponent shall ensure 70% of the employment to the local people, as per the applicable law. The project proponent shall set up a skill development center/provide skill development training to village people.	Being Complied	The employment of local people is being carried out as per the applicable law. Various developmental activities e.g. promoting education, skill development trainings etc. in nearby Gram Panchayats under CSR are being finalized by CSR team of Paradip Refinery in consultation with District Administration. Skill development in association with NSDC & CIPET is being carried out periodically.

S.N.	CONDITIONS:	STATUS	REMARKS
			Skill development Institute has been set up at Bhubaneswar with an aim to provide opportunities to the unemployed and underprivileged youth of Odisha and to provide skilled manpower to the industry.
xix)	A separate Environmental Management Cell (having qualified person with Environmental Science/ Environmental Engineering/ specialization in the project area) equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.	Being complied	Dedicated Environment Management Cell headed by a HOD exists in the Refinery to take care of all the environmental issues
xx)	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Firefighting system shall be as per the norms.	Being complied	Being Complied for existing Refinery complex and shall be complied with in PX-PTA unit as well.
xxi)	Continuous online (24x7) monitoring system for stack emissions shall be installed for measurement of flue gas discharge and the pollutants concentration, and the data to be transmitted to the CPCB and SPCB server. In case of the treated effluent to be utilized for irrigation/gardening, real time monitoring system shall be installed at the ETP outlet.	Agreed for Compliance	Noted for compliance. Continuous online (24x7) monitoring system for stack emissions is already in place at Paradip Refinery and same shall be complied for PX-PTA unit stacks. Real time monitoring system shall be installed at the ETP outlet.
xxii)	PP to set up occupational health Centre for surveillance of the worker's health within and outside the plant on a regular basis. The health data shall be used in deploying the duties of the workers. All workers & employees shall be provided with required safety kits/mask for personal protection.	Being Complied	Occupational health Centre is already available for the Refinery. Same facility shall be used for PX-PTA unit as well. OHC report for Refinery employees is enclosed as **Annexure- 10**.
xxiii)	The National Emission Standards for Petrochemical (Basic & Intermediates) issued by the Ministry vide G.S.R. 820 (E) dated 9th November 2012 as amended time to time shall be followed.	Agreed for Compliance	Noted for compliance.
xxiv)	Recommendations of mitigation measures from possible accident shall be implemented based on Risk Assessment studies conducted for worst case scenarios using latest techniques.	Agreed for Compliance	Noted for compliance.

S.N.	CONDITIONS:	STATUS	REMARKS
xxv)	The project proponent shall develop R&D facilities to develop their own technologies for propylene and polypropylene processing.	Complied	IOCL has a fully established R&D facility located at Faridabad, Haryana.
B	**GENERAL CONDITIONS**		
(i)	No further expansion or modifications in the plant, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change/SEIAA, as applicable. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry/SEIAA, as applicable, to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	Agreed for Compliance	Noted for compliance.
(ii)	The energy source for lighting purpose shall be preferably LED based, or advanced having preference in energy conservation and environment betterment.	Agreed for Compliance	Noted for compliance.
(iii)	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under the Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).	Agreed for Compliance	Noted for compliance.
(iv)	The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. CER activities shall be undertaken by involving local villages and administration and shall be implemented. The company shall undertake eco developmental measures including community welfare measures in the project area for the overall improvement of the environment	Being complied	IOCL PDR is implementing projects under CSR and CER extensively for improving the socio-economic conditions of the surrounding area.
(v)	The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government	Being complied	In FY 2025-26 (H-1), total expenditure on account of environment related job was approximately of Rs. 13.73 Cr.

S.N.	CONDITIONS:	STATUS	REMARKS
	along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose.		Yearly budget provision is made for env. related activities.
(vi)	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, ZillaParishad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal.	Complied	Complied
(vii)	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF&CC, the respective Zonal Office of CPCB and SPCB. A copy of Environmental Clearance and six-monthly compliance status report shall be posted on the website of the company.	Complied	Six monthly compliance report is being sent to MoEF and zonal office of SPCB. Last report was submitted vide letter no. PDR/HSE/HC/MOEFCC/2024-25/002 dated 18.06.2025 for Oct'24 to Mar'25.
(viii)	The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional Offices of MoEF&CC by e-mail.	Being Complied	Paradip Refinery submitted the Environment Statement for FY 2024-25 on 26th Sep'25 as per target. EC conditions compliance are available in iocl website. Half yearly EC condition compliance has also been submitted on 18.06.2025 to RO of MOEFCC as per time schedule.
(ix)	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry and at https://parivesh.nic.in/. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.	Complied	Advertisement placed in two newspapers (One is "The Samaja" and other is "The Times of India")  Indian Oil Corporation Ltd. Paradip Refinery PUBLIC NOTICE 

S.N.	CONDITIONS:	STATUS	REMARKS
(x)	The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.	Agreed for Compliance	Noted for compliance
(xi)	This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.	Agreed for Compliance	Noted
23	The ministry reserves the right to stipulate additional conditions, if found necessary at subsequent stages and the project proponent shall implement all the said conditions in a time bound manner. The ministry may revoke or suspend the environmental clearance, if implementation of any of the condition is not found satisfactory.	Agreed for Compliance	Noted
24	Concealing factual data or submission of false/ fabricated data and failure to comply with any conditions mentioned above may result in withdrawal of this clearance and attract action under the provision of Environment (Protection) Act , 1986.	Agreed for Compliance	Noted

Annexure-2

Stack Emission Report

Visiontek Consultancy Services Pvt. Ltd.

(Committed For Better Environment)

Report. No: Envlab/25-26/R-02307 **Date: 03.05.2025**

STATIONARY EMISSION MONITORING REPORT FOR APRIL-2025

1. **Name of the Industry** : **M/s. INDIAN OIL CORPORATION LIMITED**
2. **Sample Collected by** : **VCSPL Representative**
3. **Date of Analysis** : **01.04.2025 TO 31.04.2025**

Parameter				SO2	NOx	PM	CO
UOM				mg/Nm3	mg/Nm3	mg/Nm3	mg/Nm3
Method				IS 11255 [P-2]	IS 11255 [P-7]	IS 11255 [P-1]	IS 11255 [P-3]
1	CPP (UB3) STACK	02-Apr-25	14:30	67.5	89.2	7.29	1.25
2	CPP (UB2) STACK	03-Apr-25	10:10	66.8	54.6	9.56	2.5
3	DCU Heater-1 Stack	04-Apr-25	10:00	56.7	55.4	3.65	2.5
4	DCU Heater-2 Stack	04-Apr-25	14:30	52.8	50.4	2.81	1.25
5	AVU CDU Stack	05-Apr-25	09:30	112.8	72.6	5.07	2.5
6	AVU VDU Stack	05-Apr-25	14:30	95.4	50.6	5.3	1.25
7	VGOHT MHC-1 Stack	07-Apr-25	10:00	36.5	34.2	1.47	1.25
8	VGOHT MHC-2 Stack	07-Apr-25	14:30	47.4	52.6	4.12	1.25
9	FCC Heater Stack	08-Apr-25	14:30	846.7	118.4	3.22	1.25
10	FCC RR Stack	09-Apr-25	10:20	64.2	54.6	16.38	227.5
11	NHDT Stack	11-Apr-25	14:30	44.8	55.4	4.56	1.25
12	CCRU-P Stack	12-Apr-25	09:30	48.2	54.8	4.97	7.5
13	DHDT Stack	12-Apr-25	14:30	44.6	52.6	2.46	6.25
14	KHDS Unit Stack	15-Apr-25	09:40	38.3	54.2	1.3	1.25
15	SRU/TGTU Stack	15-Apr-25	14:30	1922.8	236.2	21.37	91
16	HRSG-2 STACK	18-Apr-25	14:00	82.4	100.5	4.73	10
17	HRSG-3 STACK	18-Apr-25	09:30	75.2	246.6	4.31	27.5
18	CPP (UB2) STACK	19-Apr-25	09:40	62.8	55.6	6.86	1.25
19	CPP (UB3) STACK	19-Apr-25	14:30	68.4	88.6	6.32	1.25
20	AVU CDU Stack	21-Apr-25	15:00	113.4	70.6	6.05	2.5
21	AVU VDU Stack	21-Apr-25	10:00	94.8	49.6	4.86	10
22	FCC Heater Stack	22-Apr-25	14:30	846.8	122.4	5.01	5
23	FCC RR Stack	22-Apr-25	09:30	64.4	56.8	18.16	267
24	DCU Heater-1 Stack	23-Apr-25	09:30	57.2	54.6	2.46	2.5
25	DCU Heater-2 Stack	23-Apr-25	14:30	51.8	49.6	1.97	2.5
26	VGOHT MHC-1 Stack	24-Apr-25	10:00	36.8	35.6	4.18	2.5
27	VGOHT MHC-2 Stack	24-Apr-25	14:30	42.2	50.4	3.8	2.5
28	CCRU-P Stack	25-Apr-25	09:30	47.5	54.6	3.54	6.25
29	NHDT Stack	25-Apr-25	14:30	45.7	56.8	3.33	2.5
30	KHDS Unit Stack	26-Apr-25	14:20	48.2	55.4	3.35	2.5
31	SRU/TGTU Stack	26-Apr-25	09:30	1896.8	238.6	23.55	6
32	DHDT Stack	29-Apr-25	10:00	44.8	55.4	4.5	5

TERMS AND CONDITION: -

1. The Test result is relevant only to the item tested.
2. This report shall not be reproduced in full or part without written approval of Visiontek consultancy services. (P) Ltd.
3. The laboratory is not responsible for the authenticity of photocopied test report.
4. The test item will not be retained for more than 15 days from the date of issue of test report except in case as required by applicable regulations.
5. The laboratory's responsibility under this report is limited to; proven willful negligence.

Reviewed by VISIONTEK CONSULTANCY SERVICES PVT. LTD. BBSR

Approved by VISIONTEK CONSULTANCY SERVICES PVT. LTD. BBSR

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Report. No: Envlab/25-26/R-08810 **Date: 07.06.2025**

STATIONARY EMISSION MONITORING REPORT FOR MAY-2025

1. **Name of the Industry** : **M/s. INDIAN OIL CORPORATION LIMITED**
2. **Sample Collected by** : **VCSPL Representative**
3. **Date of Analysis** : **01.05.2025 TO 31.05.2025**

Parameter				SO2	NOx	PM	CO
UOM				mg/Nm3	mg/Nm3	mg/Nm3	mg/Nm3
Method				IS 11255 [P-2]	IS 11255 [P-7]	IS 11255 [P-1]	IS 11255 [P-3]
1	CPP (UB3) STACK	01-May-25	09:50	67.4	86.7	5.21	2.5
2	CPP (UB4) STACK	01-May-25	14:30	86.5	112.6	6.27	2.5
3	HRSG-2 STACK	02-May-25	09:30	80.6	98.4	4.81	15
4	HRSG-3 STACK	02-May-25	14:30	72.8	236.2	4.93	22.5
5	AVU CDU Stack	03-May-25	09:50	113.8	74.6	4.5	5
6	AVU VDU Stack	03-May-25	14:30	94.6	51.2	2.8	7.5
7	DCU Heater-1 Stack	05-May-25	10:00	57.4	51.6	3.61	1.25
8	DCU Heater-2 Stack	05-May-25	14:30	53.8	50.1	4.7	2.5
9	FCC RR Stack	06-May-25	09:50	65.8	55.4	19.59	283.6
10	FCC Heater Stack	06-May-25	14:30	842.4	118.6	7.0	2.5
11	VGOHT MHC-1 Stack	07-May-25	09:30	35.6	38.2	2	2.5
12	VGOHT MHC-2 Stack	08-May-25	09:40	41.8	49.6	3.45	1.25
13	DHDT Stack	09-May-25	09:20	43.8	56.2	3.5	7.5
14	CCRU-P Stack	09-May-25	14:50	47.3	52.8	3.1	6.25
15	NHDT Stack	10-May-25	09:50	45.2	67.4	3.5	5
16	SRU/TGTU Stack	12-May-25	14:50	2005.8	242.6	23.6	93.25
17	KHDS Unit Stack	15-May-25	10:00	47.4	54.6	4.3	2.5
18	AVU CDU Stack	16-May-25	10:00	124.8	72.6	6.32	15
19	AVU VDU Stack	16-May-25	14:30	93.6	52.4	9.44	10
20	FCC RR Stack	17-May-25	09:50	64.2	54.6	19.68	277.5
21	FCC Heater Stack	17-May-25	14:30	840.6	120.3	5.21	7.5
22	CPP (UB1) STACK	19-May-25	10:00	145.6	71.2	3.22	1.25
23	CPP (UB2) STACK	19-May-25	14:30	61.8	52.6	2.23	1.25
24	DCU Heater-2 Stack	20-May-25	14:30	52.6	49.8	4.52	1.25
25	DCU Heater-1 Stack	20-May-25	10:00	58.7	52.3	4.36	1.25
26	HRSG-2 STACK	21-May-25	14:30	82.4	96.8	4.94	11.25
27	CPP (UB3) STACK	21-May-25	10:30	68.4	87.2	5.32	1.25
28	HRSG-1 STACK	22-May-25	09:40	82.4	96.8	3.55	15
29	VGOHT MHC-1 Stack	22-May-25	14:30	39.3	34.5	4.55	2.5
30	VGOHT MHC-2 Stack	23-May-25	09:50	42.8	48.6	3.69	1.25
31	DHDT Stack	23-May-25	14:20	44.6	56.2	3.64	6.25
32	SRU/TGTU Stack	28-May-25	10:00	1968.4	236.8	13.15	81.75
33	NHDT Stack	30-May-25	15:30	48.1	68.4	4.78	6.25
34	KHDS Unit Stack	30-May-25	09:50	47.9	55.4	4.82	2.5
35	CCRU-P Stack	31-May-25	09:20	47.5	50.4	3.67	3.75

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Visiontek Consultancy Services Pvt. Ltd.

(Committed For Better Environment)

Report. No: Envlab/25-26/R-09318 **Date: 05.07.2025**

STATIONARY EMISSION MONITORING REPORT FOR JUNE-2025

1. **Name of the Industry** : **M/s. INDIAN OIL CORPORATION LIMITED**
2. **Sample Collected by** : **VCSPL Representative**
3. **Date of Analysis** : **01.06.2025 TO 30.06.2025**

Parameter				SO2	NOx	PM	CO
UOM				mg/Nm3	mg/Nm3	mg/Nm3	mg/Nm3
Method				IS 11255 [P-2]	IS 11255 [P-7]	IS 11255 [P-1]	IS 11255 [P-3]
1	CPP (UB3) STACK	02-Jun-25	10:00	68.4	88.4	7.9	2.5
2	CPP (UB4) STACK	02-Jun-25	14:30	87.5	113.4	3.96	2.5
3	CPP (UB1) STACK	03-Jun-25	09:40	146.4	72.3	6.31	2.5
4	CPP (UB2) STACK	03-Jun-25	14:20	60.8	53.6	5.21	2.5
5	HRSG-3 STACK	04-Jun-25	14:10	70.8	236.8	4.17	17.5
6	HRSG-1 STACK	04-Jun-25	09:50	88.6	72.8	4.84	20
7	DCU Heater-1 Stack	05-Jun-25	14:20	58.6	51.4	4.96	1.25
8	HRSG-2 STACK	05-Jun-25	09:50	88.6	72.8	4.63	13.75
9	DCU Heater-2 Stack	06-Jun-25	09:50	51.2	49.6	3.68	1.25
10	AVU CDU Stack	06-Jun-25	14:00	126.8	75.4	7.05	10
11	DHDT Stack	07-Jun-25	15:00	45.2	55.4	2.83	5
12	AVU VDU Stack	07-Jun-25	10:00	94.5	53.6	9.76	7.5
13	FCC RR Stack	09-Jun-25	09:50	63.8	55.6	26.2	267.5
14	FCC Heater Stack	09-Jun-25	14:50	568.6	121.3	5.38	6.25
15	VGOHT MHC-1 Stack	10-Jun-25	09:50	40.2	35.6	2.48	1.25
16	VGOHT MHC-2 Stack	10-Jun-25	14:20	43.8	49.2	4.3	1.25
17	CCRU-P Stack	12-Jun-25	09:30	46.8	51.4	4.44	6.25
18	NHDT Stack	12-Jun-25	14:30	48.2	65.6	2.73	2.5
19	KHDS Unit Stack	13-Jun-25	10:00	39.8	54.6	4.47	2.5
20	SRU/TGTU Stack	13-Jun-25	14:30	1852.8	231.5	26.74	89.4
21	CPP (UB1) STACK	16-Jun-25	09:40	144.2	70.6	5.07	2.5
22	CPP (UB2) STACK	16-Jun-25	14:10	59.2	52.4	2.86	2.5
23	CPP (UB3) STACK	17-Jun-25	09:50	68.6	88.4	6.87	2.5
24	CPP (UB4) STACK	17-Jun-25	14:30	89.4	120.4	6.66	2.5
25	HRSG-3 STACK	18-Jun-25	15:00	72.8	226.8	12.22	26.25
26	HRSG-1 STACK	19-Jun-25	09:30	88.6	75.6	4.9	15
27	DCU Heater-1 Stack	19-Jun-25	14:30	57.8	50.6	3.77	1.25
28	DCU Heater-2 Stack	20-Jun-25	10:20	52.8	50.4	5.11	1.25
29	AVU VDU Stack	20-Jun-25	14:30	94.6	48.6	5.05	10
30	AVU CDU Stack	21-Jun-25	09:40	114.8	71.2	3.99	15
31	VGOHT MHC-2 Stack	23-Jun-25	14:00	44.1	49.2	4.58	1.25
32	VGOHT MHC-1 Stack	23-Jun-25	12:30	39.8	34.2	3.75	1.25
33	FCC RR Stack	24-Jun-25	09:30	64.5	51.3	20.32	291.25
34	FCC Heater Stack	24-Jun-25	14:20	646.4	118.4	29.94	31.25
35	SRU/TGTU Stack	26-Jun-25	10:20	1982.8	241.5	17.45	93.75
36	DHDT Stack	28-Jun-25	15:00	44.4	52.6	4.87	2.5
37	CCRU-P Stack	30-Jun-25	09:20	43.8	49.6	3.43	5
38	NHDT Stack	30-Jun-25	10:30	49.1	66.9	3.45	2.5
39	KHDS Unit Stack	30-Jun-25	14:30	37.8	54.2	3.83	1.25

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Report. No: Envlab/25-26/R-10710 **Date: 06.08.2025**

STATIONARY EMISSION MONITORING REPORT FOR JULY-2025

1. **Name of the Industry** : **M/s. INDIAN OIL CORPORATION LIMITED**
2. **Sample Collected by** : **VCSPL Representative**
3. **Date of Analysis** : **01.07.2025 TO 31.07.2025**

Parameter				SO2	NOx	PM	CO
UOM				mg/Nm3	mg/Nm3	mg/Nm3	mg/Nm3
Method				IS 11255 [P-2]	IS 11255 [P-7]	IS 11255 [P-1]	IS 11255 [P-3]
1	CPP (UB4) STACK	01-Jul-25	09:40	48.6	118.6	4.35	6.25
2	CPP (UB1) STACK	02-Jul-25	09:40	44.2	70.6	4.1	2.5
3	CPP (UB2) STACK	02-Jul-25	14:30	38.4	89.5	4.59	1.25
4	HRSG-3 STACK	03-Jul-25	09:30	40.2	169.6	4.15	27.5
5	HRSG-1 STACK	03-Jul-25	14:10	8.2	78.4	4.47	12.5
6	DCU Heater-1 Stack	04-Jul-25	09:30	46.8	51.2	2.14	1.25
7	DCU Heater-2 Stack	04-Jul-25	14:00	42.2	49.6	3.37	1.25
8	AVU CDU Stack	05-Jul-25	10:00	42.6	74.8	4.28	12.5
9	AVU VDU Stack	05-Jul-25	14:00	53.8	52.4	5.68	18.75
10	VGOHT MHC-1 Stack	07-Jul-25	10:00	38.4	34.2	2.24	1.25
11	VGOHT MHC-2 Stack	07-Jul-25	14:10	42.8	50.6	4.08	1.25
12	FCC RR Stack	08-Jul-25	09:40	44.5	55.6	15.8	81.25
13	FCC Heater Stack	08-Jul-25	15:00	184.2	116.8	5.29	35
14	SARU Process Air Heater Stack	10-Jul-25	11:20	47.5	13.6	3.58	2.5
15	CCRU-P Stack	12-Jul-25	09:40	44.8	50.2	3.67	8.75
16	NHDT Stack	12-Jul-25	14:10	43.2	65.8	4.82	2.5
17	DHDT Stack	14-Jul-25	09:50	34.6	54.5	4.89	5
18	KHDS Stack	14-Jul-25	14:10	44.7	56.5	3.06	1.25
19	SRU/TGTU Stack	15-Jul-25	10:00	1658.2	148.2	15.63	72.5
20	CPP (UB4) STACK	16-Jul-25	14:20	40.6	118.4	4.42	2.5
21	CPP (UB2) STACK	16-Jul-25	09:50	48.8	50.6	4.11	2.5
22	DCU Heater-2 Stack	18-Jul-25	14:00	41.8	48.5	2.36	1.25
23	AVU CDU Stack	21-Jul-25	09:50	45.4	72.5	5.38	15
24	AVU VDU Stack	21-Jul-25	14:20	42.8	53.4	5.25	31.25
25	DCU Heater-1 Stack	19-Jul-25	11:30	47.4	52.6	3.03	1.25
26	FCC RR Stack	22-Jul-25	09:40	65.2	50.6	14.27	76.25
27	FCC Heater Stack	22-Jul-25	14:20	266.5	120.6	6.27	15
28	VGOHT MHC-1 Stack	23-Jul-25	09:50	39.4	35.6	2.89	1.25
29	VGOHT MHC-2 Stack	23-Jul-25	14:20	42.6	49.8	3.63	1.25
30	NHDT Stack	24-Jul-25	09:40	44.5	66.2	4.56	5
31	CCRU-P Stack	25-Jul-25	14:10	43.6	49.6	4.29	10
32	SARU Process Air Heater Stack	26-Jul-25	14:10	48.9	12.8	4.61	2.5
33	SRU/TGTU Stack	28-Jul-25	14:20	1620.5	166.8	15.08	87.5
34	DHDT Stack	28-Jul-25	09:40	45.2	55.4	4.39	10
35	KHDS Stack	29-Jul-25	09:20	49.8	55.4	4.04	1.25

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Visiontek Consultancy Services Pvt. Ltd.

(Committed For Better Environment)

Report. No: Envlab/25-26/R-11905 **Date: 04.09.2025**

STATIONARY EMISSION MONITORING REPORT FOR AUGUST-2025

1. **Name of the Industry** : **M/s. INDIAN OIL CORPORATION LIMITED**
2. **Sample Collected by** : **VCSPL Representative**
3. **Date of Analysis** : **01.08.2025 TO 30.08.2025**

Parameter				SO2	NOx	PM	CO
UOM				mg/Nm3	mg/Nm3	mg/Nm3	mg/Nm3
Method				IS 11255 [P-2]	IS 11255 [P-7]	IS 11255 [P-1]	IS 11255 [P-3]
1	CPP (UB3) STACK	01-Aug-25	09:40	42.4	90.6	4.92	2.5
2	CPP (UB4) STACK	01-Aug-25	14:30	49.6	121.5	4.21	6.25
3	CPP (UB2) STACK	02-Aug-25	09:20	47.4	51.6	4.17	6.25
4	DCU Heater-1 Stack	04-Aug-25	10:00	38.4	51.4	3.53	1.25
5	DCU Heater-2 Stack	04-Aug-25	14:10	42.5	49.5	2.44	1.25
6	AVU CDU Stack	05-Aug-25	09:30	49.4	70.6	6.03	10
7	AVU VDU Stack	05-Aug-25	14:20	40.8	54.6	5.96	15
8	FCC RR Stack	06-Aug-25	09:20	44.8	49.6	6.73	82.5
9	FCC Heater Stack	06-Aug-25	14:30	48.8	124.5	7.16	10
10	VGOHT MHC-1 Stack	07-Aug-25	09:30	40.2	34.6	4.03	1.25
11	VGOHT MHC-2 Stack	07-Aug-25	14:10	41.2	48.5	3.65	1.25
12	DHDT Stack	02-Aug-25	14:00	44.1	52.8	4.11	12.5
13	SARU Process Air Heater Stack	09-Aug-25	09:30	45.2	46.2	4.61	1.25
14	CCRU-P Stack	11-Aug-25	09:30	44.2	48.5	2.95	6.25
15	NHDT Stack	11-Aug-25	14:10	44.1	65.8	4.81	3.75
16	KHDS Unit Stack	12-Aug-25	09:40	48.7	56.4	4.46	1.25
17	SRU/TGTU Stack	12-Aug-25	14:30	1588.4	208.4	14.58	90
18	CPP (UB3) STACK	16-Aug-25	09:30	41.4	84.6	3	2.5
19	CPP (UB4) STACK	16-Aug-25	14:00	48.3	118.6	4.85	5
20	DCU Heater-1 Stack	18-Aug-25	09:40	47.4	49.6	4.83	1.25
21	DCU Heater-2 Stack	18-Aug-25	14:20	44.8	50.2	4.91	1.25
22	FCC RR Stack	19-Aug-25	14:30	65.8	52.2	9.12	91.25
23	CPP (UB2) STACK	19-Aug-25	09:20	45.8	54.2	4.18	2.5
24	FCC Heater Stack	20-Aug-25	09:30	42.6	121.4	7.68	2.5
25	AVU VDU Stack	20-Aug-25	14:30	47.9	54.6	5.77	18.75
26	AVU CDU Stack	23-Aug-25	09:30	46.4	71.2	5.62	12.5
27	VGOHT MHC-1 Stack	23-Aug-25	14:00	39.4	32.5	3.66	1.25
28	DHDT Stack	25-Aug-25	15:00	49.1	42.3	2.21	7.5
29	VGOHT MHC-2 Stack	25-Aug-25	09:20	48.6	41.2	3.52	1.25
30	NHDT Stack	26-Aug-25	14:20	45.4	56.8	3.93	2.5
31	CCRU-P Stack	26-Aug-25	09:40	48.6	46.5	4.41	6.25
32	SARU Process Air Heater Stack	28-Aug-25	09:40	49.8	42.3	3.97	1.25
33	KHDS Unit Stack	29-Aug-25	10:00	47.6	51.2	3.82	1.25
34	SRU/TGTU Stack	29-Aug-25	14:10	1612.8	146.2	13.4	85
35	CPP (UB3) STACK	01-Aug-25	09:40	42.4	90.6	4.92	2.5

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VISIONTEK CONSULTANCY SERVICES PVT. LTD. BBSR

Approved by

VISIONTEK CONSULTANCY SERVICES PVT. LTD. BBSR

Visiontek Consultancy Services Pvt. Ltd.

(Committed For Better Environment)

Report. No: Envlab/25-26/R-14762 **Date: 04.10.2025**

STATIONARY EMISSION MONITORING REPORT FOR SEPT-2025

1. **Name of the Industry** : **M/s. INDIAN OIL CORPORATION LIMITED**
2. **Sample Collected by** : **VCSPL Representative**
3. **Date of Analysis** : **01.09.2025 TO 31.09.2025**

Parameter				SO2	NOx	PM	CO
UOM				mg/Nm3	mg/Nm3	mg/Nm3	mg/Nm3
Method				IS 11255 [P-2]	IS 11255 [P-7]	IS 11255 [P-1]	IS 11255 [P-3]
1	DCU Heater-1 Stack	01-Sep-25	09:40	37.2	41.2	4.72	8.75
2	CPP (UB2) STACK	01-Sep-25	15:10	45.8	56.4	5.04	6.25
3	CPP (UB3) STACK	02-Sep-25	10:00	47.4	88.2	2.96	2.5
4	CPP (UB4) STACK	02-Sep-25	14:30	46.2	124.5	4.96	2.5
5	AVU CDU Stack	03-Sep-25	10:30	41.2	72.5	4.91	20
6	AVU VDU Stack	03-Sep-25	14:30	41.7	62.2	4.73	81.25
7	VGOHT MHC-1 Stack	04-Sep-25	09:20	37.8	35.4	3.46	1.25
8	VGOHT MHC-2 Stack	04-Sep-25	14:20	41.6	45.2	4.73	1.25
9	NHDT Stack	05-Sep-25	09:30	44.2	57.8	3.54	2.5
10	CCRU-P Stack	05-Sep-25	14:10	42.1	51.2	4.07	7.5
11	FCC RR Stack	06-Sep-25	09:40	47.2	65.2	12.2	87.5
12	FCC Heater Stack	06-Sep-25	14:00	47.5	124.8	4.87	21.25
13	SARU Process Air Heater Stack	08-Sep-25	10:00	48.5	40.8	4.64	1.25
14	DHDT Stack	09-Sep-25	09:20	47.6	41.3	4.39	6.25
15	KHDS Stack	09-Sep-25	14:10	46.8	52.4	4.12	1.25
16	SRU/TGTU Stack	11-Sep-25	09:20	1566.8	208.4	14.07	75
17	AVU CDU Stack	16-Sep-25	09:30	40.8	71.5	5.1	43.75
18	AVU VDU Stack	16-Sep-25	14:30	40.8	59.8	5.34	90
19	DCU Heater-1 Stack	17-Sep-25	09:20	46.2	47.6	4.5	6.25
20	DCU Heater-2 Stack	17-Sep-25	14:10	42.5	49.8	4.27	2.5
21	CPP (UB1) STACK	18-Sep-25	09:30	48.2	87.4	4.84	2.5
22	CPP (UB2) STACK	18-Sep-25	14:20	44.5	119.4	4.45	5
23	HRSG-2 STACK	19-Sep-25	14:10	84.6	102.5	4.26	10
24	CPP (UB3) STACK	19-Sep-25	09:30	48.6	84.9	4.38	2.5
25	HRSG-3 STACK	20-Sep-25	09:20	49.3	145.6	4.28	18.75
26	HRSG-1 STACK	20-Sep-25	13:40	42.8	79.6	3.85	12.5
27	FCC RR Stack	22-Sep-25	09:30	46.3	61.8	13.37	85
28	FCC Heater Stack	22-Sep-25	14:30	56.1	119.6	4.48	12.5
29	DHDT Stack	23-Sep-25	09:30	48.7	42.3	4.23	6.25
30	VGOHT MHC-1 Stack	24-Sep-25	09:30	38.1	36.6	4.54	1.25
31	VGOHT MHC-2 Stack	24-Sep-25	14:10	40.7	42.6	4.76	1.25
32	SARU Process Air Heater Stack	25-Sep-25	09:40	47.5	41.3	3.77	2.5
33	KHDS Stack	26-Sep-25	14:00	48.5	51.6	4.22	1.25
34	SRU/TGTU Stack	27-Sep-25	09:30	1620.4	214.3	13.27	83.75

TERMS AND CONDITION: -

1. The Test result is relevant only to the item tested.
2. This report shall not be reproduced in full or part without written approval of Visiontek consultancy services. (P) Ltd.
3. The laboratory is not responsible for the authenticity of photocopied test report.
4. The test item will not be retained for more than 15 days from the date of issue of test report except in case as required by applicable regulations.
5. The laboratory's responsibility under this report is limited to; proven willful negligence.

Reviewed by **Approved by**

Plot No.- M-22 & 23, Chandaka Industrial Estate, Patia, Bhubaneswar, Khordha, Odisha-751024, India Tel.: 0674-3511721
E-mail: visiontek@visiontek.org, visiontekin@gmail.com
Visit us at: www.visiontek.org

Annexure-3

NHMC & Benzene Monitoring Report

IndianOil

INDIAN OIL CORPORATION LIMITED

PARADIP REFINERY

QUALITY CONTROL LABORATORY

VOC/FUGITIVE EMISSION SUMMARY: 2025-26 Report

Source of sample: Inside the Plant

Reason for testing: VOC/Fugitive Emission (Non Methane Hydrocarbons-NMHC) study

Sample drawn by: QC Lab/ HSE representative

Test report No: PDR/QC/FE-NMHC/2025-26/Q1-Q2

Date of sample		**Dt: 17.06.2025**	**Dt: 15.09.2025**
Sl No	**Test Method**	**NMHC (ppm)**	**NMHC (ppm)**
1	UOP 539	<100	<100

Dr. RC Sahu
QCM
IOCL, Paradip Refinery

22.09.2025

Annexure-4

VOC Monitoring Report

IndianOil

INDIAN OIL CORPORATION LIMITED

PARADIP REFINERY

QUALITY CONTROL LABORATORY

VOC (FUGITIVE EMISSION) SUMMARY: 2025-26, Test Report

Source of sample: Inside the Plant

Reason for testing: VOC (Fugitive Emission) Study

Sample drawn by: QC Lab Representative

Test report No: PDR/QC/FE/2025-26/01 **Date: 16.07.2025**

Sl. No.	UNIT	Number of equipments taken for measurement	Date of Measurement	Test Results of VOC (kg/hr)
1	AVU	141	25.06.2025 – 30.06.2025	0.02868
2	CCR	29	30.06.2025	0.00598
3	NHT	48	01.07.2025	0.01855
4	DHDT	39	11.06.2025	0.00342
5	VGOHDT	90	11.06.2025 - 14.06.2025	0.02329
6	DCU	36	30.06.2025	0.02027
7	SARU	20	30.06.2025	0.00000
8	ALK & BUTAMER	32	20.06.2025	0.00343
9	KTU	17	30.06.2025	0.01595
10	FCC - INDMAX	27	20.06.2025	0.01220
11	KHDS	12	26.06.2025	0.00674
TOTAL		491	11.06.2025 - 01.07.2025	**0.13851**

Dr. RC Sahu
QCM
Indian Oil Corporation Ltd
Paradip Refinery

IndianOil

INDIAN OIL CORPORATION LIMITED

PARADIP REFINERY

QUALITY CONTROL LABORATORY

VOC (FUGITIVE EMISSION) SUMMARY: 2025-26, Test Report

Source of sample: Inside the Plant

Reason for testing: VOC (Fugitive Emission) Study

Sample drawn by: QC Lab Representative

Test report No: PDR/QC/FE/2025-26/02 **Date: 13.10.2025**

Sl. No.	UNIT	Number of equipments taken for measurement	Date of Measurement	Test Results of VOC (kg/hr)
1	AVU	141	17.09.2025 – 20.09.2025	0.02446
2	CCR	29	10.09.2025	0.00649
3	NHT	48	12.09.2025	0.01721
4	DHDT	39	24.09.2025 & 27.09.2025	0.03442
5	VGOHDT	90	06.09.2025 & 09.09.2025	0.02040
6	DCU	36	16.09.2025	0.01804
7	SARU	20	10.09.2025	0.00000
8	ALK & BUTAMER	32	27.09.2025	0.00324
9	KTU	17	01.10.2025	0.01296
10	FCC - INDMAX	27	27.09.2025	0.00954
11	KHDS	12	03.09.2025	0.00606
TOTAL		491	03.09.2025 - 01.10.2025	**0.15282**

Dr. RC Sahu
QCM
Indian Oil Corporation Ltd
Paradip Refinery

13.10.2025

Annexure-5

Ambient Air Quality Report

IndianOil

INDIAN OIL CORPORATION LIMITED

PARADIP REFINERY

QUALITY CONTROL LABORATORY

AAQMS TEST REPORT JULY-2025

TC-7180

Source of sample: AAQMS-1, 2, 3, 4, 5, 6 & 7 (All Ambient Air Monitoring Stations)

Date of Sample: 03, 07, 10, 14, 17, 21, 24, 28, 31.07.2025

Test report No: PDR/QC/AAQM/2025-2026/04 **Date: 05.08.2025**

S. No.	Parameter	UoM	Limit	AAQMS-1: Main Gate			AAQMS-2: IOTL Tech Bld			AAQMS-3: LT Flare			AAQMS-4: IOT Loading Area			AAQMS-5: ETP area			AAQMS-6: S-Fire Station/QCLab.			AAQMS-7: Incinerator		
				Avg.	Min	Max	Avg.	Min	Max	Avg.	Min	Max	Avg.	Min	Max	Avg.	Min	Max	Avg.	Min	Max	Avg.	Min	Max
1	PM2.5	µg/m^3	60 Max	36.7	30.0	47.0	36.6	28.0	49.0	32.3	26.0	42.0	27.1	25.0	31.0	37.5	36.0	40.0	32.8	27.0	45.0	29.7	25.0	34.0
2	PM10	µg/m^3	100 Max	75.7	67.0	94.0	76.3	68.0	98.0	66.4	55.0	83.0	57.2	53.0	67.0	76.5	70.0	85.0	70.0	60.0	92.0	62.8	53.0	70.0
3	Ozone	µg/m^3	100 Max	29.90	26.08	35.36	31.89	26.98	39.03	31.2	25.1	40.6	32.80	25.70	39.41	34.78	30.92	38.45	30.61	24.35	39.61	30.34	23.49	39.32
4	Ammonia	µg/m^3	400 Max	30.89	24.73	36.42	33.51	25.44	39.65	32.5	26.1	38.9	33.29	27.25	41.16	35.14	31.25	40.21	30.96	23.38	36.64	31.04	25.49	34.65
5	NO_X	µg/m^3	80 Max	70.7	62.0	75.0	69.8	64.0	74.0	69.7	65.0	74.0	68.4	63.0	75.0	66.0	64.0	68.0	66.8	59.0	71.0	68.2	63.0	73.0
6	Benzene	µg/m3	5 Max	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	BenzoPyrene	ng/m3	1 Max	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	SO_X	µg/m^3	80 Max	36.2	28.0	43.0	39.0	32.0	44.0	35.2	27.0	43.0	39.7	28.0	46.0	38.5	32.0	41.0	37.2	33.0	46.0	36.0	30.0	39.0
9	Pb	µg/m^3	1 Max	0.011	0.008	0.015	0.012	0.009	0.017	0.0	0.0	0.0	0.029	0.008	0.180	0.013	0.011	0.015	0.013	0.009	0.021	0.011	0.008	0.013
10	As	ng/m^3	6 Max	0.27	0.17	0.32	0.26	0.21	0.32	0.2	0.1	0.3	0.21	0.01	0.30	0.24	0.17	0.34	0.26	0.22	0.30	0.21	0.17	0.28
11	Ni	ng/m^3	20 Max	8.88	7.09	11.69	8.30	6.48	10.78	7.5	6.0	8.6	6.15	5.47	7.84	8.28	7.39	9.46	7.77	5.91	11.59	6.64	5.59	7.43
12	CO	mg/m^3	2 Max																0.14	0.12	0.22			

Note: 1. Customer Information: Indian Oil Corporation Limited, Paradip Refinery, HSE Department.
2. Sample details: Sample collected by QC personnel and received as such.
3. The results relate only to the samples collected.
4. All tests/analyses performed at PDR Quality Control Laboratory as per applicable test methods, unless otherwise stated without any deviations to test method.
5. Customer confidential information shall be maintained as per customer agreement, if any.
6. This report shall not be produced except in full, without the written approval of Quality Control Laboratory, Paradip Refinery.
7. All test methods referred to in this certificate include a precision statement. The interpretation of results based on test method/ precision shall be used whenever applicable.
8. Laboratory Environmental Condition: 23±2 °C and 65 ± 10 %RH.

Dr. RC Sahu
Quality Control Manager
Indian Oil Corporation Ltd
Paradip Refinery

IndianOil

INDIAN OIL CORPORATION LIMITED

PARADIP REFINERY

QUALITY CONTROL LABORATORY

AAQMS TEST REPORT JUNE-2025

Source of sample: AAQMS-1, 2, 3, 4, 5, 6 & 7 (All Ambient Air Monitoring Stations)

Date of Sample: 02, 05, 09, 12, 16, 19, 23, 26, 30.06.2025

Test report No: PDR/QC/AAQM/2025-2026/03

Date: 05.07.2025

S. No.	Parameter	UoM	Limit	AAQMS-1: Main Gate			AAQMS-2: IOTL Tech Bld			AAQMS-3: LT Flare			AAQMS-4: IOT Loading Area			AAQMS-5: ETP area			AAQMS-6: S-Fire Station/QCLab.			AAQMS-7: Incinerator		
				Avg.	Min	Max	Avg.	Min	Max	Avg.	Min	Max	Avg.	Min	Max	Avg.	Min	Max	Avg.	Min	Max	Avg.	Min	Max
1	PM2.5	µg/m^3	60 Max	38.0	31.0	45.0	39.2	31.0	46.0	33.0	28.0	38.0	29.0	25.0	34.0	37.3	31.0	42.0	39.8	30.0	47.0	30.1	25.0	34.0
2	PM10	µg/m^3	100 Max	80.1	71.0	94.0	80.0	63.0	95.0	70.6	60.0	83.0	61.8	57.0	70.0	79.8	64.0	87.0	84.1	68.0	95.0	65.3	54.0	75.0
3	Ozone	µg/m^3	100 Max	35.45	29.56	41.15	35.65	29.04	41.18	34.2	24.7	39.1	34.84	27.37	42.44	33.78	23.88	38.89	34.80	27.61	40.62	33.73	25.82	39.64
4	Ammonia	µg/m^3	400 Max	36.80	32.88	39.89	37.17	34.08	40.92	35.4	29.6	39.9	37.25	34.60	40.28	35.09	31.30	38.89	35.71	30.86	39.49	35.38	31.38	38.08
5	NO_X	µg/m^3	80 Max	70.1	63.0	77.0	70.1	64.0	75.0	67.6	61.0	75.0	70.4	65.0	75.0	69.1	65.0	74.0	70.6	65.0	74.0	69.1	63.0	74.0
6	Benzene	µg/m3	5 Max	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	BenzoPyrene	ng/m3	1 Max	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	SO_X	µg/m^3	80 Max	38.4	34.0	43.0	41.9	34.0	45.0	36.0	33.0	39.0	40.4	37.0	45.0	40.6	36.0	46.0	38.0	34.0	42.0	39.1	36.0	46.0
9	Pb	µg/m^3	1 Max	0.013	0.008	0.021	0.012	0.008	0.021	0.0	0.0	0.0	0.011	0.008	0.016	0.013	0.009	0.018	0.013	0.010	0.018	0.010	0.008	0.013
10	As	ng/m^3	6 Max	0.32	0.24	0.36	0.30	0.22	0.38	0.3	0.2	0.3	0.26	0.18	0.35	0.27	0.18	0.36	0.29	0.19	0.40	0.25	0.19	0.32
11	Ni	ng/m^3	20 Max	9.07	7.59	11.21	9.06	6.31	11.59	7.4	5.7	9.3	6.50	5.89	7.82	8.92	7.15	9.92	9.96	7.09	10.98	6.83	5.69	8.29
12	CO	mg/m^3	2 Max																0.23	0.01	0.29			

Note: 1. Customer Information: Indian Oil Corporation Limited, Paradip Refinery, HSE Department.
2. Sample details: Sample collected by QC personnel and received as such.
3. The results relate only to the samples collected.
4. All tests/analyses performed at PDR Quality Control Laboratory as per applicable test methods, unless otherwise stated without any deviations to test method.
5. Customer confidential information shall be maintained as per customer agreement, if any.
6. This report shall not be produced except in full, without the written approval of Quality Control Laboratory, Paradip Refinery.
7. All test methods referred to in this certificate include a precision statement. The interpretation of results based on test method/ precision shall be used whenever applicable.
8. Laboratory Environmental Condition: 23±2 °C and 65 ± 10 %RH.

Dr. RC Sahu
Quality Control Manager
Indian Oil Corporation Ltd
Paradip Refinery

IndianOil

INDIAN OIL CORPORATION LIMITED

PARADIP REFINERY

QUALITY CONTROL LABORATORY

AAQMS TEST REPORT MAY-2025

Source of sample: AAQMS-1, 2, 3, 4, 5, 6 & 7 (All Ambient Air Monitoring Stations)

Date of Sample: 01, 05, 08, 12, 15, 19, 22, 26, 29.05.2025

Test report No: PDR/QC/AAQM/2025-2026/02

Date: 11.06.2025

S. No.	Parameter	UoM	Limit	AAQMS-1: Main Gate			AAQMS-2: IOTL Tech Bld			AAQMS-3: LT Flare			AAQMS-4: IOT Loading Area			AAQMS-5: ETP area			AAQMS-6: S-Fire Station/QCLab.			AAQMS-7: Incinerator		
				Avg.	Min	Max	Avg.	Min	Max	Avg.	Min	Max	Avg.	Min	Max	Avg.	Min	Max	Avg.	Min	Max	Avg.	Min	Max
1	PM2.5	µg/m^3	60 Max	35.5	31.0	41.0	42.1	28.0	48.0	33.6	25.0	42.0	27.7	23.0	34.0	33.3	26.0	38.0	28.8	25.0	34.0	28.3	25.0	32.0
2	PM10	µg/m^3	100 Max	75.8	67.0	85.0	87.2	60.0	99.0	68.3	52.0	81.0	59.9	51.0	74.0	69.3	59.0	77.0	61.7	49.0	77.0	59.8	51.0	70.0
3	Ozone	µg/m^3	100 Max	30.52	27.44	34.72	34.83	28.66	42.49	35.0	30.5	39.4	35.68	30.34	40.97	35.31	31.88	41.92	35.24	29.08	40.62	35.65	29.56	40.53
4	Ammonia	µg/m^3	400 Max	38.07	36.20	39.57	37.57	33.08	41.04	36.3	32.0	39.5	37.68	34.05	43.26	36.17	25.37	42.73	35.59	29.34	43.00	34.59	27.70	38.59
5	NO_X	µg/m^3	80 Max	70.3	67.0	75.0	69.3	63.0	74.0	68.4	63.0	75.0	72.3	64.0	76.0	65.1	59.0	71.0	66.7	62.0	73.0	65.1	59.0	72.0
6	Benzene	µg/m3	5 Max	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	BenzoPyrene	ng/m3	1 Max	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	SO_X	µg/m^3	80 Max	38.3	35.0	41.0	39.4	32.0	49.0	37.9	31.0	43.0	42.6	37.0	47.0	37.8	35.0	41.0	37.1	32.0	45.0	36.9	31.0	40.0
9	Pb	µg/m^3	1 Max	0.012	0.009	0.016	0.014	0.011	0.017	0.0	0.0	0.0	0.012	0.009	0.017	0.011	0.009	0.013	0.012	0.008	0.017	0.011	0.009	0.013
10	As	ng/m^3	6 Max	0.26	0.23	0.28	0.29	0.20	0.35	0.3	0.2	0.4	0.24	0.18	0.33	0.24	0.16	0.28	0.27	0.19	0.34	0.23	0.02	0.32
11	Ni	ng/m^3	20 Max	8.74	7.21	9.72	10.37	6.53	12.17	7.9	6.6	10.4	6.74	5.39	8.45	8.15	6.43	9.32	6.98	5.08	9.07	6.84	5.36	8.05
12	CO	mg/m^3	2 Max																0.22	0.17	0.28			

Note: 1. Customer Information: Indian Oil Corporation Limited, Paradip Refinery, HSE Department.
2. Sample details: Sample collected by QC personnel and received as such.
3. The results relate only to the samples collected.
4. All tests/analyses performed at PDR Quality Control Laboratory as per applicable test methods, unless otherwise stated without any deviations to test method.
5. Customer confidential information shall be maintained as per customer agreement, if any.
6. This report shall not be produced except in full, without the written approval of Quality Control Laboratory, Paradip Refinery.
7. All test methods referred to in this certificate include a precision statement. The interpretation of results based on test method/ precision shall be used whenever applicable.
8. Laboratory Environmental Condition: 23±2 °C and 65 ± 10 %RH.

Dr. RC Sahu
Quality Control Manager
Indian Oil Corporation Ltd
Paradip Refinery

IndianOil

INDIAN OIL CORPORATION LIMITED

PARADIP REFINERY

QUALITY CONTROL LABORATORY

AAQMS TEST REPORT APRIL-2025

Source of sample: AAQMS-1, 2, 3, 4, 5, 6 & 7 (All Ambient Air Monitoring Stations)

Date of Sample: 03, 07, 10, 14, 17, 21, 24, 28.04.2025

Test report No: PDR/QC/AAQM/2025-2026/01

Date: 03.05.2025

S. No.	Parameter	UoM	Limit	AAQMS-1: Main Gate			AAQMS-2: IOTL Tech Bld			AAQMS-3: LT Flare			AAQMS-4: IOT Loading Area			AAQMS-5: ETP area			AAQMS-6: S-Fire Station/QCLab.			AAQMS-7: Incinerator		
				Avg.	Min	Max	Avg.	Min	Max	Avg.	Min	Max	Avg.	Min	Max	Avg.	Min	Max	Avg.	Min	Max	Avg.	Min	Max
1	PM2.5	µg/m^3	60 Max	33.5	28.0	37.0	40.4	36.0	47.0	33.8	26.0	43.0	29.0	23.0	34.0	34.5	32.0	37.0	29.1	26.0	31.0	27.6	25.0	33.0
2	PM10	µg/m^3	100 Max	70.8	65.0	77.0	81.5	69.0	90.0	68.6	56.0	88.0	60.6	51.0	71.0	69.3	67.0	72.0	60.2	55.0	64.0	58.3	53.0	64.0
3	Ozone	µg/m^3	100 Max	34.40	29.70	37.29	38.25	34.29	41.41	36.4	26.3	40.6	38.03	33.21	42.44	38.55	35.36	41.16	32.81	29.75	36.71	32.02	27.63	37.06
4	Ammonia	µg/m^3	400 Max	34.83	32.30	37.12	37.93	35.36	39.86	35.6	29.6	39.1	38.70	34.44	41.68	36.26	34.58	38.63	33.82	31.35	37.18	35.42	32.67	39.88
5	NO_X	µg/m^3	80 Max	67.0	64.0	71.0	72.0	64.0	75.0	69.4	63.0	74.0	70.9	65.0	75.0	69.8	65.0	73.0	68.4	63.0	74.0	69.0	59.0	73.0
6	Benzene	µg/m3	5 Max	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	BenzoPyrene	ng/m3	1 Max	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	SO_X	µg/m^3	80 Max	38.0	37.0	39.0	42.6	39.0	46.0	39.8	35.0	46.0	42.5	38.0	46.0	38.5	36.0	41.0	36.4	33.0	41.0	38.0	34.0	43.0
9	Pb	µg/m^3	1 Max	0.015	0.012	0.018	0.022	0.017	0.028	0.0	0.0	0.0	0.015	0.011	0.019	0.013	0.009	0.016	0.011	0.008	0.013	0.013	0.009	0.015
10	As	ng/m^3	6 Max	0.25	0.21	0.29	0.33	0.25	0.37	0.3	0.2	0.4	0.21	0.16	0.26	0.28	0.18	0.38	0.17	0.11	0.25	0.22	0.14	0.29
11	Ni	ng/m^3	20 Max	9.00	7.91	10.95	8.50	6.82	10.32	7.6	6.4	10.3	6.79	5.31	8.51	7.95	6.57	9.87	6.60	5.89	7.38	6.36	5.82	6.82
12	CO	mg/m^3	2 Max																0.26	0.23	0.28			

Note: 1. Customer Information: Indian Oil Corporation Limited, Paradip Refinery, HSE Department.
2. Sample details: Sample collected by QC personnel and received as such.
3. The results relate only to the samples collected.
4. All tests/analyses performed at PDR Quality Control Laboratory as per applicable test methods, unless otherwise stated without any deviations to test method.
5. Customer confidential information shall be maintained as per customer agreement, if any.
6. This report shall not be produced except in full, without the written approval of Quality Control Laboratory, Paradip Refinery.
7. All test methods referred to in this certificate include a precision statement. The interpretation of results based on test method/ precision shall be used whenever applicable.
8. Laboratory Environmental Condition: 23±2 °C and 65 ± 10 %RH.

Dr. RC Sahu
Quality Control Manager
Indian Oil Corporation Ltd
Paradip Refinery

INDIAN OIL CORPORATION LIMITED

PARADIP REFINERY

QUALITY CONTROL LABORATORY

AAQMS TEST REPORT SEPTEMBER-2025

Source of sample: AAQMS-1, 2, 3, 4, 5, 6 & 7 (All Ambient Air Monitoring Stations)

Date of Sample: 01, 04, 08, 11, 15, 18, 22, 25, 29.09.2025

Test report No: PDR/QC/AAQM/2025-2026/06

Date: 04.10.2025

S. No.	Parameter	UoM	Limit	AAQMS-1: Main Gate			AAQMS-2: IOTL Tech Bld			AAQMS-3: LT Flare			AAQMS-4: IOT Loading Area			AAQMS-5: ETP area			AAQMS-6: S-Fire Station/QCLab.			AAQMS-7: Incinerator		
				Avg.	Min	Max	Avg.	Min	Max	Avg.	Min	Max	Avg.	Min	Max	Avg.	Min	Max	Avg.	Min	Max	Avg.	Min	Max
1	PM2.5	µg/m^3	60 Max	39.1	29.0	43.0	39.6	33.0	43.0	34.7	27.0	38.0	28.4	26.0	31.0	35.3	32.0	38.0	33.6	31.0	35.0	29.2	27.0	32.0
2	PM10	µg/m^3	100 Max	76.9	71.0	83.0	78.0	71.0	83.0	70.7	66.0	77.0	62.7	56.0	68.0	70.9	66.0	74.0	69.4	65.0	78.0	61.7	59.0	65.0
3	Ozone	µg/m^3	100 Max	28.5	26.1	32.5	28.4	25.3	31.4	28.9	26.4	30.7	28.0	24.9	35.7	29.6	25.7	33.9	28.0	24.8	33.0	29.0	26.9	31.9
4	Ammonia	µg/m^3	400 Max	29.3	25.3	38.6	30.9	24.1	36.1	29.1	25.6	35.8	31.5	26.4	38.2	30.6	28.0	34.9	29.8	24.5	37.2	29.2	25.2	34.8
5	NO_X	µg/m^3	80 Max	68.4	63.0	73.0	69.1	64.0	76.0	68.7	63.0	74.0	67.9	60.0	75.0	68.0	61.0	75.0	65.8	57.0	71.0	65.4	61.0	73.0
6	Benzene	µg/m3	5 Max	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	BenzoPyrene	ng/m3	1 Max	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	SO_X	µg/m^3	80 Max	33.6	28.0	41.0	37.0	30.0	43.0	36.4	31.0	41.0	34.4	26.0	41.0	35.9	28.0	42.0	32.9	29.0	39.0	34.0	30.0	40.0
9	Pb	µg/m^3	1 Max	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	As	ng/m^3	6 Max	0.3	0.3	0.3	0.2	0.2	0.3	0.2	0.2	0.3	0.2	0.2	0.3	0.3	0.1	0.3	0.2	0.2	0.3	0.2	0.2	0.3
11	Ni	ng/m^3	20 Max	8.8	7.6	9.9	9.1	8.2	10.3	7.9	6.5	9.1	6.2	5.2	6.9	8.1	7.2	8.7	7.6	6.5	9.0	6.3	5.4	6.9
12	CO	mg/m^3	2 Max																0.2	0.1	0.3			

Note: 1. Customer Information: Indian Oil Corporation Limited, Paradip Refinery, HSE Department.
2. Sample details: Sample collected by QC personnel and received as such.
3. The results relate only to the samples collected.
4. All tests/analyses performed at PDR Quality Control Laboratory as per applicable test methods, unless otherwise stated without any deviations to test method.
5. Customer confidential information shall be maintained as per customer agreement, if any.
6. This report shall not be produced except in full, without the written approval of Quality Control Laboratory, Paradip Refinery.
7. All test methods referred to in this certificate include a precision statement. The interpretation of results based on test method/ precision shall be used whenever applicable.
8. Laboratory Environmental Condition: 23±2 °C and 65 ± 10 %RH.

Dr. RC Sahu
Quality Control Manager
Indian Oil Corporation Ltd
Paradip Refinery

INDIAN OIL CORPORATION LIMITED

PARADIP REFINERY

QUALITY CONTROL LABORATORY

AAQMS TEST REPORT AUGUST-2025

Source of sample: AAQMS-1, 2, 3, 4, 5, 6 & 7 (All Ambient Air Monitoring Stations)

Date of Sample: 04, 07, 11, 14, 18, 21, 25, 28.08.2025

Test report No: PDR/QC/AAQM/2025-2026/05

Date: 06.09.2025

S. No.	Parameter	UoM	Limit	AAQMS-1: Main Gate			AAQMS-2: IOTL Tech Bld			AAQMS-3: LT Flare			AAQMS-4: IOT Loading Area			AAQMS-5: ETP area			AAQMS-6: S-Fire Station/QCLab.			AAQMS-7: Incinerator		
				Avg.	Min	Max	Avg.	Min	Max	Avg.	Min	Max	Avg.	Min	Max	Avg.	Min	Max	Avg.	Min	Max	Avg.	Min	Max
1	PM2.5	$\mu g/m^3$	60 Max	25.2	15.0	38.0	28.1	17.0	47.0	21.1	11.0	40.0	19.6	11.0	30.2	33.0	29.0	35.0	30.8	27.0	33.0	27.6	25.0	31.0
2	PM10	$\mu g/m^3$	100 Max	53.1	24.0	78.0	73.1	29.0	172.0	41.5	25.0	75.0	39.0	22.0	61.0	66.6	63.0	70.0	63.3	57.0	68.0	58.9	55.0	62.0
3	Ozone	$\mu g/m^3$	100 Max	32.5	24.0	42.5	31.1	19.2	40.6	32.4	24.1	39.3	31.6	22.3	40.8	29.8	24.8	33.8	29.0	25.3	33.9	29.4	25.9	36.2
4	Ammonia	$\mu g/m^3$	400 Max	44.5	27.3	66.0	48.6	27.0	93.0	45.8	26.4	86.7	43.6	25.7	66.4	34.0	29.0	38.8	31.0	25.7	36.3	30.3	27.9	34.3
5	NO_X	$\mu g/m^3$	80 Max	33.9	12.0	76.0	35.8	12.0	74.0	34.1	13.0	72.0	32.7	11.0	73.0	66.0	63.0	71.0	66.1	60.0	72.0	66.6	62.0	70.0
6	Benzene	µg/m3	5 Max	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	BenzoPyrene	ng/m3	1 Max	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	SO_X	$\mu g/m^3$	80 Max	26.6	14.0	53.0	27.5	14.0	54.0	23.6	12.3	44.0	26.5	12.0	59.0	35.2	33.0	38.0	31.5	28.0	38.0	31.1	27.0	35.0
9	Pb	$\mu g/m^3$	1 Max	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	As	ng/m^3	6 Max	0.2	0.1	0.4	0.3	0.2	0.6	0.3	0.1	0.5	0.2	0.0	0.5	0.2	0.2	0.3	0.2	0.2	0.3	0.2	0.2	0.3
11	Ni	ng/m^3	20 Max	5.3	3.0	9.4	6.1	3.1	9.1	4.9	2.8	9.5	4.4	2.8	7.0	7.2	6.5	8.4	7.4	6.2	8.2	6.1	5.3	6.5
12	CO	mg/m^3	2 Max																0.2	0.1	0.3			

Note: 1. Customer Information: Indian Oil Corporation Limited, Paradip Refinery, HSE Department.
2. Sample details: Sample collected by QC personnel and received as such.
3. The results relate only to the samples collected.
4. All tests/analyses performed at PDR Quality Control Laboratory as per applicable test methods, unless otherwise stated without any deviations to test method.
5. Customer confidential information shall be maintained as per customer agreement, if any.
6. This report shall not be produced except in full, without the written approval of Quality Control Laboratory, Paradip Refinery.
7. All test methods referred to in this certificate include a precision statement. The interpretation of results based on test method/ precision shall be used whenever applicable.
8. Laboratory Environmental Condition: 23±2 °C and 65 ± 10 %RH.

Dr. RC Sahu
Quality Control Manager
Indian Oil Corporation Ltd
Paradip Refinery

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Table: 4 Period of Monitoring: April 2025

Location: South Fire Station

Day	Date of Sampling	ULR No	Concentration of Pollutants											
			Particulate Matter (PM2.5) µg/m3	Particulate Matter (PM10) µg/m3	Sulphur Dioxide (as SO2) µg/m3	Nitrogen Dioxide (as NO2) ug/m3	Ozone (as O3) ug/m3	Lead (as Pb[1]) µg/ m3	Carbon Monoxide (as CO) mg/m3	Ammonia (as NH3) ug/m3	Nickel (as Ni[2]) ng/m^3	Arsenic (as As[3]) ng/m3	Benzo (a) pyrene (as BAP[4]) ng/m^3	Benzene (C6H6[5]) ug/m3
Wed. /Thu.	02/04/2025	TC148142500002127F	32.90	81.30	24.30	31.10	25.20	ND	1.10	52.40	ND	ND	ND	ND
Fri. /Sat.	04/04/2025	TC148142500002196F	31.20	80.60	23.40	28.30	27.40	ND	1.30	55.20	ND	ND	ND	ND
Tue./Wed.	08/04/2025	TC148142500002261F	34.18	71.20	32.10	26.30	16.30	ND	1.20	35.20	ND	ND	ND	ND
Fri. /Sat.	11/04/2025	TC148142500002330F	37.20	77.10	26.25	29.10	15.20	ND	1.07	46.10	ND	ND	ND	ND
Tue. /Wed.	15/04/2025	TC148142500002403F	27.77	81.20	20.20	37.20	25.10	ND	1.21	50.10	ND	ND	ND	ND
Fri. /Sat.	18/04/2025	TC148142500002466F	29.05	83.30	32.10	31.10	16.50	ND	1.09	56.20	ND	ND	ND	ND
Tue./Wed.	22/04/2025	TC148142500002520F	20.08	69.40	30.30	35.20	32.20	ND	1.06	40.40	ND	ND	ND	ND
Fri. /Sat.	25/04/2025	TC148142500002579F	31.18	77.10	13.10	29.40	16.10	ND	1.21	54.10	ND	ND	ND	ND
No. of Observation			8	8	8	8	8	8	8	8	8	8	8	8
Minimum			20.08	69.40	13.10	26.30	15.20	-	1.06	35.20	-	-	-	-
Maximum			37.20	83.30	32.10	37.20	32.20	-	1.30	56.20	-	-	-	-
Average			30.45	77.65	25.22	30.96	21.75	-	1.16	48.71	-	-	-	-
98th Percentile			36.78	83.02	32.10	36.92	31.53	-	1.29	56.06	-	-	-	-
NAAQM Standards			60	100	80	80	100	1	2	400	20	6	1	5
Test Method			40CFR Appendix L Part 53 CPCB Guidelines	IS:5182 (P-23)	IS:5182 (P-2)	IS:5182 (P-6)	IS:5182 (P-9)	NL/SOP/ AAQ-11	IS:5182 (P-10)	Method of Air Sampling & Analysis	NL/SOP/ AAQ-13	NL/SOP/ AAQ-12	IS:5182 (P-12)	IS:5182 (P-11)

Remark:
*NAAQS: National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)], [Part-II-sec.-3(i)] 16.11.2009, *Performed at 43, Sector-1A Ext., Bhatta Enclave, Channi Himmat, Jammu, J&K (UT) of NITYA Labs, Sample Analysed within Five days after Receipt.
*ND-Not Detected, [3]Arsenic-ND[DL- 0.5],[4]BAP-ND[DL- 0.5], [5]Benzene-ND[DL- 0.5], [1]Lead-ND[DL- 0.5],[2]Nickel-ND[DL- 1.0]

TC-14814

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(AUTHORISED SIGNATORY)

(RAVINDER MITTAL)

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Table: 5 Period of Monitoring: April 2025 **Location: Secured Landfill Area**

Day	Date of Sampling	ULR No	Concentration of Pollutants											
			Particulate Matter (PM2.5) µg/m3	Particulate Matter (PM10) µg/m3	Sulphur Dioxide (as SO2) µg/m3	Nitrogen Dioxide (as NO2) ug/m3	Ozone (as O3) ug/m3	Lead (as Pb[1]) µg/ m3	Carbon Monoxide (as CO) mg/m3	Ammonia (as NH3) ug/m3	Nickel (as Ni[2]) ng/m^3	Arsenic (as As[3]) ng/m3	Benzo (a) pyrene (as BAP[4]) ng/m^3	Benzene (C6H6[5]) ug/m3
Wed. /Thu.	02/04/2025	TC148142500002128F	18.80	80.20	18.10	21.25	23.10	ND	1.04	50.10	ND	ND	ND	ND
Fri. /Sat.	04/04/2025	TC148142500002197F	29.05	62.10	24.30	36.10	24.20	ND	1.22	48.20	ND	ND	ND	ND
Tue./Wed.	08/04/2025	TC148142500002262F	22.20	71.10	17.30	22.30	23.50	ND	1.51	34.10	ND	ND	ND	ND
Fri. /Sat.	11/04/2025	TC148142500002331F	35.04	84.30	20.00	23.10	18.05	ND	1.30	48.10	ND	ND	ND	ND
Tue. /Wed.	15/04/2025	TC148142500002404F	30.34	66.10	26.40	37.10	16.30	ND	1.11	52.25	ND	ND	ND	ND
Fri. /Sat.	18/04/2025	TC148142500002467F	31.19	62.20	33.10	40.10	26.10	ND	1.01	38.05	ND	ND	ND	ND
Tue./Wed.	22/04/2025	TC148142500002521F	32.05	74.10	14.30	38.40	17.00	ND	1.16	48.00	ND	ND	ND	ND
Fri. /Sat.	25/04/2025	TC148142500002580F	20.51	76.50	19.40	27.50	28.30	ND	1.06	43.40	ND	ND	ND	ND
No. of Observation			8	8	8	8	8	8	8	8	8	8	8	8
Minimum			18.80	62.10	14.30	21.25	16.30	-	1.01	34.10	-	-	-	-
Maximum			35.04	84.30	33.10	40.10	28.30	-	1.51	52.25	-	-	-	-
Average			27.40	72.08	21.61	30.73	22.07	-	1.18	45.28	-	-	-	-
98th Percentile			34.62	83.73	32.16	39.86	27.99	-	1.48	51.95	-	-	-	-
NAAQM Standards			60	100	80	80	100	1	2	400	20	6	1	5
Test Method			40CFR Appendix L Part 53 CPCB Guidelines	IS:5182 (P-23)	IS:5182 (P-2)	IS:5182 (P-6)	IS:5182 (P-9)	NL/SOP/ AAQ-11	IS:5182 (P-10)	Method of Air Sampling & Analysis	NL/SOP/ AAQ-13	NL/SOP/ AAQ-12	IS:5182 (P-12)	IS:5182 (P-11)

Remark:

* NAAQS: National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)], [Part-II-sec.-3(i)] 16.11.2009, *Performed at '43, Sector-1A, Bhalla Enclave, Channi Himmat, Jammu, J&K (UT) of NITYA Labs, Sample Analysed within Five days after Receipt.
* ND-Not Detected, [3]Arsenic-ND[DL- 0.5],[4]BAP-ND[DL- 0.5], [5]Benzene-ND[DL- 0.5], [1]Lead-ND[DL- 0.5],[2]Nickel-ND[DL- 1.0]

NITYA LABORATORIES Authorised

(AUTHORISED SIGNATORY)

(RAVINDER MITTAL)

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Table: 6 Period of Monitoring: April 2025

Location: Township Market Complex

Day	Date of Sampling	ULR No	Concentration of Pollutants											
			Particulate Matter (PM2.5) µg/m3	Particulate Matter (PM10) µg/m3	Sulphur Dioxide (as SO2) µg/m3	Nitrogen Dioxide (as NO2) ug/m3	Ozone (as O3) ug/m3	Lead (as Pb[1]) µg/ m3	Carbon Monoxide (as CO) mg/m3	Ammonia (as NH3) ug/m3	Nickel (as Ni[2]) ng/m³	Arsenic (as As[3]) ng/m3	Benzo (a) pyrene (as BAP[4]) ng/m³	Benzene (C6H6[5]) ug/m3
Wed. /Thu.	02/04/2025	TC148142500002129F	37.17	49.70	14.50	19.30	23.20	ND	1.04	49.60	ND	ND	ND	ND
Fri. /Sat.	04/04/2025	TC148142500002198F	34.18	58.40	13.40	35.40	23.90	ND	1.12	33.80	ND	ND	ND	ND
Tue./Wed.	08/04/2025	TC148142500002263F	29.48	50.30	28.50	39.80	16.80	ND	1.51	31.30	ND	ND	ND	ND
Fri. /Sat.	11/04/2025	TC148142500002332F	23.07	59.40	33.20	41.20	23.60	ND	0.89	45.20	ND	ND	ND	ND
Tue. /Wed.	15/04/2025	TC148142500002405F	25.21	55.60	29.60	38.80	20.60	ND	0.77	51.00	ND	ND	ND	ND
Fri. /Sat.	18/04/2025	TC148142500002468F	35.04	58.30	17.70	28.80	22.50	ND	1.15	53.20	ND	ND	ND	ND
Tue./Wed.	22/04/2025	TC148142500002522F	26.06	57.40	23.40	38.70	25.50	ND	1.20	47.20	ND	ND	ND	ND
Fri. /Sat.	25/04/2025	TC148142500002581F	38.03	52.20	27.40	24.40	20.00	ND	1.01	49.60	ND	ND	ND	ND
No. of Observation			8	8	8	8	8	8	8	8	8	8	8	8
Minimum			23.07	49.70	13.40	19.30	16.80	-	0.77	31.30	-	-	-	-
Maximum			38.03	59.40	33.20	41.20	25.50	-	1.51	53.20	-	-	-	-
Average			31.03	55.16	23.46	33.30	22.01	-	1.09	45.11	-	-	-	-
98th Percentile			37.91	59.26	32.70	41.00	25.28	-	1.47	52.89	-	-	-	-
NAAQM Standards			60	100	80	80	100	1	2	400	20	6	1	5
Test Method			40CFR Appendix L Part 53 CPCB Guidelines	IS:5182 (P-23)	IS:5182 (P-2)	IS:5182 (P-6)	IS:5182 (P-9)	NL/SOP/ AAQ-11	IS:5182 (P-10)	Method of Air Sampling & Analysis	NL/SOP/ AAQ-13	NL/SOP/ AAQ-12	IS:5182 (P-12)	IS:5182 (P-11)

Remark:

* NAAQS: National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)], [Part-II-sec.-3(i)] 16.11.2009, *Performed at *43, Sector Level-1, Bhatta Enclave, Channi Himmat, Jammu, J&K (UT) of NITYA Labs, Sample Analysed within Five days after Receipt.
* ND-Not Detected, [3]Arsenic-ND[DL- 0.5],[4]BAP-ND[DL- 0.5], [5]Benzene-ND[DL- 0.5], [1]Lead-ND[DL- 0.5],[2]Nickel-ND[DL- 1.0]

NITYA LABORATORIES Authorised

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(RAVINDER MITTAL)

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Table: 10 Period of Monitoring: April 2025

Location: South Oil Jetty

Day	Date of Sampling	ULR No	Concentration of Pollutants											
			Particulate Matter (PM2.5) µg/m3	Particulate Matter (PM10) µg/m3	Sulphur Dioxide (as SO2) µg/m3	Nitrogen Dioxide (as NO2) ug/m3	Ozone (as O3) ug/m3	Lead (as Pb[1]) µg/ m3	Carbon Monoxide (as CO) mg/m3	Ammonia (as NH3) ug/m3	Nickel (as Ni[2]) ng/m^3	Arsenic (as As[3]) ng/m3	Benzo (a) pyrene (as BAP[4]) ng/m^3	Benzene (C6H6[5]) ug/m3
Wed. /Thu.	02/04/2025	TC148142500002130F	34.20	74.20	30.40	35.20	29.50	ND	1.14	31.40	ND	ND	ND	ND
Fri. /Sat.	04/04/2025	TC148142500002199F	23.20	48.50	27.10	40.10	35.10	ND	1.18	44.60	ND	ND	ND	ND
Tue./Wed.	08/04/2025	TC148142500002264F	20.10	81.30	21.50	25.80	26.20	ND	1.13	46.20	ND	ND	ND	ND
Fri. /Sat.	11/04/2025	TC148142500002333F	21.50	83.40	23.20	27.90	30.60	ND	1.02	41.50	ND	ND	ND	ND
Tue. /Wed.	15/04/2025	TC148142500002406F	42.40	80.20	35.20	42.20	43.20	ND	1.27	38.20	ND	ND	ND	ND
Fri. /Sat.	18/04/2025	TC148142500002469F	44.60	81.60	34.10	43.50	40.60	ND	1.16	43.10	ND	ND	ND	ND
Tue./Wed.	22/04/2025	TC148142500002523F	21.80	78.10	26.50	29.10	25.50	ND	1.11	35.60	ND	ND	ND	ND
Fri. /Sat.	25/04/2025	TC148142500002582F	34.50	79.20	28.50	34.40	35.60	ND	1.19	41.20	ND	ND	ND	ND
No. of Observation			8	8	8	8	8	8	8	8	8	8	8	8
Minimum			20.10	48.50	21.50	25.80	25.50	-	1.02	31.40	-	-	-	-
Maximum			44.60	83.40	35.20	43.50	43.20	-	1.27	46.20	-	-	-	-
Average			30.29	76.81	28.31	34.78	33.29	-	1.15	40.23	-	-	-	-
98th Percentile			44.29	83.15	35.05	43.32	42.84	-	1.26	45.98	-	-	-	-
NAAQM Standards			60	100	80	80	100	1	2	400	20	6	1	5
Test Method			40CFR Appendix L Part 53 CPCB Guidelines	IS:5182 (P-23)	IS:5182 (P-2)	IS:5182 (P-6)	IS:5182 (P-9)	NL/SOP/ AAQ-11	IS:5182 (P-10)	Method of Air Sampling & Analysis	NL/SOP/ AAQ-13	NL/SOP/A AQ-12	IS:5182 (P-12)	IS:5182 (P-11)

Remark:
* NAAQS: National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)], [Part-II-sec.-3(i)] 16.11.2009, *Performed at *43, Sector-[illegible] Extension, Channi Himmat, Jammu, J&K (UT) of NITYA Labs, Sample Analysed within Five days after Receipt.
* ND-Not Detected, [3]Arsenic-ND[DL- 0.5],[4]BAP-ND[DL- 0.5], [5]Benzene-ND[DL- 0.5], [1]Lead-ND[DL- 0.5],[2]Nickel-ND[DL- 1.0]

NITYA LABORATORIES Authorised

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(RAVINDER MITTAL)

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Table: 4 Period of Monitoring: May 2025 **Location: South Fire Station**

Sampling Date	Particulate matter (PM_{10}) $\mu g/m^3$	Particulate matter (PM2.5) $\mu g/m^3$	Sulphur dioxide SO_2 $\mu g/m^3$	Oxides of nitrogen NO_2 $\mu g/m^3$	Carbon monoxide CO mg/m^3	Ozone (O_3) $\mu g/m^3$	Lead (Pb) $\mu g/m^3$	Ammonia (NH_3) $\mu g/m^3$	Benzene (C_6H_6) $\mu g/m^3$	Benzo (a) Pyrene (BaP) ng/m^3	Arsenic (As) ng/m^3	Nickel (Ni) ng/m^3
06-05-2025	75.5	32.6	20.6	28.1	0.68	18.5	<0.01	36.5	< 0.5	<0.5	< 5.0	< 5.0
09-05-2025	81.6	37.5	26.9	34.5	0.83	21.6	<0.01	41.1	< 0.5	<0.5	< 5.0	< 5.0
13-05-2025	73.9	28.6	24.4	31.9	0.59	19.1	<0.01	46.6	< 0.5	<0.5	< 5.0	< 5.0
16-05-2025	78.1	34.2	18.9	27.6	0.71	23.6	<0.01	50.8	< 0.5	<0.5	< 5.0	< 5.0
20-05-2025	83.2	38.2	28.9	22.1	0.64	20.2	<0.01	41.1	< 0.5	<0.5	< 5.0	< 5.0
23-05-2025	72.9	31.1	25.5	29.6	0.74	26.1	<0.01	38.4	< 0.5	<0.5	< 5.0	< 5.0
27-05-2025	75.4	33.5	31.1	24.3	0.69	22.8	<0.01	43.6	< 0.5	<0.5	< 5.0	< 5.0
30-05-2025	80.1	28.3	36.8	30.6	0.43	20.3	<0.01	47.7	< 0.5	<0.5	< 5.0	< 5.0
Minimum	72.9	28.6	18.9	22.1	0.59	18.5	-	36.5	-	-	-	-
Maximum	83.2	38.2	31.1	34.5	0.83	26.1	-	50.8	-	-	-	-
Average	77.2	33.6	25.1	28.3	0.69	21.7	-	42.5	-	-	-	-
NAAQM Standards	100	60	80	80	2.0	100	01	400	5	1	6	20
Method	**IS:5182 (P-23)**	**IS:5182 (P-24)**	**IS:5182 (P-2)**	**IS:5182 (P-6)**	**IS:5182 (P-10)**	**IS :5182 (P-9)**	**IS:5182 (P-22)**	**IS:5182 (P-25)**	**IS 5182 (P-11)**	**IS 5182 (P-12)**	**APHA-302**	**IS 5182 (P-26)**

*NAAQS: National Ambient Air Quality Standards

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Table: 5 Period of Monitoring: May 2025 **Location: Township Market Complex Area**

Sampling Date	Particulate matter (PM_{10}) $\mu g/m^3$	Particulate matter (PM2.5) $\mu g/m^3$	Sulphur dioxide SO_2 $\mu g/m^3$	Oxides of nitrogen NO_2 $\mu g/m^3$	Carbon monoxide CO mg/m^3	Ozone (O_3) $\mu g/m^3$	Lead (Pb) $\mu g/m^3$	Ammonia (NH_3) $\mu g/m^3$	Benzene (C_6H_6) $\mu g/m^3$	Benzo (a) Pyrene (BaP) ng/m^3	Arsenic (As) ng/m^3	Nickel (Ni) ng/m^3
06-05-2025	57.9	30.9	28.6	36.8	0.93	20.6	<0.01	48.8	< 0.5	<0.5	< 5.0	< 5.0
09-05-2025	66.4	37.7	35.6	30.1	0.77	26.4	<0.01	36.8	< 0.5	<0.5	< 5.0	< 5.0
13-05-2025	62.1	32.6	31.1	25.5	0.83	30.1	<0.01	56.6	< 0.5	<0.5	< 5.0	< 5.0
16-05-2025	55.5	28.1	23.2	28.8	0.72	24.3	<0.01	44.2	< 0.5	<0.5	< 5.0	< 5.0
20-05-2025	59.6	31.2	32.6	26.1	0.88	18.6	<0.01	61.3	< 0.5	<0.5	< 5.0	< 5.0
23-05-2025	64.8	34.1	18.9	24.2	0.80	20.3	<0.01	52.6	< 0.5	<0.5	< 5.0	< 5.0
27-05-2025	60.1	24.6	25.1	30.1	0.71	27.7	<0.01	61.3	< 0.5	<0.5	< 5.0	< 5.0
30-05-2025	57.7	26.1	30.3	28.7	0.64	25.1	<0.01	55.9	< 0.5	<0.5	< 5.0	< 5.0
Minimum	55.5	24.6	18.9	24.2	0.64	18.6	-	36.8	-	-	-	-
Maximum	66.4	37.7	35.6	36.8	0.93	30.1	-	61.3	-	-	-	-
Average	60.5	30.6	28.1	28.7	0.78	24.1	-	52.1	-	-	-	-
NAAQM Standards	100	60	80	80	2.0	100	01	400	5	1	6	20
Method	**IS:5182 (P-23)**	**IS:5182 (P-24)**	**IS:5182 (P-2)**	**IS:5182 (P-6)**	**IS:5182 (P-10)**	**IS :5182 (P-9)**	**IS:5182 (P-22)**	**IS:5182 (P-25)**	**IS 5182 (P-11)**	**IS 5182 (P-12)**	**APHA-302**	**IS 5182 (P-26)**

*NAAQS: National Ambient Air Quality Standards

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Table: 6 Period of Monitoring: May 2025 **Location: South Oil Jetty Area**

Sampling Date	Particulate matter (PM_{10}) $\mu g/m^3$	Particulate matter (PM2.5) $\mu g/m^3$	Sulphur dioxide SO_2 $\mu g/m^3$	Oxides of nitrogen NO_2 $\mu g/m^3$	Carbon monoxide CO mg/m^3	Ozone (O_3) $\mu g/m^3$	Lead (Pb) $\mu g/m^3$	Ammonia (NH_3) $\mu g/m^3$	Benzene (C_6H_6) $\mu g/m^3$	Benzo (a) Pyrene (BaP) ng/m^3	Arsenic (As) ng/m^3	Nickel (Ni) ng/m^3
06-05-2025	79.4	36.5	25.8	36.1	1.03	28.5	<0.01	46.9	< 0.5	<0.5	< 5.0	< 5.0
09-05-2025	84.7	40.1	29.1	42.3	0.94	35.1	<0.01	53.1	< 0.5	<0.5	< 5.0	< 5.0
13-05-2025	74.4	28.4	34.6	25.6	1.16	30.9	<0.01	41.9	< 0.5	<0.5	< 5.0	< 5.0
16-05-2025	80.1	38.3	28.1	32.2	0.81	22.5	<0.01	46.7	< 0.5	<0.5	< 5.0	< 5.0
20-05-2025	77.9	35.1	21.4	28.7	0.87	27.7	<0.01	56.1	< 0.5	<0.5	< 5.0	< 5.0
23-05-2025	85.1	29.3	31.6	24.9	0.91	21.5	<0.01	41.3	< 0.5	<0.5	< 5.0	< 5.0
27-05-2025	82.8	32.9	25.7	28.1	0.78	18.1	<0.01	48.8	< 0.5	<0.5	< 5.0	< 5.0
30-05-2025	68.8	25.1	31.3	19.6	0.59	23.4	<0.01	43.9	< 0.5	<0.5	< 5.0	< 5.0
Minimum	68.8	25.1	21.4	19.6	0.59	18.1	-	41.3	-	-	-	-
Maximum	85.1	40.1	34.6	42.3	1.16	35.1	-	56.1	-	-	-	-
Average	79.1	33.2	28.4	29.6	0.88	25.9	-	47.3	-	-	-	-
NAAQM Standards	100	60	80	80	2.0	100	01	400	5	1	6	20
Method	**IS:5182 (P-23)**	**IS:5182 (P-24)**	**IS:5182 (P-2)**	**IS:5182 (P-6)**	**IS:5182 (P-10)**	**IS :5182 (P-9)**	**IS:5182 (P-22)**	**IS:5182 (P-25)**	**IS 5182 (P-11)**	**IS 5182 (P-12)**	**APHA-302**	**IS 5182 (P-26)**

*NAAQS: National Ambient Air Quality Standards

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Table: 7 Period of Monitoring: May 2025 **Location: Secured Land Fill Area**

Sampling Date	Particulate matter (PM_{10}) $\mu g/m^3$	Particulate matter (PM2.5) $\mu g/m^3$	Sulphur dioxide SO_2 $\mu g/m^3$	Oxides of nitrogen NO_2 $\mu g/m^3$	Carbon monoxide CO mg/m^3	Ozone (O_3) $\mu g/m^3$	Lead (Pb) $\mu g/m^3$	Ammonia (NH_3) $\mu g/m^3$	Benzene (C_6H_6) $\mu g/m^3$	Benzo (a) Pyrene (BaP) ng/m^3	Arsenic (As) ng/m^3	Nickel (Ni) ng/m^3
06-05-2025	67.9	28.6	24.3	31.1	0.83	22.9	<0.01	51.6	< 0.5	<0.5	< 5.0	< 5.0
09-05-2025	70.1	33.2	21.6	27.7	0.71	17.7	<0.01	46.1	< 0.5	<0.5	< 5.0	< 5.0
13-05-2025	62.8	24.9	27.1	20.6	0.78	26.6	<0.01	55.2	< 0.5	<0.5	< 5.0	< 5.0
16-05-2025	65.6	18.1	23.6	23.9	0.92	20.3	<0.01	42.9	< 0.5	<0.5	< 5.0	< 5.0
20-05-2025	76.1	36.8	21.3	30.1	0.67	24.1	<0.01	37.7	< 0.5	<0.5	< 5.0	< 5.0
23-05-2025	68.4	25.5	26.4	22.6	0.82	28.7	<0.01	61.1	< 0.5	<0.5	< 5.0	< 5.0
27-05-2025	65.1	23.8	20.9	24.7	0.65	23.1	<0.01	55.8	< 0.5	<0.5	< 5.0	< 5.0
30-05-2025	72.8	33.2	28.7	33.1	0.72	21.9	<0.01	50.9	< 0.5	<0.5	< 5.0	< 5.0
Minimum	62.8	18.1	20.9	20.6	0.65	17.7	-	37.7	-	-	-	-
Maximum	76.1	36.8	28.7	33.1	0.92	28.7	-	61.1	-	-	-	-
Average	68.6	28.0	24.2	26.7	0.76	23.1	-	50.1	-	-	-	-
NAAQM Standards	100	60	80	80	2.0	100	01	400	5	1	6	20
Method	**IS:5182 (P-23)**	**IS:5182 (P-24)**	**IS:5182 (P-2)**	**IS:5182 (P-6)**	**IS:5182 (P-10)**	**IS :5182 (P-9)**	**IS:5182 (P-22)**	**IS:5182 (P-25)**	**IS 5182 (P-11)**	**IS 5182 (P-12)**	**APHA-302**	**IS 5182 (P-26)**

*NAAQS: National Ambient Air Quality Standards

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SV Enviro Labs & Research Pvt. Ltd. VSP-12

Table: 4 Period of Monitoring: June 2025 **Location: South Fire Station**

Sampling Date	Particulate matter (PM_{10}) $\mu g/m^3$	Particulate matter (PM2.5) $\mu g/m^3$	Sulphur dioxide SO_2 $\mu g/m^3$	Oxides of nitrogen NO_2 $\mu g/m^3$	Carbon monoxide CO mg/m^3	Ozone (O_3) $\mu g/m^3$	Lead (Pb) $\mu g/m^3$	Ammonia (NH_3) $\mu g/m^3$	Benzene (C_6H_6) $\mu g/m^3$	Benzo (a) Pyrene (BaP) ng/m^3	Arsenic (As) ng/m^3	Nickel (Ni) ng/m^3
03-06-2025	72.8	27.6	15.4	24.3	0.43	16.4	<0.01	31.3	< 0.5	<0.5	< 5.0	< 5.0
06-06-2025	76.4	32.2	22.8	30.1	0.68	18.9	<0.01	37.6	< 0.5	<0.5	< 5.0	< 5.0
10-06-2025	80.1	36.7	21.1	27.8	0.63	21.8	<0.01	42.3	< 0.5	<0.5	< 5.0	< 5.0
13-06-2025	75.5	30.1	16.4	21.3	0.66	20.1	<0.01	56.4	< 0.5	<0.5	< 5.0	< 5.0
16-06-2025	78.8	33.8	25.6	24.7	0.70	18.6	<0.01	47.5	< 0.5	<0.5	< 5.0	< 5.0
18-06-2025	68.7	24.3	18.7	26.1	0.68	22.7	<0.01	34.9	< 0.5	<0.5	< 5.0	< 5.0
20-06-2025	72.1	27.7	27.2	20.4	0.76	26.4	<0.01	51.6	< 0.5	<0.5	< 5.0	< 5.0
23-06-2025	76.8	31.6	31.1	28.1	0.55	21.6	<0.01	56.1	< 0.5	<0.5	< 5.0	< 5.0
25-06-2025	82.4	36.1	24.6	32.9	0.61	17.1	<0.01	42.3	< 0.5	<0.5	< 5.0	< 5.0
Minimum	68.7	24.3	15.4	20.4	0.43	16.4	-	31.3	-	-	-	-
Maximum	82.4	36.7	31.1	32.9	0.76	26.4	-	56.4	-	-	-	-
Average	75.9	31.2	22.5	26.1	0.63	20.4	-	44.4	-	-	-	-
NAAQM Standards	100	60	80	80	2.0	100	01	400	5	1	6	20
Method	IS:5182 (P-23)	IS:5182 (P-24)	IS:5182 (P-2)	IS:5182 (P-6)	IS:5182 (P-10)	IS :5182 (P-9)	IS:5182 (P-22)	IS:5182 (P-25)	IS 5182 (P-11)	IS 5182 (P-12)	APHA-302	IS 5182 (P-26)

*NAAQS: National Ambient Air Quality Standards

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Table: 5 Period of Monitoring: June 2025 **Location: Township Market Complex Area**

Sampling Date	Particulate matter (PM_{10}) $\mu g/m^3$	Particulate matter (PM2.5) $\mu g/m^3$	Sulphur dioxide SO_2 $\mu g/m^3$	Oxides of nitrogen NO_2 $\mu g/m^3$	Carbon monoxide CO mg/m^3	Ozone (O_3) $\mu g/m^3$	Lead (Pb) $\mu g/m^3$	Ammonia (NH_3) $\mu g/m^3$	Benzene (C_6H_6) $\mu g/m^3$	Benzo (a) Pyrene (BaP) ng/m^3	Arsenic (As) ng/m^3	Nickel (Ni) ng/m^3
03-06-2025	60.7	25.9	24.3	31.1	0.67	17.4	<0.01	42.9	< 0.5	<0.5	< 5.0	< 5.0
06-06-2025	64.1	31.4	28.4	27.6	0.71	21.9	<0.01	31.2	< 0.5	<0.5	< 5.0	< 5.0
10-06-2025	68.5	36.1	34.6	22.9	0.76	25.1	<0.01	50.1	< 0.5	<0.5	< 5.0	< 5.0
13-06-2025	58.3	33.8	26.1	25.4	0.73	20.4	<0.01	47.7	< 0.5	<0.5	< 5.0	< 5.0
16-06-2025	54.9	26.3	29.7	21.8	0.77	26.6	<0.01	55.8	< 0.5	<0.5	< 5.0	< 5.0
18-06-2025	59.1	28.1	22.8	17.9	0.65	23.1	<0.01	58.3	< 0.5	<0.5	< 5.0	< 5.0
20-06-2025	56.7	30.3	24.4	26.1	0.59	21.8	<0.01	65.9	< 0.5	<0.5	< 5.0	< 5.0
23-06-2025	51.3	24.8	20.1	23.4	0.68	28.6	<0.01	60.1	< 0.5	<0.5	< 5.0	< 5.0
25-06-2025	54.8	28.1	26.3	31.1	0.72	21.8	<0.01	51.5	< 0.5	<0.5	< 5.0	< 5.0
Minimum	51.3	24.8	20.1	17.9	0.59	17.4	-	31.2	-	-	-	-
Maximum	68.5	36.1	34.6	31.1	0.77	28.6	-	65.9	-	-	-	-
Average	58.7	29.4	26.3	25.2	0.69	23.1	-	51.5	-	-	-	-
NAAQM Standards	100	60	80	80	2.0	100	01	400	5	1	6	20
Method	IS:5182 (P-23)	IS:5182 (P-24)	IS:5182 (P-2)	IS:5182 (P-6)	IS:5182 (P-10)	IS :5182 (P-9)	IS:5182 (P-22)	IS:5182 (P-25)	IS 5182 (P-11)	IS 5182 (P-12)	APHA-302	IS 5182 (P-26)

NAAQS: National Ambient Air Quality Standards

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Table: 6 Period of Monitoring: June 2025 **Location: South Oil Jetty Area**

Sampling Date	Particulate matter (PM_{10}) $\mu g/m^3$	Particulate matter (PM2.5) $\mu g/m^3$	Sulphur dioxide SO_2 $\mu g/m^3$	Oxides of nitrogen NO_2 $\mu g/m^3$	Carbon monoxide CO mg/m^3	Ozone (O_3) $\mu g/m^3$	Lead (Pb) $\mu g/m^3$	Ammonia (NH_3) $\mu g/m^3$	Benzene (C_6H_6) $\mu g/m^3$	Benzo (a) Pyrene (BaP) ng/m^3	Arsenic (As) ng/m^3	Nickel (Ni) ng/m^3
03-06-2025	74.4	31.6	21.8	34.9	0.83	24.1	<0.01	50.7	< 0.5	<0.5	< 5.0	< 5.0
06-06-2025	79.1	35.2	25.5	38.1	0.71	31.9	<0.01	57.4	< 0.5	<0.5	< 5.0	< 5.0
10-06-2025	83.7	33.7	28.9	32.8	1.03	28.6	<0.01	62.8	< 0.5	<0.5	< 5.0	< 5.0
13-06-2025	77.6	30.8	24.1	27.1	0.89	25.4	<0.01	52.1	< 0.5	<0.5	< 5.0	< 5.0
16-06-2025	80.1	32.1	22.9	24.4	0.72	23.1	<0.01	59.7	< 0.5	<0.5	< 5.0	< 5.0
18-06-2025	75.8	24.5	27.3	21.6	0.84	27.7	<0.01	48.9	< 0.5	<0.5	< 5.0	< 5.0
20-06-2025	85.5	35.9	22.8	25.8	0.80	22.9	<0.01	56.5	< 0.5	<0.5	< 5.0	< 5.0
23-06-2025	64.1	30.2	25.5	21.9	0.67	25.1	<0.01	48.7	< 0.5	<0.5	< 5.0	< 5.0
25-06-2025	67.5	28.9	26.7	23.1	0.61	21.2	<0.01	51.1	< 0.5	<0.5	< 5.0	< 5.0
Minimum	64.1	24.5	21.8	21.6	0.61	21.2	-	48.7	-	-	-	-
Maximum	85.5	35.9	28.9	38.1	1.03	31.9	-	62.8	-	-	-	-
Average	76.4	31.4	25.0	27.7	0.78	25.5	-	54.2	-	-	-	-
NAAQM Standards	100	60	80	80	2.0	100	01	400	5	1	6	20
Method	**IS:5182 (P-23)**	**IS:5182 (P-24)**	**IS:5182 (P-2)**	**IS:5182 (P-6)**	**IS:5182 (P-10)**	**IS :5182 (P-9)**	**IS:5182 (P-22)**	**IS:5182 (P-25)**	**IS 5182 (P-11)**	**IS 5182 (P-12)**	**APHA-302**	**IS 5182 (P-26)**

*NAAQS: National Ambient Air Quality Standards

(AUTHORISED SIGNATORY)

Table: 7 Period of Monitoring: June 2025 **Location: Secured Land Fill Area**

Sampling Date	Particulate matter (PM_{10}) $\mu g/m^3$	Particulate matter (PM2.5) $\mu g/m^3$	Sulphur dioxide SO_2 $\mu g/m^3$	Oxides of nitrogen NO_2 $\mu g/m^3$	Carbon monoxide CO mg/m^3	Ozone (O_3) $\mu g/m^3$	Lead (Pb) $\mu g/m^3$	Ammonia (NH_3) $\mu g/m^3$	Benzene (C_6H_6) $\mu g/m^3$	Benzo (a) Pyrene (BaP) ng/m^3	Arsenic (As) ng/m^3	Nickel (Ni) ng/m^3
03-06-2025	71.6	26.1	18.9	25.4	0.67	20.1	<0.01	47.9	< 0.5	<0.5	< 5.0	< 5.0
06-06-2025	67.4	28.9	24.1	28.1	0.74	24.2	<0.01	50.8	< 0.5	<0.5	< 5.0	< 5.0
10-06-2025	61.1	21.7	28.9	23.7	0.83	22.9	<0.01	52.1	< 0.5	<0.5	< 5.0	< 5.0
13-06-2025	64.9	24.1	21.8	26.1	0.87	26.4	<0.01	45.5	< 0.5	<0.5	< 5.0	< 5.0
16-06-2025	68.8	31.9	25.4	27.7	0.70	24.1	<0.01	41.1	< 0.5	<0.5	< 5.0	< 5.0
18-06-2025	62.3	21.8	22.8	20.2	0.76	27.7	<0.01	56.8	< 0.5	<0.5	< 5.0	< 5.0
20-06-2025	60.1	27.4	24.1	22.9	0.71	20.8	<0.01	51.2	< 0.5	<0.5	< 5.0	< 5.0
23-06-2025	67.8	25.1	22.9	30.3	0.78	25.1	<0.01	54.7	< 0.5	<0.5	< 5.0	< 5.0
25-06-2025	73.4	30.5	26.5	28.1	0.75	23.3	<0.01	47.4	< 0.5	<0.5	< 5.0	< 5.0
Minimum	60.1	21.7	18.9	20.2	0.67	20.1	-	41.1	-	-	-	-
Maximum	73.4	31.9	28.9	30.3	0.87	27.7	-	56.8	-	-	-	-
Average	66.3	26.3	23.9	25.8	0.75	23.8	-	49.7	-	-	-	-
NAAQM Standards	100	60	80	80	2.0	100	01	400	5	1	6	20
Method	IS:5182 (P-23)	IS:5182 (P-24)	IS:5182 (P-2)	IS:5182 (P-6)	IS:5182 (P-10)	IS :5182 (P-9)	IS:5182 (P-22)	IS:5182 (P-25)	IS 5182 (P-11)	IS 5182 (P-12)	APHA-302	IS 5182 (P-26)

*NAAQS: National Ambient Air Quality Standards

(AUTHORISED SIGNATORY)

Table: 4 Period of Monitoring: July 2025 **Location: South Fire Station**

Sampling Date	Particulate matter (PM_{10}) $\mu g/m^3$	Particulate matter (PM2.5) $\mu g/m^3$	Sulphur dioxide SO_2 $\mu g/m^3$	Oxides of nitrogen NO_2 $\mu g/m^3$	Carbon monoxide CO mg/m^3	Ozone (O_3) $\mu g/m^3$	Lead (Pb) $\mu g/m^3$	Ammonia (NH_3) $\mu g/m^3$	Benzene (C_6H_6) $\mu g/m^3$	Benzo (a) Pyrene (BaP) ng/m^3	Arsenic (As) ng/m^3	Nickel (Ni) ng/m^3
02-07-2025	74.4	30.2	18.9	27.4	0.51	19.7	<0.01	42.2	< 0.5	<0.5	< 5.0	< 5.0
04-07-2025	71.1	28.4	20.2	25.1	0.62	15.5	<0.01	31.6	< 0.5	<0.5	< 5.0	< 5.0
08-07-2025	76.9	32.9	25.5	33.8	0.68	24.4	<0.01	48.4	< 0.5	<0.5	< 5.0	< 5.0
11-07-2025	67.2	27.1	21.8	24.2	0.57	21.3	<0.01	51.1	< 0.5	<0.5	< 5.0	< 5.0
15-07-2025	79.7	36.5	32.3	28.7	0.64	26.9	<0.01	66.5	< 0.5	<0.5	< 5.0	< 5.0
18-07-2025	73.2	25.9	27.1	22.9	0.61	27.1	<0.01	41.3	< 0.5	<0.5	< 5.0	< 5.0
22-07-2025	67.1	22.8	22.9	17.1	0.67	31.3	<0.01	45.2	< 0.5	<0.5	< 5.0	< 5.0
25-07-2025	71.8	34.6	34.3	25.4	0.51	17.9	<0.01	50.7	< 0.5	<0.5	< 5.0	< 5.0
29-07-2025	68.5	30.1	25.1	21.9	0.46	15.1	<0.01	46.5	< 0.5	<0.5	< 5.0	< 5.0
Minimum	79.7	36.5	34.3	33.8	0.68	31.3	-	66.5	-	-	-	-
Maximum	67.1	22.8	18.9	17.1	0.46	15.1	-	31.6	-	-	-	-
Average	72.2	29.8	25.3	25.1	0.58	22.1	-	47.0	-	-	-	-
NAAQM Standards	100	60	80	80	2.0	100	01	400	5	1	6	20
Method	IS:5182 (P-23)	IS:5182 (P-24)	IS:5182 (P-2)	IS:5182 (P-6)	IS:5182 (P-10)	IS :5182 (P-9)	IS:5182 (P-22)	IS:5182 (P-25)	IS 5182 (P-11)	IS 5182 (P-12)	APHA-302	IS 5182 (P-26)

*NAAQS: National Ambient Air Quality Standards

(AUTHORISED SIGNATORY)

Table: 5 Period of Monitoring: July 2025 **Location: Township Market Complex Area**

Sampling Date	Particulate matter (PM_{10}) $\mu g/m^3$	Particulate matter (PM2.5) $\mu g/m^3$	Sulphur dioxide SO_2 $\mu g/m^3$	Oxides of nitrogen NO_2 $\mu g/m^3$	Carbon monoxide CO mg/m^3	Ozone (O_3) $\mu g/m^3$	Lead (Pb) $\mu g/m^3$	Ammonia (NH_3) $\mu g/m^3$	Benzene (C_6H_6) $\mu g/m^3$	Benzo (a) Pyrene (BaP) ng/m^3	Arsenic (As) ng/m^3	Nickel (Ni) ng/m^3
02-07-2025	67.4	28.9	21.1	27.6	0.56	14.1	<0.01	37.4	< 0.5	<0.5	< 5.0	< 5.0
04-07-2025	70.1	26.1	25.5	22.1	0.62	18.3	<0.01	26.1	< 0.5	<0.5	< 5.0	< 5.0
08-07-2025	63.2	31.4	28.4	18.4	0.68	21.2	<0.01	42.2	< 0.5	<0.5	< 5.0	< 5.0
11-07-2025	54.7	24.7	22.9	21.7	0.64	16.8	<0.01	39.4	< 0.5	<0.5	< 5.0	< 5.0
15-07-2025	59.5	27.1	25.2	16.1	0.71	23.3	<0.01	50.7	< 0.5	<0.5	< 5.0	< 5.0
18-07-2025	61.1	31.3	17.4	12.2	0.44	17.6	<0.01	46.1	< 0.5	<0.5	< 5.0	< 5.0
22-07-2025	65.6	35.8	27.1	22.6	0.52	16.1	<0.01	57.5	< 0.5	<0.5	< 5.0	< 5.0
25-07-2025	56.7	28.2	24.2	19.1	0.58	21.3	<0.01	52.3	< 0.5	<0.5	< 5.0	< 5.0
29-07-2025	62.3	25.1	20.6	16.4	0.48	17.6	<0.01	58.1	< 0.5	<0.5	< 5.0	< 5.0
Minimum	70.1	35.8	28.4	27.6	0.71	23.3	-	58.1	-	-	-	-
Maximum	54.7	24.7	17.4	12.2	0.44	14.1	-	26.1	-	-	-	-
Average	62.2	28.7	23.6	19.5	0.58	18.4	-	45.5	-	-	-	-
NAAQM Standards	100	60	80	80	2.0	100	01	400	5	1	6	20
Method	IS:5182 (P-23)	IS:5182 (P-24)	IS:5182 (P-2)	IS:5182 (P-6)	IS:5182 (P-10)	IS :5182 (P-9)	IS:5182 (P-22)	IS:5182 (P-25)	IS 5182 (P-11)	IS 5182 (P-12)	APHA-302	IS 5182 (P-26)

*NAAQS: National Ambient Air Quality Standards

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Table: 6 Period of Monitoring: July 2025 **Location: South Oil Jetty Area**

Sampling Date	Particulate matter (PM_{10}) $\mu g/m^3$	Particulate matter (PM2.5) $\mu g/m^3$	Sulphur dioxide SO_2 $\mu g/m^3$	Oxides of nitrogen NO_2 $\mu g/m^3$	Carbon monoxide CO mg/m^3	Ozone (O_3) $\mu g/m^3$	Lead (Pb) $\mu g/m^3$	Ammonia (NH_3) $\mu g/m^3$	Benzene (C_6H_6) $\mu g/m^3$	Benzo (a) Pyrene (BaP) ng/m^3	Arsenic (As) ng/m^3	Nickel (Ni) ng/m^3
02-07-2025	70.2	33.8	26.4	27.8	0.64	18.6	<0.01	46.1	< 0.5	<0.5	< 5.0	< 5.0
04-07-2025	75.8	28.4	21.9	34.4	0.76	25.5	<0.01	52.2	< 0.5	<0.5	< 5.0	< 5.0
08-07-2025	67.2	25.2	17.8	29.1	0.81	23.1	<0.01	57.4	< 0.5	<0.5	< 5.0	< 5.0
11-07-2025	72.1	35.1	22.3	31.5	0.72	20.2	<0.01	48.8	< 0.5	<0.5	< 5.0	< 5.0
15-07-2025	77.4	38.4	25.6	18.6	0.66	16.6	<0.01	43.1	< 0.5	<0.5	< 5.0	< 5.0
18-07-2025	68.9	28.9	21.1	25.5	0.77	24.4	<0.01	50.5	< 0.5	<0.5	< 5.0	< 5.0
22-07-2025	81.7	32.4	17.5	22.9	0.58	18.5	<0.01	46.6	< 0.5	<0.5	< 5.0	< 5.0
25-07-2025	73.3	25.1	22.6	17.4	0.84	20.3	<0.01	41.3	< 0.5	<0.5	< 5.0	< 5.0
29-07-2025	77.6	29.8	25.9	14.1	0.73	16.6	<0.01	56.6	< 0.5	<0.5	< 5.0	< 5.0
Minimum	81.7	38.4	26.4	34.4	0.84	25.5	-	57.4	-	-	-	-
Maximum	67.2	25.1	17.5	14.1	0.58	16.6	-	41.3	-	-	-	-
Average	73.8	30.7	22.3	24.5	0.72	20.4	-	49.1	-	-	-	-
NAAQM Standards	100	60	80	80	2.0	100	01	400	5	1	6	20
Method	**IS:5182 (P-23)**	**IS:5182 (P-24)**	**IS:5182 (P-2)**	**IS:5182 (P-6)**	**IS:5182 (P-10)**	**IS :5182 (P-9)**	**IS:5182 (P-22)**	**IS:5182 (P-25)**	**IS 5182 (P-11)**	**IS 5182 (P-12)**	**APHA-302**	**IS 5182 (P-26)**

*NAAQS: National Ambient Air Quality Standards

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Table: 7 Period of Monitoring: July 2025 **Location: Secured Land Fill Area**

Sampling Date	Particulate matter (PM_{10}) $\mu g/m^3$	Particulate matter (PM2.5) $\mu g/m^3$	Sulphur dioxide SO_2 $\mu g/m^3$	Oxides of nitrogen NO_2 $\mu g/m^3$	Carbon monoxide CO mg/m^3	Ozone (O_3) $\mu g/m^3$	Lead (Pb) $\mu g/m^3$	Ammonia (NH_3) $\mu g/m^3$	Benzene (C_6H_6) $\mu g/m^3$	Benzo (a) Pyrene (BaP) ng/m^3	Arsenic (As) ng/m^3	Nickel (Ni) ng/m^3
02-07-2025	65.5	23.8	14.9	20.3	0.55	17.6	<0.01	40.1	< 0.5	<0.5	< 5.0	< 5.0
04-07-2025	60.3	25.9	17.6	25.5	0.67	21.2	<0.01	48.4	< 0.5	<0.5	< 5.0	< 5.0
08-07-2025	55.6	17.2	25.1	28.7	0.72	26.4	<0.01	58.7	< 0.5	<0.5	< 5.0	< 5.0
11-07-2025	67.1	28.1	26.6	24.1	0.79	22.8	<0.01	36.9	< 0.5	<0.5	< 5.0	< 5.0
15-07-2025	62.3	20.7	17.8	22.6	0.64	19.1	<0.01	30.3	< 0.5	<0.5	< 5.0	< 5.0
18-07-2025	72.8	31.3	20.2	17.1	0.71	24.4	<0.01	50.1	< 0.5	<0.5	< 5.0	< 5.0
22-07-2025	65.5	23.8	26.5	18.5	0.83	21.7	<0.01	45.5	< 0.5	<0.5	< 5.0	< 5.0
25-07-2025	61.9	28.6	17.6	25.6	0.67	27.2	<0.01	51.8	< 0.5	<0.5	< 5.0	< 5.0
29-07-2025	68.2	31.6	20.5	21.1	0.72	24.1	<0.01	46.6	< 0.5	<0.5	< 5.0	< 5.0
Minimum	72.8	31.6	26.6	28.7	0.83	27.2	-	58.7	-	-	-	-
Maximum	55.6	17.2	14.9	17.1	0.55	17.6	-	30.3	-	-	-	-
Average	64.3	25.6	20.7	22.6	0.70	22.7	-	45.3	-	-	-	-
NAAQM Standards	100	60	80	80	2.0	100	01	400	5	1	6	20
Method	IS:5182 (P-23)	IS:5182 (P-24)	IS:5182 (P-2)	IS:5182 (P-6)	IS:5182 (P-10)	IS :5182 (P-9)	IS:5182 (P-22)	IS:5182 (P-25)	IS 5182 (P-11)	IS 5182 (P-12)	APHA-302	IS 5182 (P-26)

*NAAQS: National Ambient Air Quality Standards

(AUTHORISED SIGNATORY)

Table: 4 Period of Monitoring: August 2025 **Location: South Fire Station**

Sampling Date	Particulate matter (PM_{10}) $\mu g/m^3$	Particulate matter (PM2.5) $\mu g/m^3$	Sulphur dioxide SO_2 $\mu g/m^3$	Oxides of nitrogen NO_2 $\mu g/m^3$	Carbon monoxide CO mg/m^3	Ozone (O_3) $\mu g/m^3$	Lead (Pb) $\mu g/m^3$	Ammonia (NH_3) $\mu g/m^3$	Benzene (C_6H_6) $\mu g/m^3$	Benzo (a) Pyrene (BaP) ng/m^3	Arsenic (As) ng/m^3	Nickel (Ni) ng/m^3
01-08-2025	72.8	27.6	15.4	24.3	0.43	16.4	<0.01	31.3	< 0.5	<0.5	< 5.0	< 5.0
04-08-2025	76.4	32.2	22.8	30.1	0.68	18.9	<0.01	37.6	< 0.5	<0.5	< 5.0	< 5.0
07-08-2025	80.1	36.7	21.1	27.8	0.63	21.8	<0.01	42.3	< 0.5	<0.5	< 5.0	< 5.0
12-08-2025	75.5	30.1	16.4	21.3	0.66	20.1	<0.01	56.4	< 0.5	<0.5	< 5.0	< 5.0
19-08-2025	78.8	33.8	25.6	24.7	0.70	18.6	<0.01	47.5	< 0.5	<0.5	< 5.0	< 5.0
22-08-2025	68.7	24.3	18.7	26.1	0.68	22.7	<0.01	34.9	< 0.5	<0.5	< 5.0	< 5.0
25-08-2025	72.1	27.7	27.2	20.4	0.76	26.4	<0.01	51.6	< 0.5	<0.5	< 5.0	< 5.0
28-08-2025	76.8	31.6	31.1	28.1	0.55	21.6	<0.01	56.1	< 0.5	<0.5	< 5.0	< 5.0
Minimum	68.7	24.3	15.4	20.4	0.43	16.4	-	31.3	-	-	-	-
Maximum	80.1	36.7	31.1	30.1	0.76	26.4	-	56.4	-	-	-	-
Average	75.2	30.5	22.3	25.4	0.60	20.8	-	44.7	-	-	-	-
NAAQM Standards	100	60	80	80	2.0	100	01	400	5	1	6	20
Method	IS:5182 (P-23)	IS:5182 (P-24)	IS:5182 (P-2)	IS:5182 (P-6)	IS:5182 (P-10)	IS :5182 (P-9)	IS:5182 (P-22)	IS:5182 (P-25)	IS 5182 (P-11)	IS 5182 (P-12)	APHA-302	IS 5182 (P-26)

*NAAQS: National Ambient Air Quality Standards

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SV Enviro Labs & Research Pvt. Ltd. VSP-12

Table: 5 Period of Monitoring: August 2025 **Location: Township Market Complex Area**

Sampling Date	Particulate matter (PM_{10}) $\mu g/m^3$	Particulate matter (PM2.5) $\mu g/m^3$	Sulphur dioxide SO_2 $\mu g/m^3$	Oxides of nitrogen NO_2 $\mu g/m^3$	Carbon monoxide CO mg/m^3	Ozone (O_3) $\mu g/m^3$	Lead (Pb) $\mu g/m^3$	Ammonia (NH_3) $\mu g/m^3$	Benzene (C_6H_6) $\mu g/m^3$	Benzo (a) Pyrene (BaP) ng/m^3	Arsenic (As) ng/m^3	Nickel (Ni) ng/m^3
01-08-2025	60.7	25.9	24.3	31.1	0.67	17.4	<0.01	42.9	< 0.5	<0.5	< 5.0	< 5.0
04-08-2025	64.1	31.4	28.4	27.6	0.71	21.9	<0.01	31.2	< 0.5	<0.5	< 5.0	< 5.0
07-08-2025	68.5	36.1	34.6	22.9	0.76	25.1	<0.01	50.1	< 0.5	<0.5	< 5.0	< 5.0
12-08-2025	58.3	33.8	26.1	25.4	0.73	20.4	<0.01	47.7	< 0.5	<0.5	< 5.0	< 5.0
19-08-2025	54.9	26.3	29.7	21.8	0.77	26.6	<0.01	55.8	< 0.5	<0.5	< 5.0	< 5.0
22-08-2025	59.1	28.1	22.8	17.9	0.65	23.1	<0.01	58.3	< 0.5	<0.5	< 5.0	< 5.0
25-08-2025	56.7	30.3	24.4	26.1	0.59	21.8	<0.01	65.9	< 0.5	<0.5	< 5.0	< 5.0
28-08-2025	51.3	24.8	20.1	23.4	0.68	28.6	<0.01	60.1	< 0.5	<0.5	< 5.0	< 5.0
Minimum	51.3	24.8	20.1	17.9	0.59	17.4	-	31.2	-	-	-	-
Maximum	68.5	36.1	34.6	31.1	0.77	28.6	-	65.9	-	-	-	-
Average	59.2	29.6	26.3	24.5	0.70	23.1	-	51.5	-	-	-	-
NAAQM Standards	100	60	80	80	2.0	100	01	400	5	1	6	20
Method	IS:5182 (P-23)	IS:5182 (P-24)	IS:5182 (P-2)	IS:5182 (P-6)	IS:5182 (P-10)	IS :5182 (P-9)	IS:5182 (P-22)	IS:5182 (P-25)	IS 5182 (P-11)	IS 5182 (P-12)	APHA-302	IS 5182 (P-26)

*NAAQS: National Ambient Air Quality Standards

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Table: 6 Period of Monitoring: August 2025 **Location: South Oil Jetty Area**

Sampling Date	Particulate matter (PM_{10}) $\mu g/m^3$	Particulate matter (PM2.5) $\mu g/m^3$	Sulphur dioxide SO_2 $\mu g/m^3$	Oxides of nitrogen NO_2 $\mu g/m^3$	Carbon monoxide CO mg/m^3	Ozone (O_3) $\mu g/m^3$	Lead (Pb) $\mu g/m^3$	Ammonia (NH_3) $\mu g/m^3$	Benzene (C_6H_6) $\mu g/m^3$	Benzo (a) Pyrene (BaP) ng/m^3	Arsenic (As) ng/m^3	Nickel (Ni) ng/m^3
01-08-2025	74.4	31.6	21.8	34.9	0.83	24.1	<0.01	50.7	< 0.5	<0.5	< 5.0	< 5.0
04-08-2025	79.1	35.2	25.5	38.1	0.71	31.9	<0.01	57.4	< 0.5	<0.5	< 5.0	< 5.0
07-08-2025	83.7	33.7	28.9	32.8	1.03	28.6	<0.01	62.8	< 0.5	<0.5	< 5.0	< 5.0
12-08-2025	77.6	30.8	24.1	27.1	0.89	25.4	<0.01	52.1	< 0.5	<0.5	< 5.0	< 5.0
19-08-2025	80.1	32.1	22.9	24.4	0.72	23.1	<0.01	59.7	< 0.5	<0.5	< 5.0	< 5.0
22-08-2025	75.8	24.5	27.3	21.6	0.84	27.7	<0.01	48.9	< 0.5	<0.5	< 5.0	< 5.0
25-08-2025	85.5	35.9	22.8	25.8	0.80	22.9	<0.01	56.5	< 0.5	<0.5	< 5.0	< 5.0
28-08-2025	64.1	30.2	25.5	21.9	0.67	25.1	<0.01	48.7	< 0.5	<0.5	< 5.0	< 5.0
Minimum	64.1	24.5	21.8	21.6	0.67	22.9	-	48.7	-	-	-	-
Maximum	85.5	35.9	28.9	38.1	1.03	31.9	-	62.8	-	-	-	-
Average	77.5	31.8	24.9	28.3	0.80	26.1	-	54.6	-	-	-	-
NAAQM Standards	100	60	80	80	2.0	100	01	400	5	1	6	20
Method	**IS:5182 (P-23)**	**IS:5182 (P-24)**	**IS:5182 (P-2)**	**IS:5182 (P-6)**	**IS:5182 (P-10)**	**IS :5182 (P-9)**	**IS:5182 (P-22)**	**IS:5182 (P-25)**	**IS 5182 (P-11)**	**IS 5182 (P-12)**	**APHA-302**	**IS 5182 (P-26)**

*NAAQS: National Ambient Air Quality Standards

SV Enviro Labs & Research Pvt. Ltd. VSP

(AUTHORISED SIGNATORY)

Table: 7 Period of Monitoring: August 2025 **Location: Secured Land Fill Area**

Sampling Date	Particulate matter (PM_{10}) $\mu g/m^3$	Particulate matter (PM2.5) $\mu g/m^3$	Sulphur dioxide SO_2 $\mu g/m^3$	Oxides of nitrogen NO_2 $\mu g/m^3$	Carbon monoxide CO mg/m^3	Ozone (O_3) $\mu g/m^3$	Lead (Pb) $\mu g/m^3$	Ammonia (NH_3) $\mu g/m^3$	Benzene (C_6H_6) $\mu g/m^3$	Benzo (a) Pyrene (BaP) ng/m^3	Arsenic (As) ng/m^3	Nickel (Ni) ng/m^3
01-08-2025	71.6	26.1	18.9	25.4	0.67	20.1	<0.01	47.9	< 0.5	<0.5	< 5.0	< 5.0
04-08-2025	67.4	28.9	24.1	28.1	0.74	24.2	<0.01	50.8	< 0.5	<0.5	< 5.0	< 5.0
07-08-2025	61.1	21.7	28.9	23.7	0.83	22.9	<0.01	52.1	< 0.5	<0.5	< 5.0	< 5.0
12-08-2025	64.9	24.1	21.8	26.1	0.87	26.4	<0.01	45.5	< 0.5	<0.5	< 5.0	< 5.0
19-08-2025	68.8	31.9	25.4	27.7	0.70	24.1	<0.01	41.1	< 0.5	<0.5	< 5.0	< 5.0
22-08-2025	62.3	21.8	22.8	20.2	0.76	27.7	<0.01	56.8	< 0.5	<0.5	< 5.0	< 5.0
25-08-2025	60.1	27.4	24.1	22.9	0.71	20.8	<0.01	51.2	< 0.5	<0.5	< 5.0	< 5.0
28-08-2025	67.8	25.1	22.9	30.3	0.78	25.1	<0.01	54.7	< 0.5	<0.5	< 5.0	< 5.0
Minimum	60.1	21.7	18.9	20.2	0.67	20.1	-	41.1	-	-	-	-
Maximum	71.6	31.9	28.9	30.3	0.87	27.7	-	56.8	-	-	-	-
Average	65.5	25.9	23.6	25.6	0.80	23.9	-	50.0	-	-	-	-
NAAQM Standards	100	60	80	80	2.0	100	01	400	5	1	6	20
Method	IS:5182 (P-23)	IS:5182 (P-24)	IS:5182 (P-2)	IS:5182 (P-6)	IS:5182 (P-10)	IS :5182 (P-9)	IS:5182 (P-22)	IS:5182 (P-25)	IS 5182 (P-11)	IS 5182 (P-12)	APHA-302	IS 5182 (P-26)

*NAAQS: National Ambient Air Quality Standards



(AUTHORISED SIGNATORY)

Table: 4 Period of Monitoring: September 2025 **Location: South Fire Station**

Sampling Date	Particulate matter (PM_{10}) $\mu g/m^3$	Particulate matter (PM2.5) $\mu g/m^3$	Sulphur dioxide SO_2 $\mu g/m^3$	Oxides of nitrogen NO_2 $\mu g/m^3$	Carbon monoxide CO mg/m^3	Ozone (O_3) $\mu g/m^3$	Lead (Pb) $\mu g/m^3$	Ammonia (NH_3) $\mu g/m^3$	Benzene (C_6H_6) $\mu g/m^3$	Benzo (a) Pyrene (BaP) ng/m^3	Arsenic (As) ng/m^3	Nickel (Ni) ng/m^3
02-09-2025	67.9	23.9	18.1	27.9	0.56	19.4	<0.01	36.5	< 0.5	<0.5	< 5.0	< 5.0
05-09-2025	72.8	28.8	21.8	25.2	0.62	23.3	<0.01	43.1	< 0.5	<0.5	< 5.0	< 5.0
09-09-2025	76.1	32.3	24.9	21.1	0.58	26.8	<0.01	39.4	< 0.5	<0.5	< 5.0	< 5.0
12-09-2025	70.8	26.1	19.2	23.8	0.64	23.9	<0.01	51.1	< 0.5	<0.5	< 5.0	< 5.0
16-09-2025	82.5	36.9	22.3	17.4	0.55	15.1	<0.01	42.9	< 0.5	<0.5	< 5.0	< 5.0
19-09-2025	73.7	30.3	15.9	22.3	0.61	20.3	<0.01	39.8	< 0.5	<0.5	< 5.0	< 5.0
23-09-2025	77.1	25.2	24.9	17.6	0.57	22.9	<0.01	46.4	< 0.5	<0.5	< 5.0	< 5.0
26-09-2025	72.5	28.9	26.1	23.2	0.50	18.3	<0.01	50.2	< 0.5	<0.5	< 5.0	< 5.0
Minimum	67.9	23.9	15.9	17.4	0.5	15.1	-	36.5	-	-	-	-
Maximum	82.5	36.9	26.1	27.9	0.64	26.8	-	51.1	-	-	-	-
Average	74.2	29.1	21.7	22.3	0.6	21.3	-	43.7	-	-	-	-
NAAQM Standards	100	60	80	80	2.0	100	01	400	5	1	6	20
Method	IS:5182 (P-23)	IS:5182 (P-24)	IS:5182 (P-2)	IS:5182 (P-6)	IS:5182 (P-10)	IS :5182 (P-9)	IS:5182 (P-22)	IS:5182 (P-25)	IS 5182 (P-11)	IS 5182 (P-12)	APHA-302	IS 5182 (P-26)

*NAAQS: National Ambient Air Quality Standards

(AUTHORISED SIGNATORY)

Table: 5 Period of Monitoring: August 2025 **Location: Township Market Complex Area**

Sampling Date	Particulate matter (PM_{10}) $\mu g/m^3$	Particulate matter (PM2.5) $\mu g/m^3$	Sulphur dioxide SO_2 $\mu g/m^3$	Oxides of nitrogen NO_2 $\mu g/m^3$	Carbon monoxide CO mg/m^3	Ozone (O_3) $\mu g/m^3$	Lead (Pb) $\mu g/m^3$	Ammonia (NH_3) $\mu g/m^3$	Benzene (C_6H_6) $\mu g/m^3$	Benzo (a) Pyrene (BaP) ng/m^3	Arsenic (As) ng/m^3	Nickel (Ni) ng/m^3
02-09-2025	66.9	30.3	24.3	28.3	0.59	14.4	<0.01	36.6	< 0.5	<0.5	< 5.0	< 5.0
05-09-2025	60.2	26.9	21.8	22.6	0.65	17.9	<0.01	40.3	< 0.5	<0.5	< 5.0	< 5.0
09-09-2025	64.1	32.5	28.5	17.1	0.72	21.3	<0.01	45.5	< 0.5	<0.5	< 5.0	< 5.0
12-09-2025	68.9	28.1	22.9	20.2	0.55	24.4	<0.01	52.3	< 0.5	<0.5	< 5.0	< 5.0
16-09-2025	62.3	22.9	24.6	18.6	0.61	21.6	<0.01	48.1	< 0.5	<0.5	< 5.0	< 5.0
19-09-2025	56.2	24.7	20.1	15.1	0.47	18.1	<0.01	54.9	< 0.5	<0.5	< 5.0	< 5.0
23-09-2025	60.1	26.5	17.5	23.2	0.54	26.4	<0.01	61.1	< 0.5	<0.5	< 5.0	< 5.0
26-09-2025	55.8	28.1	24.3	20.1	0.61	24.2	<0.01	55.6	< 0.5	<0.5	< 5.0	< 5.0
Minimum	55.8	22.9	17.5	15.1	0.47	14.4	-	36.6	-	-	-	-
Maximum	68.9	32.5	28.5	28.3	0.72	26.4	-	61.1	-	-	-	-
Average	61.8	27.5	23.0	20.7	0.6	21.0	-	49.3	-	-	-	-
NAAQM Standards	100	60	80	80	2.0	100	01	400	5	1	6	20
Method	**IS:5182 (P-23)**	**IS:5182 (P-24)**	**IS:5182 (P-2)**	**IS:5182 (P-6)**	**IS:5182 (P-10)**	**IS :5182 (P-9)**	**IS:5182 (P-22)**	**IS:5182 (P-25)**	**IS 5182 (P-11)**	**IS 5182 (P-12)**	**APHA-302**	**IS 5182 (P-26)**

*NAAQS: National Ambient Air Quality Standards

(AUTHORISED SIGNATORY)

Table: 6 Period of Monitoring: August 2025 **Location: South Oil Jetty Area**

Sampling Date	Particulate matter (PM_{10}) $\mu g/m^3$	Particulate matter (PM2.5) $\mu g/m^3$	Sulphur dioxide SO_2 $\mu g/m^3$	Oxides of nitrogen NO_2 $\mu g/m^3$	Carbon monoxide CO mg/m^3	Ozone (O_3) $\mu g/m^3$	Lead (Pb) $\mu g/m^3$	Ammonia (NH_3) $\mu g/m^3$	Benzene (C_6H_6) $\mu g/m^3$	Benzo (a) Pyrene (BaP) ng/m^3	Arsenic (As) ng/m^3	Nickel (Ni) ng/m^3
02-09-2025	77.9	36.9	24.6	37.7	0.69	20.3	<0.01	45.5	< 0.5	<0.5	< 5.0	< 5.0
05-09-2025	73.4	31.1	20.2	32.9	0.63	25.1	<0.01	51.9	< 0.5	<0.5	< 5.0	< 5.0
09-09-2025	80.1	34.9	23.1	28.1	0.81	22.9	<0.01	55.8	< 0.5	<0.5	< 5.0	< 5.0
12-09-2025	69.9	25.3	18.9	23.5	0.73	18.6	<0.01	46.1	< 0.5	<0.5	< 5.0	< 5.0
16-09-2025	75.5	28.4	26.5	21.2	0.67	27.2	<0.01	63.6	< 0.5	<0.5	< 5.0	< 5.0
19-09-2025	70.1	30.1	24.7	18.3	0.61	22.9	<0.01	41.4	< 0.5	<0.5	< 5.0	< 5.0
23-09-2025	77.6	32.6	28.2	21.2	0.73	19.1	<0.01	50.1	< 0.5	<0.5	< 5.0	< 5.0
26-09-2025	68.6	26.7	31.3	26.4	0.62	21.8	<0.01	54.5	< 0.5	<0.5	< 5.0	< 5.0
Minimum	68.6	25.3	18.9	18.3	0.61	18.6	-	41.4	-	-	-	-
Maximum	80.1	36.9	31.3	37.7	0.81	27.2	-	63.6	-	-	-	-
Average	74.1	30.8	24.7	26.2	0.7	22.2	-	51.1	-	-	-	-
NAAQM Standards	100	60	80	80	2.0	100	01	400	5	1	6	20
Method	**IS:5182 (P-23)**	**IS:5182 (P-24)**	**IS:5182 (P-2)**	**IS:5182 (P-6)**	**IS:5182 (P-10)**	**IS :5182 (P-9)**	**IS:5182 (P-22)**	**IS:5182 (P-25)**	**IS 5182 (P-11)**	**IS 5182 (P-12)**	**APHA-302**	**IS 5182 (P-26)**

*NAAQS: National Ambient Air Quality Standards

(AUTHORISED SIGNATORY)

Table: 7 Period of Monitoring: August 2025 **Location: Secured Land Fill Area**

Sampling Date	Particulate matter (PM_{10}) $\mu g/m^3$	Particulate matter (PM2.5) $\mu g/m^3$	Sulphur dioxide SO_2 $\mu g/m^3$	Oxides of nitrogen NO_2 $\mu g/m^3$	Carbon monoxide CO mg/m^3	Ozone (O_3) $\mu g/m^3$	Lead (Pb) $\mu g/m^3$	Ammonia (NH_3) $\mu g/m^3$	Benzene (C_6H_6) $\mu g/m^3$	Benzo (a) Pyrene (BaP) ng/m^3	Arsenic (As) ng/m^3	Nickel (Ni) ng/m^3
02-09-2025	68.3	24.4	15.5	21.6	0.71	23.6	<0.01	51.9	< 0.5	<0.5	< 5.0	< 5.0
05-09-2025	63.2	27.1	20.2	25.9	0.65	20.1	<0.01	44.9	< 0.5	<0.5	< 5.0	< 5.0
09-09-2025	70.1	29.8	18.1	27.2	0.76	26.4	<0.01	47.1	< 0.5	<0.5	< 5.0	< 5.0
12-09-2025	65.2	21.7	24.6	22.9	0.80	21.9	<0.01	41.2	< 0.5	<0.5	< 5.0	< 5.0
16-09-2025	63.9	25.5	21.5	24.4	0.65	18.3	<0.01	36.9	< 0.5	<0.5	< 5.0	< 5.0
19-09-2025	57.7	18.3	15.9	17.9	0.61	23.5	<0.01	51.2	< 0.5	<0.5	< 5.0	< 5.0
23-09-2025	65.5	31.6	22.9	18.8	0.73	26.1	<0.01	44.8	< 0.5	<0.5	< 5.0	< 5.0
26-09-2025	61.1	28.7	18.5	23.4	0.65	21.9	<0.01	50.1	< 0.5	<0.5	< 5.0	< 5.0
Minimum	57.7	18.3	15.5	17.9	0.61	18.3	-	36.9	-	-	-	-
Maximum	70.1	31.6	24.6	27.2	0.8	26.4	-	51.9	-	-	-	-
Average	64.4	25.9	19.7	22.8	0.7	22.7	-	46.0	-	-	-	-
NAAQM Standards	100	60	80	80	2.0	100	01	400	5	1	6	20
Method	IS:5182 (P-23)	IS:5182 (P-24)	IS:5182 (P-2)	IS:5182 (P-6)	IS:5182 (P-10)	IS :5182 (P-9)	IS:5182 (P-22)	IS:5182 (P-25)	IS 5182 (P-11)	IS 5182 (P-12)	APHA-302	IS 5182 (P-26)

*NAAQS: National Ambient Air Quality Standards

(AUTHORISED SIGNATORY)

Annexure-6

Sulphur Balance

SULPHUR BALANCE

Apr-25 no. of days 30

INPUT

TOTAL CRUDE CHARGED	**TMT/Month**		**1362.343**
SULPHUR CONTENT OF CRUDE MIX	**% WT**		**2.080**
ADDITIONAL VGO INPUT	**TMT/Month**		**0.000**
SULPHUR CONTENT OF ADDITIONAL INPUT	**% WT**		**0.000**
INTERMEDIATE FEED STOCK BUILD-UP	**TMT/Month**		**0.000**
SULPHUR CONTENT OF ISD	**% WT**		**0.000**
SULPHUR CONTENT IN INPUT	**TMT/Month**		**28.339**

PRODUCTS MAKE	**TMT/Month**	**AVG. SULPHUR IN PRODUCT, PPM**	**SULPHUR WT.%**	**SULPHUR CONTENT, TMT/Month**
LPG	114.864	150	0.015	0.02
NAPHTHA	44.376	250	0.025	0.01
PROPYLENE/Fuel for PP	12.556	0.01	0.000	0.00
GASOLENE-88	0.000	20	0.002	0.00
REFORMATE	69.184	1	0.000	0.00
MS-VI	244.239	10	0.001	0.00
KERO / PCK	3.998	1000	0.100	0.00
ATF	62.554	1000	0.100	0.06
HSD	541.477	8.5	0.001	0.00
HF HSD	53.376	10	0.001	0.00
LCO	0.017	677	0.068	0.00
COKE	100.397	68000.0	6.8	6.83
SULPHUR PRODUCT	21.308			21.31
Sulphur content in product				28.24
ISD build up/line fill				

Sulphur in Input	28.34
Sulphur in Product	28.24
S' emission, TMT/Month	0.10
SO2 emission, kg/hr	**283.6**

SRU Recovery
99.52%

SULPHUR BALANCE

May-25 no. of days 31

INPUT

TOTAL CRUDE CHARGED	**TMT/Month**		**1414.786**
SULPHUR CONTENT OF CRUDE MIX	**% WT**		**1.937**
ADDITIONAL VGO INPUT	**TMT/Month**		**0.000**
SULPHUR CONTENT OF ADDITIONAL INPUT	**% WT**		**0.000**
INTERMEDIATE FEED STOCK BUILD-UP	**TMT/Month**		**0.000**
SULPHUR CONTENT OF ISD	**% WT**		**0.000**
SULPHUR CONTENT IN INPUT	**TMT/Month**		**27.400**

PRODUCTS MAKE	TMT/Month	AVG. SULPHUR IN PRODUCT, PPM	SULPHUR WT.%	SULPHUR CONTENT, TMT/Month
LPG	109.278	150	0.015	0.02
NAPHTHA	49.299	250	0.025	0.01
PROPYLENE/Fuel for PP	14.745	0.01	0.000	0.00
GASOLENE-88	0.000	20	0.002	0.00
REFORMATE	57.105	1	0.000	0.00
MS-VI	297.911	10	0.001	0.00
KERO / PCK	2.913	1000	0.100	0.00
ATF	51.449	1000	0.100	0.05
HSD	557.392	8.5	0.001	0.00
HF HSD	52.889	10	0.001	0.00
LCO	2.784	677	0.068	0.00
COKE	100.806	71000.0	7.1	7.16
SULPHUR PRODUCT	20.048			20.05
Sulphur content in product				27.298
ISD build up/line fill				

Sulphur in Input	27.400
Sulphur in Product	27.298
S' emission, TMT/Month	0.10
SO2 emission, kg/hr	**272.8**

SRU Recovery
99.50%

SULPHUR BALANCE

Jun-25 | no. of days | 30

INPUT

TOTAL CRUDE CHARGED	**TMT/Month**		**1390.490**
SULPHUR CONTENT OF CRUDE MIX	**% WT**		**1.960**
ADDITIONAL VGO INPUT	**TMT/Month**		**0.000**
SULPHUR CONTENT OF ADDITIONAL INPUT	**% WT**		**0.000**
INTERMEDIATE FEED STOCK BUILD-UP	**TMT/Month**		**0.000**
SULPHUR CONTENT OF ISD	**% WT**		**0.000**
SULPHUR CONTENT IN INPUT	**TMT/Month**		**27.259**

PRODUCTS MAKE	**TMT/Month**	**AVG. SULPHUR IN PRODUCT, PPM**	**SULPHUR WT.%**	**SULPHUR CONTENT, TMT/Month**
LPG	104.471	150	0.015	0.02
NAPHTHA	31.481	250	0.025	0.01
PROPYLENE/Fuel for PP	14.389	0.01	0.000	0.00
GASOLENE-88	0.000	20	0.002	0.00
REFORMATE	63.382	1	0.000	0.00
MS-VI	268.511	10	0.001	0.00
KERO / PCK	3.724	1000	0.100	0.00
ATF	71.463	1000	0.100	0.07
HSD	545.012	8.5	0.001	0.00
HF HSD	47.130	10	0.001	0.00
LCO	0.011	677	0.068	0.00
COKE	96.343	69800.0	7.0	6.72
SULPHUR PRODUCT	20.331			20.33
Sulphur content in product				27.163
ISD build up/line fill				

Sulphur in Input	27.259
Sulphur in Product	27.163
S' emission, TMT/Month	0.10
SO2 emission, kg/hr	**266.5**

SRU Recovery
99.53%

SULPHUR BALANCE

Jul-25 no. of days 31

INPUT

TOTAL CRUDE CHARGED	**TMT/Month**		**1418.366**
SULPHUR CONTENT OF CRUDE MIX	**% WT**		**2.207**
ADDITIONAL VGO INPUT	**TMT/Month**		**0.000**
SULPHUR CONTENT OF ADDITIONAL INPUT	**% WT**		**0.000**
INTERMEDIATE FEED STOCK BUILD-UP	**TMT/Month**		**0.000**
SULPHUR CONTENT OF ISD	**% WT**		**0.000**
SULPHUR CONTENT IN INPUT	**TMT/Month**		**31.309**

PRODUCTS MAKE	**TMT/Month**	**AVG. SULPHUR IN PRODUCT, PPM**	**SULPHUR WT.%**	**SULPHUR CONTENT, TMT/Month**
LPG	112.702	150	0.015	0.02
NAPHTHA	28.283	250	0.025	0.01
PROPYLENE/Fuel for PP	13.494	0.01	0.000	0.00
GASOLENE-88	0.000	20	0.002	0.00
REFORMATE	57.623	1	0.000	0.00
MS-VI	264.826	10	0.001	0.00
KERO / PCK	0.000	1000	0.100	0.00
ATF	43.156	1000	0.100	0.04
HSD	582.015	8.5	0.001	0.00
HF HSD	44.392	10	0.001	0.00
LCO	0.000	677	0.068	0.00
COKE	108.760	70910.0	7.1	7.71
SULPHUR PRODUCT	23.408			23.41
Sulphur content in product				31.196
ISD build up/line fill				

Sulphur in Input	31.309
Sulphur in Product	31.196
S' emission, TMT/Month	0.11
SO2 emission, kg/hr	**305.5**

SRU Recovery
99.52%

SULPHUR BALANCE

Aug-25 no. of days 31

INPUT

TOTAL CRUDE CHARGED	**TMT/Month**		**1417.388**
SULPHUR CONTENT OF CRUDE MIX	**% WT**		**2.182**
ADDITIONAL VGO INPUT	**TMT/Month**		**0.000**
SULPHUR CONTENT OF ADDITIONAL INPUT	**% WT**		**0.000**
INTERMEDIATE FEED STOCK BUILD-UP	**TMT/Month**		**0.000**
SULPHUR CONTENT OF ISD	**% WT**		**0.000**
SULPHUR CONTENT IN INPUT	**TMT/Month**		**30.922**

PRODUCTS MAKE	**TMT/Month**	**AVG. SULPHUR IN PRODUCT, PPM**	**SULPHUR WT.%**	**SULPHUR CONTENT, TMT/Month**
LPG	103.964	150	0.015	0.02
NAPHTHA	24.129	250	0.025	0.01
PROPYLENE/Fuel for PP	14.653	0.01	0.000	0.00
GASOLENE-88	0.000	20	0.002	0.00
REFORMATE	74.832	1	0.000	0.00
MS-VI	283.994	10	0.001	0.00
KERO / PCK	4.796	1000	0.100	0.00
ATF	45.615	1000	0.100	0.05
HSD	581.181	8.5	0.001	0.00
HF HSD	30.346	10	0.001	0.00
LCO	0.000	677	0.068	0.00
COKE	98.605	73050.0	7.3	7.20
SULPHUR PRODUCT	23.529			23.53
Sulphur content in product				30.812
ISD build up/line fill				

Sulphur in Input	30.922
Sulphur in Product	30.812
S' emission, TMT/Month	0.11
SO2 emission, kg/hr	**295.6**

SRU Recovery
99.53%

SULPHUR BALANCE

Sep-25 no. of days 30

INPUT

TOTAL CRUDE CHARGED	**TMT/Month**		**1271.254**
SULPHUR CONTENT OF CRUDE MIX	**% WT**		**2.339**
ADDITIONAL VGO INPUT	**TMT/Month**		**0.000**
SULPHUR CONTENT OF ADDITIONAL INPUT	**% WT**		**0.000**
INTERMEDIATE FEED STOCK BUILD-UP	**TMT/Month**		**0.000**
SULPHUR CONTENT OF ISD	**% WT**		**0.000**
SULPHUR CONTENT IN INPUT	**TMT/Month**		**29.738**

PRODUCTS MAKE	**TMT/Month**	**AVG. SULPHUR IN PRODUCT, PPM**	**SULPHUR WT.%**	**SULPHUR CONTENT, TMT/Month**
LPG	96.346	150	0.015	0.01
NAPHTHA	71.801	250	0.025	0.02
PROPYLENE/Fuel for PP	14.143	0.01	0.000	0.00
GASOLENE-88	0.000	20	0.002	0.00
REFORMATE	35.547	1	0.000	0.00
MS-VI	227.497	10	0.001	0.00
KERO / PCK	0.557	1000	0.100	0.00
ATF	58.866	1000	0.100	0.06
HSD	525.080	8.5	0.001	0.00
HF HSD	19.724	10	0.001	0.00
LCO	0.000	677	0.068	0.00
COKE	88.308	71600.0	7.2	6.32
SULPHUR PRODUCT	23.203			23.20
Sulphur content in product				29.624
ISD build up/line fill				

Sulphur in Input	29.738
Sulphur in Product	29.624
S' emission, TMT/Month	0.11
SO2 emission, kg/hr	**316.5**

SRU Recovery
99.51%

Annexure-7

LDAR Report

REPORT ON

LDAR MONITORING AT INDIAN OIL ADANI VENTURES LIMITED BOOT # 3 IOCL PARADIP JUNE 2025

SUBMITTED TO

Indian Oil Adani Ventures Limited

(Formerly Indian Oiltanking Limited)

Paradip BOOT TRM 80005, IndianOil Adani Ventures, BOOT-3 Terminal, IOCL Refinery, Jagatsingpur, Paradip, Odisha PIN-754141

SUBMITTED BY:

SGS India Private Limited
CS Plot-512 (P), Mouza, Hanspukuria,
Diamond Harbour Road, PO-Joka,South 24Parganas
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per pro SGS India Private Ltd.



Authorized Signatory

1 Introduction

SGS India Private Limited has been contracted to conduct LDAR monitoring at BOOT # 3 & SOJ of IOCL Paradip for 2021-2022 period. Accordingly the measurement of the identified fugitive emission sources within the study area to detect leaking components as per USEPA 21 Guideline were conducted during November-December 2021. Although the leak definition as per CPCB guideline is 3000 ppmv and 5000 ppmv, M/s IOT wanted SGS to report any source emission above 300 ppmv.

1.1 About Industry

Indian Oil Adani Ventures Limited (formally known as Indian Oiltanking) jointly owned by Indian Oil Corporation and APSEZ provides Infrastructure-led terminalling services to Petroleum, Petrochemical and Chemical companies in India since 1996. Over the past 22 years, the company has evolved into an integrated services provider with niche capabilities in Engineering, Build Capabilities, Operations and Maintenance (O&M) of Storage Terminals. Currently, we operate six terminals in India through various business models including BOO/BOOT (Build, Own, Operate/Transfer) and O&M.

The company brought the concept of independent terminalling in India for Petroleum products, wherein the operator does not own the product and provides services to users on a common user basis. It has pioneered the concepts of 'Build & Own' (BO), 'Build Own Operate' (BOO), BOO & Transfer (BOOT), Operations & Maintenance of third party terminals in India.

The company has also set up a first-of-its kind crude oil and petroleum product storage BOOT project inside Indian Oil Corporation's refinery at Paradip on India's East Coast, wherein the entire offsite storage of crude and finished products has been built.

PARADIP TERMINAL FACTS

Tank Capacity 1,513,968 cbm

Tanks 51

Tank Types Mild steel, pressure vessel steel

Access Types **-** Vessels, Tank Trucks, Pipeline, Berth

No. of Berths **-** 1

Products **-** Clean Petroleum Products, Crude Oil, Gases

Services **-** Pipeline connections to refineries, Tank-to-tank transfer, Vessel loading and unloading, Truck loading, Blending services, Homogenizing

2 Sampling Schedule & Report Number

KE25-001185.001 From 19.06.2025 to 25.06.2025

3 Objective

The objective of the studies to Identifying potential fugitive emission sources and quantification of the fugitive emission during oil production in terminals.

A typical industry can emit tons per year of VOCs from leaking equipment, such as valves, connectors, pumps, sampling connections, compressors, pressure relief devices and open-ended lines etc. Process components covering all joints as mentioned above are monitored under "fugitive emission monitoring" program covering all the components in Boot # 3 & SOJ.

4 Present study

a) Carry out onsite detection through physical scanning for leaks and vented emissions (if any) in the operating assets using portable analyzer according USEPA Method 21 (sniffing method).

b) Monitoring and measurement of the identified fugitive emission sources within the study area and tagging the detected leaking components.

c) The outcome of the study shall focus on the details the programme undertaken, methodology, findings, monitored fugitive emissions rates, conclusion and recommendations for improvement.

5 Scope of Work

- Fugitive emission monitoring at IOCL Paradip (Boot # 3 & SOJ) terminal.
- Monitoring and measurement of the identified fugitive emission sources (supplied by IOT) within the study area and tagging the detected leaking components as per USEPA method 21.

About LDAR:

Leak Detection and Repair (LDAR) is a program implemented to comply with environmental regulations for reducing the fugitive emissions of targeted chemicals into the environment. Several standards such as *Maximum Achievable Control Technology* (MACT) standards, *New Source Performance Standards* (NSPS), *National Emissions Standards for Hazardous Air Pollutants* (NESHAP) and Central Pollution Control Board (CPCB) require the monitoring and reporting of these fugitive emissions from process equipment.

Process components covering Boot # 3 and SOJ were monitored as LDAR and covered all the components in the process plant. The environmental regulations are prescribed LDAR programs as a means of reducing emissions have very specific standards and applied to a monitoring and repair program. The LDAR study included the following protocols:

- **Types of components (pumps, valves, connectors, Flanges etc.) to be monitored** – All the sources assumed to be leaking source are monitored as per the USEPA Method 21 Protocol.
- **Measured concentration in PPM that indicates a leak** – Emission source is measured at PPM (parts per million) level.
- **Frequency of monitoring** – As per EPA act 1986 page 409, Fugitive emission monitoring program is undertaken every year (including Heat Exchangers and Pump seal as a part of Quarterly Monitoring).
- Method of monitoring
- **Actions to be taken if a leak is discovered** – A leak source above the limit as per EPA act should be reported and repaired immediately and the sources emitting the leak under the limit should be reported and an appropriate action should be undertaken.

- **Length of time in which an initial attempt to repair the leak must be performed** – Depending upon the nature of leak source, a leak source above the limits as per EPA guidelines should be reported and repaired immediately.
- **Actions that must be taken if a leak cannot be repaired within guidelines** – A proper action should be undertaken as a leaking source contributes in air pollution.
- **Record-keeping and reporting requirements** – A proper record should be maintained so that the leak source can be monitored again to see discrepancies if any.

Affected Sources: Each pump, compressor, pressure relief device, sampling connection system, open-ended valve or line, flange and connector that contains or contacts a fluid or gas, that is exceeding more than 5000ppm of pump and compressor seals and 3000 ppm other components is an affected source.

Equipment Leak: A leak is defined as greater than or equal to 3,000 & 5000 ppmv as methane, for organic compounds, as determined by EPA Reference Method 21. Most of the emissions are from valves and connectors because these are most prevalent components and can number in the thousands. The major cause of emissions from valves and connectors is seal or gasket failure due to normal wear or improper maintenance. More than 90% of emissions from the leaking equipment with valves are being the most significant source. The open-ended lines and sampling connections account for as much as 5 – 10% of total VOC emissions from equipment leaks.

Minimum Requirements for an Acceptable Organic LDAR Program:

- Each affected source is screened initially using USEPA Method 21.
- Monthly visual inspections must be performed by industry on each affected source for signs of leakage (e.g. dripping liquid, spraying, misting, clouding, ice formation, distinctive odors, etc.).

- Monitoring of each affected source is to be conducting quarterly using Method 21.

All potential leak points associated with a component must be identified and screened for leaks. The detected leaks by Method 21 test was tagged and repaired. The leak sources are measured after repair and the same is recorded.

6 Methodology of the study:

USEPA Method – 21 was followed to monitor source emissions at IOT/IOCL Paradip.

6.1 Individual Source Surveys.

Leak Definition Based on Concentration. Place the probe inlet at the surface of the component interface where leakage could occur. Move the probe along the interface periphery while

observing the instrument readout. If an increased meter reading is observed, slowly sample the interface where leakage is indicated until the maximum meter reading is obtained. Leave the probe inlet at this maximum reading location for approximately two times the instrument response time. If the maximum observed meter reading is greater than the leak definition in the applicable regulation, record and report the results as specified in the regulation reporting requirements. Examples of the application of this general technique to specific equipment types are:

- Valves - The most common source of leaks from valves is the seal between the stem and housing.

Place the probe at the interface where the stem exits the packing gland and sample the stem circumference. Also, place the probe at the interface of the packing gland take-up flange seat and sample the periphery. In addition, survey valve housings of multipart assembly at the surface of all interfaces where a leak could occur.

- Flanges and Other Connections - For welded flanges, place the probe at the outer edge of the flange-gasket interface and sample the circumference of the flange. Sample other types of nonpermanent joints (such as threaded connections) with a similar traverse.

- Pumps and Compressors - Conduct a circumferential traverse at the outer surface of the pump or compressor shaft and seal interface. If the source is a rotating shaft, position the probe inlet within 1 cm of the shaft-seal interface for the survey. If the housing configuration prevents a complete traverse of the shaft periphery, sample all accessible portions. Sample all other joints on the pump or compressor housing where leakage could occur.

- Pressure Relief Devices - The configuration of most pressure relief devices prevents sampling at the sealing seat interface. For those devices equipped with an enclosed extension, or horn, place the probe inlet at approximately the center of the exhaust area to the atmosphere.

- Process Drains - For open drains, place the probe inlet at approximately the center of the area open to the atmosphere. For covered drains, place the probe at the surface of the cover interface and conduct a peripheral traverse.

- Access door seals. Place the probe inlet at the surface of the door seal interface and conduct a peripheral traverse.

Calculation:

(Reference – EPA 1995 Protocol for Equipment Leak Emission Estimation Table 2-10)

Component Type	Default Zero Factor [Kg/hr]	Correlation Equation [Kg/hr]
Valves	[7.8E-06]	[2.29E-06(SV)^0.746]
Pump Seals	[1.9E-05]	[5.03E-05(SV)^0.610]
Others	[4.0E-06]	[1.36E-05(SV)^0.589]
Connectors	[7.5E-06]	[1.53E-06(SV)^0.735]
Flanges	[3.1E-07]	[4.61E-06(SV)^0.703]
Open-ended Lines	[2.0E-06]	[2.20E-06(SV)^0.704]

The default zero factors apply only when the screening value(SV) corrected for background equals 0 ppmv.

The correlation equations apply for actual screening values, corrected for background.

The “other” component type includes instruments, loading arms, pressure relief valves, vents, compressors, dump lever arms, diaphragms, drains, hatches, meters and polished rods stuffing boxes. This “other” component type should be applied for any component type other than connectors, flanges, open-ended lines, pumps or valves.

For example,

Reference USEPA-Method-21)

The screening value (SV) concentration in Valves is 2600 ppm

= RF (% of VOC Flow/100) *0.0000023*SV^0.746

RF = Response Factor = 1

Response Factors of Different Volatiles (USEPA Method-21):	
Gasoline Vapors	1.05
Naphtha	1.0
Heavy Oil	1.1
Petrol & Diesel	0.8
Gasoline Vapors 2	0.7
Light Oil	1.0

% of VOC Flow = material passing on that particular pipe line.

0.00000227 = Correlation factor

SV = Screening Value in ppm

If we will apply all the values in the below formula

= RF (% of VOC Flow/100) *0.0000023*SV^0.746

= 1 (100/100) *0.0000023*2600^0.746

= 0.004681 kg/hr

Total hours of operation per year are 8760 (24 hours x 365 days)

The volatile emission = 41.005720 Kgs/year.

SUMMARY OF THE STUDY

SGS has monitored more than four thousand three hundred fifty-seven points in study area selected by IOT at IOCL Paradip Boot # 3 area and more than one thousand points at the Berth at Paradip Port.

TEST RESULTS

SUMMARY SHEET OF TVOC EMISSION MEASUREMENT			
UNIT	**NO. OF POINT MEASURE**	**TOTAL VOC EMISSION IN kg/Hr.**	**TOTAL VOC EMISSION IN kg/Year**
Boot # 3	**4357**	**0.004681**	**41.005720**
SOJ	**1893**	**0.001135**	**9.940567**
TOTAL POINTS	**6250**	**0.005816**	**50.946287**

CONCLUSION:

The results are submitted component wise in the enclosed Annexure-1 As per CPCB guidelines no components detected with more than the standard values of 3000ppmv and 5000ppmv. Hence no recommendations are given for repairing of any leakage sources. However M/s IOT wanted SGS to report any source emission above 300 ppmv and accordingly SGS has tagged and reported for the points with emission of 300 ppmv and above. Total 1 points with emission of 300 ppmv and above was detected at BOOT # 3 area. Maximum Screening Value at Boot # 3 was 361.2 ppmv.

Based on the calculation and concentrations of VOC in the equipment, we took default value 1 & 0.8 for Response Factor (RF) as per the product in the lines.

ANNEXURE – 1

TEST RESULTS (BOOT # 3)

(Page 1 to 58)

LDAR points BOOT#3

S.NO	Date	Unit	Component ID & Location	Type	SCREEING VALUE OF VOC (ppm)	RF	% of VOC FLOW	Kg/Hrs.	HOURS OF OPERATION	Kg/Year
1	19.06.2025	LPG PUMP HOUSE-6 PUMP 205 - P-001A	1 SUCTION HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
2	19.06.2025	LPG PUMP HOUSE-6 PUMP 205 - P-001A	1 SUCTION HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3	19.06.2025	LPG PUMP HOUSE-6 PUMP 205 - P-001A	1 BT SUCTION HOV-1- UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
4	19.06.2025	LPG PUMP HOUSE-6 PUMP 205 - P-001A	1BT SUCTION HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
5	19.06.2025	LPG PUMP HOUSE-6 PUMP 205 - P-001A	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
6	19.06.2025	LPG PUMP HOUSE-6 PUMP 205 - P-001A	STRAINER FLANGE HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
7	19.06.2025	LPG PUMP HOUSE-6 PUMP 205 - P-001A	STRAINER FLANGE HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
8	19.06.2025	LPG PUMP HOUSE-6 PUMP 205 - P-001A	PUMP SEAL	Pump Seal	0.0	1	100	0.000000	8760	0.000000
9	19.06.2025	LPG PUMP HOUSE-6 PUMP 205 - P-001A	NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
10	19.06.2025	LPG PUMP HOUSE-6 PUMP 205 - P-001A	NRV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
11	19.06.2025	LPG PUMP HOUSE-6 PUMP 205 - P-001A	DISCHARGE HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
12	19.06.2025	LPG PUMP HOUSE-6 PUMP 205 - P-001A	DISCHARGE HOV DOWN STEAM	Flange	2.7	1	100	0.000009	8760	0.081181
13	19.06.2025	LPG PUMP HOUSE-6 PUMP 205 - P-001A	HOV-2-UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
14	19.06.2025	LPG PUMP HOUSE-6 PUMP 205 - P-001A	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
15	19.06.2025	LPG PUMP HOUSE-6 PUMP 205 - P-001A	LT FLARE HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
16	19.06.2025	LPG PUMP HOUSE-6 PUMP 205 - P-001A	LT FLARE HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
17	19.06.2025	LPG PUMP HOUSE-6 PUMP 205 - P-001A	LT FLARE NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
18	19.06.2025	LPG PUMP HOUSE-6 PUMP 205 - P-001A	LT FLARE NRV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
19	19.06.2025	LPG PUMP HOUSE PUMP 205 - P-001B	1 SUCTION HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
20	19.06.2025	LPG PUMP HOUSE PUMP 205 - P-001B	1 SUCTION HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
21	19.06.2025	LPG PUMP HOUSE PUMP 205 - P-001B	1 BT SUCTION HOV-1- UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
22	19.06.2025	LPG PUMP HOUSE PUMP 205 - P-001B	1BT SUCTION HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
23	19.06.2025	LPG PUMP HOUSE PUMP 205 - P-001B	STRAINER FLANGE	Flange	0.4	1	100	0.000002	8760	0.021206
24	19.06.2025	LPG PUMP HOUSE PUMP 205 - P-001B	STRAINER FLANGE HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
25	19.06.2025	LPG PUMP HOUSE PUMP 205 - P-001B	STRAINER FLANGE HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
26	19.06.2025	LPG PUMP HOUSE PUMP 205 - P-001B	PUMP SEAL	Pump Seal	0.0	1	100	0.000000	8760	0.000000
27	19.06.2025	LPG PUMP HOUSE PUMP 205 - P-001B	NRV UP STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
28	19.06.2025	LPG PUMP HOUSE PUMP 205 - P-001B	NRV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
29	19.06.2025	LPG PUMP HOUSE PUMP 205 - P-001B	DISCHARGE HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
30	19.06.2025	LPG PUMP HOUSE PUMP 205 - P-001B	DISCHARGE HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
31	19.06.2025	LPG PUMP HOUSE PUMP 205 - P-001B	HOV-2-UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
32	19.06.2025	LPG PUMP HOUSE PUMP 205 - P-001B	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
33	19.06.2025	LPG PUMP HOUSE PUMP 205 - P-001B	LT FLARE HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
34	19.06.2025	LPG PUMP HOUSE PUMP 205 - P-001B	LT FLARE HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
35	19.06.2025	LPG PUMP HOUSE PUMP 205 - P-001B	LT FLARE NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
36	19.06.2025	LPG PUMP HOUSE PUMP 205 - P-001B	LT FLARE NRV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
37	19.06.2025	LPG PUMP HOUSE PUMP 205 - P-001C	1 SUCTION HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
38	19.06.2025	LPG PUMP HOUSE PUMP 205 - P-001C	1 SUCTION HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
39	19.06.2025	LPG PUMP HOUSE PUMP 205 - P-001C	1 BT SUCTION HOV-1- UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
40	19.06.2025	LPG PUMP HOUSE PUMP 205 - P-001C	1BT SUCTION HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
41	19.06.2025	LPG PUMP HOUSE PUMP 205 - P-001C	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
42	19.06.2025	LPG PUMP HOUSE PUMP 205 - P-001C	STRAINER FLANGE HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
43	19.06.2025	LPG PUMP HOUSE PUMP 205 - P-001C	STRAINER FLANGE HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
44	19.06.2025	LPG PUMP HOUSE PUMP 205 - P-001C	PUMP SEAL	Pump Seal	0.0	1	100	0.000000	8760	0.000000
45	19.06.2025	LPG PUMP HOUSE PUMP 205 - P-001C	NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
46	19.06.2025	LPG PUMP HOUSE PUMP 205 - P-001C	NRV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
47	19.06.2025	LPG PUMP HOUSE PUMP 205 - P-001C	DISCHARGE HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
48	19.06.2025	LPG PUMP HOUSE PUMP 205 - P-001C	DISCHARGE HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
49	19.06.2025	LPG PUMP HOUSE PUMP 205 - P-001C	HOV-2-UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
50	19.06.2025	LPG PUMP HOUSE PUMP 205 - P-001C	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
51	19.06.2025	LPG PUMP HOUSE PUMP 205 - P-001C	LT FLARE HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
52	19.06.2025	LPG PUMP HOUSE PUMP 205 - P-001C	LT FLARE HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
53	19.06.2025	LPG PUMP HOUSE PUMP 205 - P-001C	LT FLARE NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
54	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001C	LT FLARE NRV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
55	19.06.2025	LPG AREA MOUND I BULLET 205-V-003	BULLET INLET XZV 0001 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
56	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001D	1 SUCTION HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
57	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001D	1 SUCTION HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
58	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001D	1 BT SUCTION HOV-1- UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
59	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001D	1BT SUCTION HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
60	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001D	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
61	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001D	STRAINER FLANGE HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
62	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001D	STRAINER FLANGE HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
63	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001D	PUMP SEAL	Pump Seal	0.0	1	100	0.000000	8760	0.000000
64	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001D	NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
65	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001D	NRV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
66	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001D	DISCHARGE HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
67	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001D	DISCHARGE HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
68	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001D	HOV-2-UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
69	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001D	HOV-2-down steam	Flange	0.4	1	100	0.000002	8760	0.021206
70	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001D	LT FLARE HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
71	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001D	LT FLARE HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
72	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001D	LT FLARE NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
73	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001D	LT FLARE NRV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
74	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001E	1 SUCTION HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
75	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001E	1 SUCTION HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
76	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001E	1 BT SUCTION HOV-1- UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
77	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001E	1BT SUCTION HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
78	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001E	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
79	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001E	STRAINER FLANGE HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
80	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001E	STRAINER FLANGE HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
81	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001E	PUMP SEAL	Pump Seal	0.0	1	100	4.38988E-05	8760	0.384554
82	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001E	NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
83	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001E	NRV DOWN STEAM	Flange	0.8	1	100	0.000004	8760	0.034521

84	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001E	DISCHARGE HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
85	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001E	DISCHARGE HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
86	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001E	HOV-2-UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
87	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001E	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
88	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001E	LT FLARE HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
89	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001E	LT FLARE HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
90	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001E	LT FLARE NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
91	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001E	LT FLARE NRV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
92	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001F	1 SUCTION HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
93	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001F	1 SUCTION HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
94	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001F	1 BT SUCTION HOV-1- UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
95	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001F	1BT SUCTION HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
96	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001F	STRAINER FLANGE	Flange	0.4	1	100	0.000002	8760	0.021206
97	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001F	STRAINER FLANGE HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
98	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001F	STRAINER FLANGE HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
99	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001F	PUMP SEAL	Pump Seal	0.0	1	100	0	8760	0.000000
100	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001F	NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
101	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001F	NRV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
102	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001F	DISCHARGE HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
103	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001F	DISCHARGE HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
104	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001F	HOV-2-UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
105	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001F	HOV-2-down steam	Flange	0.3	1	100	0.000002	8760	0.017323
106	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001F	LT FLARE HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
107	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001F	LT FLARE HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
108	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001F	LT FLARE NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
109	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001F	LT FLARE NRV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
110	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027A	1 SUCTION HOV-1-UP steam	Flange	0.6	1	100	0.000003	8760	0.028200
111	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027A	1 SUCTION HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
112	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027A	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
113	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027A	STRAINER FLANGE HOV UP STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
114	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027A	STRAINER FLANGE HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
115	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027A	PUMP SEAL	Pump Seal	0.0	1	100	0	8760	0.000000
116	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027A	NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
117	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027A	NRV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
118	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027A	DISCHARGE HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
119	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027A	DISCHARGE HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
120	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027A	LT FLARE HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
121	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027A	LT FLARE HOV DOWN STEAM	Flange	0.5	1	100	0.000003	8760	0.024807
122	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027A	LT FLARE NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
123	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027A	LT FLARE NRV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
124	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027B	1 SUCTION HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
125	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027B	1 SUCTION HOV-1-down steam	Flange	0.2	1	100	0.000001	8760	0.013027
126	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027B	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
127	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027B	STRAINER FLANGE HOV UP STEAM	Flange	0.6	1	100	0.000003	8760	0.028200
128	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027B	STRAINER FLANGE HOV DOWN STEAM	Flange	76.0	1	100	0.000097	8760	0.848041
129	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027B	PUMP SEAL	Pump Seal	0.3	1	100	2.4133E-05	8760	0.211405
130	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027B	NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
131	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027B	NRV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
132	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027B	DISCHARGE HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
133	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027B	DISCHARGE HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
134	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027B	LT FLARE HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
135	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027B	LT FLARE HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
136	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027B	LT FLARE NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
137	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027B	LT FLARE NRV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
138	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027C	1 SUCTION HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
139	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027C	1 SUCTION HOV-1-down steam	Flange	0.3	1	100	0.000002	8760	0.017323
140	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027C	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
141	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027C	STRAINER FLANGE HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
142	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027C	STRAINER FLANGE HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
143	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027C	PUMP SEAL	Pump Seal	0.0	1	100	0	8760	0.000000
144	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027C	NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
145	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027C	NRV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
146	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027C	DISCHARGE HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
147	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027C	DISCHARGE HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
148	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027C	LT FLARE HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
149	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027C	LT FLARE HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
150	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027C	LT FLARE NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
151	19.06.2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027C	LT FLARE NRV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
152	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028A	1 SUCTION HOV-1-UP steam	Flange	1.2	1	100	0.000005	8760	0.045906
153	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028A	1 SUCTION HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
154	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028A	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
155	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028A	STRAINER FLANGE HOV UP STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
156	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028A	STRAINER FLANGE HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
157	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028A	PUMP SEAL	Pump Seal	0.0	1	100	9.00952E-05	8760	0.789234
158	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028A	NRV UP STEAM	Flange	2.6	1	100	0.000009	8760	0.079055
159	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028A	NRV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
160	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028A	DISCHARGE HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
161	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028A	DISCHARGE HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
162	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028A	LT FLARE HOV UP STEAM	Flange	0.4	1	100	0.000002	8760	0.021206
163	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028A	LT FLARE HOV DOWN STEAM	Flange	0.9	1	100	0.000004	8760	0.037501
164	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028A	LT FLARE NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
165	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028A	LT FLARE NRV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
166	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028B	1 SUCTION HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
167	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028B	1 SUCTION HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
168	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028B	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
169	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028B	STRAINER FLANGE HOV UP STEAM	Flange	0.6	1	100	0.000003	8760	0.028200
170	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028B	STRAINER FLANGE HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000

171	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028B	PUMP SEAL	Pump Seal	0.0	1	100	0	8760	0.000000
172	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028B	NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
173	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028B	NRV DOWN STEAM	Flange	64.0	1	100	0.000086	8760	0.751536
174	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028B	DISCHARGE HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
175	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028B	DISCHARGE HOV DOWN STEAM	Flange	0.3	1	100	0.000002	8760	0.017323
176	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028B	LT FLARE HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
177	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028B	LT FLARE HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
178	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028B	LT FLARE NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
179	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028B	LT FLARE NRV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
180	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028C	1 SUCTION HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
181	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028C	1 SUCTION HOV-1-down steam	Flange	6.0	1	100	0.000016	8760	0.142313
182	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028C	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
183	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028C	STRAINER FLANGE HOV UP STEAM	Flange	7.2	1	100	0.000018	8760	0.161774
184	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028C	STRAINER FLANGE HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
185	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028C	PUMP SEAL	Pump Seal	0.0	1	100	0	8760	0.000000
186	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028C	NRV UP STEAM	Flange	0.3	1	100	0.000002	8760	0.017323
187	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028C	NRV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
188	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028C	DISCHARGE HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
189	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028C	DISCHARGE HOV DOWN STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
190	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028C	LT FLARE HOV UP STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
191	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028C	LT FLARE HOV DOWN STEAM	Flange	0.4	1	100	0.000002	8760	0.021206
192	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028C	LT FLARE NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
193	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028C	LT FLARE NRV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
194	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029A	1 SUCTION HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
195	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029A	1 SUCTION HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
196	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029A	STRAINER FLANGE	Flange	0.5	1	100	0.000003	8760	0.024807
197	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029A	STRAINER FLANGE HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
198	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029A	STRAINER FLANGE HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
199	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029A	PUMP SEAL	Pump Seal	0.0	1	100	0	8760	0.000000
200	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029A	NRV UP STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
201	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029A	NRV DOWN STEAM	Flange	3.1	1	100	0.000010	8760	0.089461
202	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029A	DISCHARGE HOV UP STEAM	Flange	0.6	1	100	0.000003	8760	0.028200
203	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029A	DISCHARGE HOV DOWN STEAM	Flange	0.4	1	100	0.000002	8760	0.021206
204	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029A	LT FLARE HOV UP STEAM	Flange	0.3	1	100	0.000002	8760	0.017323
205	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029A	LT FLARE HOV DOWN STEAM	Flange	2.4	1	100	0.000009	8760	0.074730
206	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029A	LT FLARE NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
207	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029A	LT FLARE NRV DOWN STEAM	Flange	3.4	1	100	0.000011	8760	0.095463
208	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029B	1 SUCTION HOV-1-UP steam	Flange	0.6	1	100	0.000003	8760	0.028200
209	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029B	1 SUCTION HOV-1-down steam	Flange	0.2	1	100	0.000001	8760	0.013027
210	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029B	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
211	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029B	STRAINER FLANGE HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
212	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029B	STRAINER FLANGE HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
213	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029B	PUMP SEAL	Pump Seal	0.0	1	100	0	8760	0.000000
214	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029B	NRV UP STEAM	Flange	0.4	1	100	0.000002	8760	0.021206
215	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029B	NRV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
216	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029B	DISCHARGE HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
217	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029B	DISCHARGE HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
218	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029B	LT FLARE HOV UP STEAM	Flange	0.6	1	100	0.000003	8760	0.028200
219	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029B	LT FLARE HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
220	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029B	LT FLARE NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
221	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029B	LT FLARE NRV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
222	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029C	1 SUCTION HOV-1-UP steam	Flange	0.2	1	100	0.000001	8760	0.013027
223	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029C	1 SUCTION HOV-1-down steam	Flange	6.6	1	100	0.000017	8760	0.152175
224	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029C	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
225	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029C	STRAINER FLANGE HOV UP STEAM	Flange	0.9	1	100	0.000004	8760	0.037501
226	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029C	STRAINER FLANGE HOV DOWN STEAM	Flange	0.4	1	100	0.000002	8760	0.021206
227	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029C	PUMP SEAL	Pump Seal	2.3	1	100	8.3603E-05	8760	0.732362
228	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029C	NRV UP STEAM	Flange	10.6	1	100	0.000024	8760	0.212322
229	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029C	NRV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
230	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029C	DISCHARGE HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
231	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029C	DISCHARGE HOV DOWN STEAM	Flange	0.6	1	100	0.000003	8760	0.028200
232	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029C	LT FLARE HOV UP STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
233	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029C	LT FLARE HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
234	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029C	LT FLARE NRV UP STEAM	Flange	3.7	1	100	0.000012	8760	0.101310
235	19.06.2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029C	LT FLARE NRV DOWN STEAM	Flange	0.6	1	100	0.000003	8760	0.028200
236	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
237	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
238	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV-2-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
239	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
240	20.06.2025	LPG PSV PLATFORM MOUND - 1	HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
241	20.06.2025	LPG PSV PLATFORM MOUND - 1	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
242	20.06.2025	LPG PSV PLATFORM MOUND - 1	HOV-2-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
243	20.06.2025	LPG PSV PLATFORM MOUND - 1	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
244	20.06.2025	LPG PSV PLATFORM MOUND - 1	HOV-3-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
245	20.06.2025	LPG PSV PLATFORM MOUND - 1	HOV-3-down steam	Flange	0.2	1	100	0.000001	8760	0.013027
246	20.06.2025	LPG PSV PLATFORM MOUND - 1	HOV-4-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
247	20.06.2025	LPG PSV PLATFORM MOUND - 1	HOV-4-down steam	Flange	2.2	1	100	0.000008	8760	0.070296
248	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV-1-up steam	Flange	3.9	1	100	0.000012	8760	0.105129
249	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV-1-down steam	Flange	0.9	1	100	0.000004	8760	0.037501
250	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV-2-up steam	Flange	4.2	1	100	0.000013	8760	0.110751
251	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
252	20.06.2025	LPG PSV PLATFORM MOUND - 1	HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
253	20.06.2025	LPG PSV PLATFORM MOUND - 1	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
254	20.06.2025	LPG PSV PLATFORM MOUND - 1	HOV-2-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
255	20.06.2025	LPG PSV PLATFORM MOUND - 1	HOV-2-down steam	Flange	0.3	1	100	0.000002	8760	0.017323
256	20.06.2025	LPG PSV PLATFORM MOUND - 1	HOV-3-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
257	20.06.2025	LPG PSV PLATFORM MOUND - 1	HOV-3-down steam	Flange	0.0	1	100	0.000000	8760	0.000000

258	20.06.2025	LPG PSV PLATFORM MOUND - 1	HOV-4-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
259	20.06.2025	LPG PSV PLATFORM MOUND - 1	HOV-4-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
260	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV-1-up steam	Flange	1.9	1	100	0.000007	8760	0.063412
261	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV-1-down steam	Flange	2.4	1	100	0.000009	8760	0.074730
262	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV-2-up steam	Flange	1.2	1	100	0.000005	8760	0.045906
263	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV-2-down steam	Flange	0.4	1	100	0.000002	8760	0.021206
264	20.06.2025	LPG PSV PLATFORM MOUND - 1	HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
265	20.06.2025	LPG PSV PLATFORM MOUND - 1	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
266	20.06.2025	LPG PSV PLATFORM MOUND - 1	HOV-2-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
267	20.06.2025	LPG PSV PLATFORM MOUND - 1	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
268	20.06.2025	LPG PSV PLATFORM MOUND - 1	HOV-3-UP steam	Flange	0.5	1	100	0.000003	8760	0.024807
269	20.06.2025	LPG PSV PLATFORM MOUND - 1	HOV-3-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
270	20.06.2025	LPG PSV PLATFORM MOUND - 1	HOV-4-UP steam	Flange	0.2	1	100	0.000001	8760	0.013027
271	20.06.2025	LPG PSV PLATFORM MOUND - 1	HOV-4-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
272	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV-1-up steam	Flange	4.2	1	100	0.000013	8760	0.110751
273	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV-1-down steam	Flange	0.9	1	100	0.000004	8760	0.037501
274	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV-2-up steam	Flange	1.6	1	100	0.000006	8760	0.056195
275	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
276	20.06.2025	LPG PSV PLATFORM MOUND - 1	HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
277	20.06.2025	LPG PSV PLATFORM MOUND - 1	HOV-1-down steam	Flange	0.2	1	100	0.000001	8760	0.013027
278	20.06.2025	LPG PSV PLATFORM MOUND - 1	HOV-2-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
279	20.06.2025	LPG PSV PLATFORM MOUND - 1	HOV-2-down steam	Flange	0.4	1	100	0.000002	8760	0.021206
280	20.06.2025	LPG PSV PLATFORM MOUND - 1	HOV-3-UP steam	Flange	0.5	1	100	0.000003	8760	0.024807
281	20.06.2025	LPG PSV PLATFORM MOUND - 1	HOV-3-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
282	20.06.2025	LPG PSV PLATFORM MOUND - 1	HOV-4-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
283	20.06.2025	LPG PSV PLATFORM MOUND - 1	HOV-4-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
284	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV-1-up steam	Flange	3.1	1	100	0.000010	8760	0.089461
285	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV-1-down steam	Flange	2.5	1	100	0.000009	8760	0.076905
286	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV-2-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
287	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
288	20.06.2025	LPG PSV PLATFORM MOUND - 1	HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
289	20.06.2025	LPG PSV PLATFORM MOUND - 1	HOV-1-down steam	Flange	0.2	1	100	0.000001	8760	0.013027
290	20.06.2025	LPG PSV PLATFORM MOUND - 1	HOV-2-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
291	20.06.2025	LPG PSV PLATFORM MOUND - 1	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
292	20.06.2025	LPG PSV PLATFORM MOUND - 1	HOV-3-UP steam	Flange	0.4	1	100	0.000002	8760	0.021206
293	20.06.2025	LPG PSV PLATFORM MOUND - 1	HOV-3-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
294	20.06.2025	LPG PSV PLATFORM MOUND - 1	HOV-4-UP steam	Flange	0.2	1	100	0.000001	8760	0.013027
295	20.06.2025	LPG PSV PLATFORM MOUND - 1	HOV-4-down steam	Flange	0.4	1	100	0.000002	8760	0.021206
296	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
297	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV-1-down steam	Flange	1.6	1	100	0.000006	8760	0.056195
298	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV-2-up steam	Flange	2.3	1	100	0.000008	8760	0.072527
299	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV-2-down steam	Flange	0.6	1	100	0.000003	8760	0.028200
300	20.06.2025	LPG PSV PLATFORM MOUND - 1	HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
301	20.06.2025	LPG PSV PLATFORM MOUND - 1	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
302	20.06.2025	LPG PSV PLATFORM MOUND - 1	HOV-2-UP steam	Flange	0.3	1	100	0.000002	8760	0.017323
303	20.06.2025	LPG PSV PLATFORM MOUND - 1	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
304	20.06.2025	LPG PSV PLATFORM MOUND - 1	HOV-3-UP steam	Flange	0.2	1	100	0.000001	8760	0.013027
305	20.06.2025	LPG PSV PLATFORM MOUND - 1	HOV-3-down steam	Flange	0.5	1	100	0.000003	8760	0.024807
306	20.06.2025	LPG PSV PLATFORM MOUND - 1	HOV-4-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
307	20.06.2025	LPG PSV PLATFORM MOUND - 1	HOV-4-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
308	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV SMALL FLANGE	Flange	3.2	1	100	0.000010	8760	0.091480
309	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV SMALL FLANGE	Flange	0.9	1	100	0.000004	8760	0.037501
310	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV SMALL FLANGE	Flange	1.4	1	100	0.000006	8760	0.051160
311	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV SMALL FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
312	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV SMALL FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
313	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV SMALL FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
314	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV SMALL FLANGE	Flange	0.2	1	100	0.000001	8760	0.013027
315	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV SMALL FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
316	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV SMALL FLANGE	Flange	0.4	1	100	0.000002	8760	0.021206
317	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV SMALL FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
318	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV SMALL FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
319	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV SMALL FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
320	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV SMALL FLANGE	Flange	2.5	1	100	0.000009	8760	0.076905
321	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV SMALL FLANGE	Flange	2.5	1	100	0.000009	8760	0.076905
322	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV SMALL FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
323	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV SMALL FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
324	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV SMALL FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
325	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV SMALL FLANGE	Flange	0.9	1	100	0.000004	8760	0.037501
326	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV SMALL FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
327	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV SMALL FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
328	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV SMALL FLANGE	Flange	0.5	1	100	0.000003	8760	0.024807
329	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV SMALL FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
330	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV SMALL FLANGE	Flange	3.1	1	100	0.000010	8760	0.089461
331	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV SMALL FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
332	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
333	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	2.6	1	100	0.000009	8760	0.079055
334	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
335	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	1.5	1	100	0.000006	8760	0.053703
336	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
337	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.9	1	100	0.000004	8760	0.037501
338	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
339	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.8	1	100	0.000004	8760	0.034521
340	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	2.2	1	100	0.000008	8760	0.070296
341	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	1.4	1	100	0.000006	8760	0.051160
342	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
343	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
344	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.9	1	100	0.000004	8760	0.037501

345	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.7	1	100	0.000004	8760	0.031427
346	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.5	1	100	0.000003	8760	0.024807
347	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
348	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	1.3	1	100	0.000006	8760	0.048563
349	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
350	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.6	1	100	0.000003	8760	0.028200
351	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.4	1	100	0.000002	8760	0.021206
352	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
353	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
354	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
355	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
356	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.2	1	100	0.000001	8760	0.013027
357	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.3	1	100	0.000002	8760	0.017323
358	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.4	1	100	0.000002	8760	0.021206
359	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
360	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.2	1	100	0.000001	8760	0.013027
361	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.4	1	100	0.000002	8760	0.021206
362	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.5	1	100	0.000003	8760	0.024807
363	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.5	1	100	0.000003	8760	0.024807
364	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.4	1	100	0.000002	8760	0.021206
365	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
366	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
367	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
368	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
369	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
370	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
371	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.2	1	100	0.000001	8760	0.013027
372	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.4	1	100	0.000002	8760	0.021206
373	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
374	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	1.5	1	100	0.000006	8760	0.053703
375	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
376	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
377	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	1.7	1	100	0.000007	8760	0.058642
378	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
379	20.06.2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.2	1	100	0.000001	8760	0.013027
380	20.06.2025	LPG PSV PLATFORM MOUND - 1	OTHER HOVS	Flange	0.4	1	100	0.000002	8760	0.021206
381	20.06.2025	LPG PSV PLATFORM MOUND - 1	OTHER HOVS	Flange	0.0	1	100	0.000000	8760	0.000000
382	20.06.2025	LPG PSV PLATFORM MOUND - 1	OTHER HOVS	Flange	0.0	1	100	0.000000	8760	0.000000
383	20.06.2025	LPG PSV PLATFORM MOUND - 1	OTHER HOVS	Flange	0.0	1	100	0.000000	8760	0.000000
384	20.06.2025	LPG PSV PLATFORM MOUND - 1	OTHER HOVS	Flange	0.0	1	100	0.000000	8760	0.000000
385	20.06.2025	LPG PSV PLATFORM MOUND - 1	OTHER HOVS	Flange	0.0	1	100	0.000000	8760	0.000000
386	20.06.2025	LPG PSV PLATFORM MOUND - 1	OTHER HOVS	Flange	0.0	1	100	0.000000	8760	0.000000
387	20.06.2025	LPG PSV PLATFORM MOUND - 1	OTHER HOVS	Flange	0.0	1	100	0.000000	8760	0.000000
388	20.06.2025	LPG PSV PLATFORM MOUND - 1	OTHER HOVS	Flange	0.0	1	100	0.000000	8760	0.000000
389	20.06.2025	LPG PSV PLATFORM MOUND - 1	OTHER HOVS	Flange	0.0	1	100	0.000000	8760	0.000000
390	20.06.2025	LPG PSV PLATFORM MOUND - 1	OTHER HOVS	Flange	0.2	1	100	0.000001	8760	0.013027
391	20.06.2025	LPG PSV PLATFORM MOUND - 1	OTHER HOVS	Flange	0.0	1	100	0.000000	8760	0.000000
392	20.06.2025	LPG PSV PLATFORM MOUND - 1	OTHER HOVS	Flange	0.4	1	100	0.000002	8760	0.021206
393	20.06.2025	LPG PSV PLATFORM MOUND - 1	OTHER HOVS	Flange	0.0	1	100	0.000000	8760	0.000000
394	20.06.2025	LPG PSV PLATFORM MOUND - 1	OTHER HOVS	Flange	0.2	1	100	0.000001	8760	0.013027
395	20.06.2025	LPG PSV PLATFORM MOUND - 1	OTHER HOVS	Flange	0.1	1	100	0.000001	8760	0.008002
396	20.06.2025	LPG PSV PLATFORM MOUND - 1	OTHER HOVS	Flange	0.0	1	100	0.000000	8760	0.000000
397	20.06.2025	LPG PSV PLATFORM MOUND - 1	OTHER HOVS	Flange	0.0	1	100	0.000000	8760	0.000000
398	20.06.2025	LPG PSV PLATFORM MOUND - 1	OTHER HOVS	Flange	0.0	1	100	0.000000	8760	0.000000
399	20.06.2025	LPG PSV PLATFORM MOUND - 1	OTHER HOVS	Flange	0.0	1	100	0.000000	8760	0.000000
400	20.06.2025	LPG PSV PLATFORM MOUND - 1	OTHER HOVS	Flange	0.2	1	100	0.000001	8760	0.013027
401	20.06.2025	LPG PSV PLATFORM MOUND - 1	OTHER HOVS	Flange	0.4	1	100	0.000002	8760	0.021206
402	20.06.2025	LPG PSV PLATFORM MOUND - 1	OTHER HOVS	Flange	0.0	1	100	0.000000	8760	0.000000
403	20.06.2025	LPG PSV PLATFORM MOUND - 1	OTHER HOVS	Flange	0.0	1	100	0.000000	8760	0.000000
404	20.06.2025	LPG PSV PLATFORM MOUND - 2	PSV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
405	20.06.2025	LPG PSV PLATFORM MOUND - 2	PSV-1-down steam	Flange	0.2	1	100	0.000001	8760	0.013027
406	20.06.2025	LPG PSV PLATFORM MOUND - 2	PSV-2-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
407	20.06.2025	LPG PSV PLATFORM MOUND - 2	PSV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
408	20.06.2025	LPG PSV PLATFORM MOUND - 2	HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
409	20.06.2025	LPG PSV PLATFORM MOUND - 2	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
410	20.06.2025	LPG PSV PLATFORM MOUND - 2	HOV-2-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
411	20.06.2025	LPG PSV PLATFORM MOUND - 2	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
412	20.06.2025	LPG PSV PLATFORM MOUND - 2	HOV-3-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
413	20.06.2025	LPG PSV PLATFORM MOUND - 2	HOV-3-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
414	20.06.2025	LPG PSV PLATFORM MOUND - 2	HOV-4-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
415	20.06.2025	LPG PSV PLATFORM MOUND - 2	HOV-4-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
416	20.06.2025	LPG PSV PLATFORM MOUND - 2	PSV-1-up steam	Flange	2.1	1	100	0.000008	8760	0.068034
417	20.06.2025	LPG PSV PLATFORM MOUND - 2	PSV-1-down steam	Flange	1.2	1	100	0.000005	8760	0.045906
418	20.06.2025	LPG PSV PLATFORM MOUND - 2	PSV-2-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
419	20.06.2025	LPG PSV PLATFORM MOUND - 2	PSV-2-down steam	Flange	2.3	1	100	0.000008	8760	0.072527
420	20.06.2025	LPG PSV PLATFORM MOUND - 2	HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
421	20.06.2025	LPG PSV PLATFORM MOUND - 2	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
422	20.06.2025	LPG PSV PLATFORM MOUND - 2	HOV-2-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
423	20.06.2025	LPG PSV PLATFORM MOUND - 2	HOV-2-down steam	Flange	0.2	1	100	0.000001	8760	0.013027
424	20.06.2025	LPG PSV PLATFORM MOUND - 2	HOV-3-UP steam	Flange	0.1	1	100	0.000001	8760	0.008002
425	20.06.2025	LPG PSV PLATFORM MOUND - 2	HOV-3-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
426	20.06.2025	LPG PSV PLATFORM MOUND - 2	HOV-4-UP steam	Flange	0.1	1	100	0.000001	8760	0.008002
427	20.06.2025	LPG PSV PLATFORM MOUND - 2	HOV-4-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
428	20.06.2025	LPG PSV PLATFORM MOUND - 2	PSV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
429	20.06.2025	LPG PSV PLATFORM MOUND - 2	PSV-1-down steam	Flange	0.4	1	100	0.000002	8760	0.021206
430	20.06.2025	LPG PSV PLATFORM MOUND - 2	PSV-2-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
431	20.06.2025	LPG PSV PLATFORM MOUND - 2	PSV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000

432	20.06.2025	LPG PSV PLATFORM MOUND - 2	HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
433	20.06.2025	LPG PSV PLATFORM MOUND - 2	HOV-1-down steam	Flange	0.1	1	100	0.000001	8760	0.008002
434	20.06.2025	LPG PSV PLATFORM MOUND - 2	HOV-2-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
435	20.06.2025	LPG PSV PLATFORM MOUND - 2	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
436	20.06.2025	LPG PSV PLATFORM MOUND - 2	HOV-3-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
437	20.06.2025	LPG PSV PLATFORM MOUND - 2	HOV-3-down steam	Flange	0.5	1	100	0.000003	8760	0.024807
438	20.06.2025	LPG PSV PLATFORM MOUND - 2	HOV-4-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
439	20.06.2025	LPG PSV PLATFORM MOUND - 2	HOV-4-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
440	20.06.2025	LPG PSV PLATFORM MOUND - 2	PSV SMALL FLANGE	Flange	0.9	1	100	0.000004	8760	0.037501
441	20.06.2025	LPG PSV PLATFORM MOUND - 2	PSV SMALL FLANGE	Flange	0.2	1	100	0.000001	8760	0.013027
442	20.06.2025	LPG PSV PLATFORM MOUND - 2	PSV SMALL FLANGE	Flange	0.3	1	100	0.000002	8760	0.017323
443	20.06.2025	LPG PSV PLATFORM MOUND - 2	PSV SMALL FLANGE	Flange	0.4	1	100	0.000002	8760	0.021206
444	20.06.2025	LPG PSV PLATFORM MOUND - 2	PSV SMALL FLANGE	Flange	0.5	1	100	0.000003	8760	0.024807
445	20.06.2025	LPG PSV PLATFORM MOUND - 2	PSV SMALL FLANGE	Flange	0.1	1	100	0.000001	8760	0.008002
446	20.06.2025	LPG PSV PLATFORM MOUND - 2	PSV SMALL FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
447	20.06.2025	LPG PSV PLATFORM MOUND - 2	PSV SMALL FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
448	20.06.2025	LPG PSV PLATFORM MOUND - 2	PSV SMALL FLANGE	Flange	0.3	1	100	0.000002	8760	0.017323
449	20.06.2025	LPG PSV PLATFORM MOUND - 2	PSV SMALL FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
450	20.06.2025	LPG PSV PLATFORM MOUND - 2	PSV SMALL FLANGE	Flange	0.2	1	100	0.000001	8760	0.013027
451	20.06.2025	LPG PSV PLATFORM MOUND - 2	PSV SMALL FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
452	20.06.2025	LPG PSV PLATFORM MOUND - 2	PSV HOV-872936	Flange	0.4	1	100	0.000002	8760	0.021206
453	20.06.2025	LPG PSV PLATFORM MOUND - 2	PSV HOV-872936	Flange	0.0	1	100	0.000000	8760	0.000000
454	20.06.2025	LPG PSV PLATFORM MOUND - 2	HOV	Flange	0.0	1	100	0.000000	8760	0.000000
455	20.06.2025	LPG PSV PLATFORM MOUND - 2	HOV	Flange	0.0	1	100	0.000000	8760	0.000000
456	20.06.2025	LPG PSV PLATFORM MOUND - 2	PSV HOV-873021	Flange	0.0	1	100	0.000000	8760	0.000000
457	20.06.2025	LPG PSV PLATFORM MOUND - 2	PSV HOV-873021	Flange	0.0	1	100	0.000000	8760	0.000000
458	20.06.2025	LPG PSV PLATFORM MOUND - 2	PSV HOV-872990	Flange	0.9	1	100	0.000004	8760	0.037501
459	20.06.2025	LPG PSV PLATFORM MOUND - 2	PSV HOV-872990	Flange	0.0	1	100	0.000000	8760	0.000000
460	20.06.2025	LPG PSV PLATFORM MOUND - 2	PSV HOV-201119662	Flange	2.0	1	100	0.000008	8760	0.065740
461	20.06.2025	LPG PSV PLATFORM MOUND - 2	PSV HOV-201119662	Flange	0.5	1	100	0.000003	8760	0.024807
462	20.06.2025	LPG PSV PLATFORM MOUND - 2	PSV HOV-872963	Flange	0.7	1	100	0.000004	8760	0.031427
463	20.06.2025	LPG PSV PLATFORM MOUND - 2	PSV HOV-872963	Flange	1.1	1	100	0.000005	8760	0.043182
464	20.06.2025	LPG PSV PLATFORM MOUND - 2	PSC HOV 873032	Flange	0.9	1	100	0.000004	8760	0.037501
465	20.06.2025	LPG PSV PLATFORM MOUND - 2	PSC HOV 873032	Flange	1.2	1	100	0.000005	8760	0.045906
466	20.06.2025	LPG PSV PLATFORM MOUND - 2	NRV	Flange	0.0	1	100	0.000000	8760	0.000000
467	20.06.2025	LPG PSV PLATFORM MOUND - 2	NRV	Flange	0.0	1	100	0.000000	8760	0.000000
468	20.06.2025	LPG PSV PLATFORM MOUND - 2	PSC HOV 873030	Flange	0.1	1	100	0.000001	8760	0.008002
469	20.06.2025	LPG PSV PLATFORM MOUND - 2	PSC HOV 873030	Flange	0.2	1	100	0.000001	8760	0.013027
470	20.06.2025	LPG PSV PLATFORM MOUND - 2	HOV	Flange	0.0	1	100	0.000000	8760	0.000000
471	20.06.2025	LPG PSV PLATFORM MOUND - 2	HOV	Flange	0.0	1	100	0.000000	8760	0.000000
472	20.06.2025	LPG PSV PLATFORM MOUND - 2	HOV-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
473	20.06.2025	LPG PSV PLATFORM MOUND - 2	HOV down steam	Flange	0.2	1	100	0.000001	8760	0.013027
474	20.06.2025	LPG PSV PLATFORM MOUND - 2	PSC HOV 873097	Flange	0.0	1	100	0.000000	8760	0.000000
475	20.06.2025	LPG PSV PLATFORM MOUND - 2	PSC HOV 873097	Flange	0.1	1	100	0.000001	8760	0.008002
476	20.06.2025	LPG PSV PLATFORM MOUND - 2	OTHER HOVS 156111	Flange	0.0	1	100	0.000000	8760	0.000000
477	20.06.2025	LPG PSV PLATFORM MOUND - 2	OTHER HOVS 156111	Flange	0.0	1	100	0.000000	8760	0.000000
478	20.06.2025	LPG PSV PLATFORM MOUND - 2	HOV 156078	Flange	0.4	1	100	0.000002	8760	0.021206
479	20.06.2025	LPG PSV PLATFORM MOUND - 2	HOV 156078	Flange	0.0	1	100	0.000000	8760	0.000000
480	20.06.2025	LPG PSV PLATFORM MOUND - 2	HOV G1 428	Flange	0.0	1	100	0.000000	8760	0.000000
481	20.06.2025	LPG PSV PLATFORM MOUND - 2	HOV G1 428	Flange	0.1	1	100	0.000001	8760	0.008002
482	20.06.2025	LPG PSV PLATFORM MOUND - 2	HOV 156085	Flange	0.0	1	100	0.000000	8760	0.000000
483	20.06.2025	LPG PSV PLATFORM MOUND - 2	HOV 156085	Flange	0.0	1	100	0.000000	8760	0.000000
484	20.06.2025	LPG PSV PLATFORM MOUND - 2	HOV 156780	Flange	0.2	1	100	0.000001	8760	0.013027
485	20.06.2025	LPG PSV PLATFORM MOUND - 2	HOV 156780	Flange	0.0	1	100	0.000000	8760	0.000000
486	20.06.2025	LPG PSV PLATFORM MOUND - 2	NRV G1 423	Flange	0.1	1	100	0.000001	8760	0.008002
487	20.06.2025	LPG PSV PLATFORM MOUND - 2	NRV G1 423	Flange	0.1	1	100	0.000001	8760	0.008002
488	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
489	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
490	19.06.2025	LPG PSV PLATFORM MOUND - 3	HOV-1-UP steam	Flange	0.7	1	100	0.000004	8760	0.031427
491	19.06.2025	LPG PSV PLATFORM MOUND - 3	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
492	19.06.2025	LPG PSV PLATFORM MOUND - 3	HOV-2-UP steam	Flange	0.4	1	100	0.000002	8760	0.021206
493	19.06.2025	LPG PSV PLATFORM MOUND - 3	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
494	19.06.2025	LPG PSV PLATFORM MOUND - 3	HOV-3-UP steam	Flange	0.6	1	100	0.000003	8760	0.028200
495	19.06.2025	LPG PSV PLATFORM MOUND - 3	HOV-3-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
496	19.06.2025	LPG PSV PLATFORM MOUND - 3	HOV-4-UP steam	Flange	0.3	1	100	0.000002	8760	0.017323
497	19.06.2025	LPG PSV PLATFORM MOUND - 3	HOV-4-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
498	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV-1-up steam	Flange	0.2	1	100	0.000001	8760	0.013027
499	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV-1-down steam	Flange	0.2	1	100	0.000001	8760	0.013027
500	19.06.2025	LPG PSV PLATFORM MOUND - 3	HOV-1-UP steam	Flange	0.3	1	100	0.000002	8760	0.017323
501	19.06.2025	LPG PSV PLATFORM MOUND - 3	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
502	19.06.2025	LPG PSV PLATFORM MOUND - 3	HOV-2-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
503	19.06.2025	LPG PSV PLATFORM MOUND - 3	HOV-2-down steam	Flange	8.9	1	100	0.000021	8760	0.187770
504	19.06.2025	LPG PSV PLATFORM MOUND - 3	HOV-3-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
505	19.06.2025	LPG PSV PLATFORM MOUND - 3	HOV-3-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
506	19.06.2025	LPG PSV PLATFORM MOUND - 3	HOV-4-UP steam	Flange	4.2	1	100	0.000013	8760	0.110751
507	19.06.2025	LPG PSV PLATFORM MOUND - 3	HOV-4-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
508	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
509	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV-1-down steam	Flange	0.3	1	100	0.000002	8760	0.017323
510	19.06.2025	LPG PSV PLATFORM MOUND - 3	HOV-1-UP steam	Flange	0.4	1	100	0.000002	8760	0.021206
511	19.06.2025	LPG PSV PLATFORM MOUND - 3	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
512	19.06.2025	LPG PSV PLATFORM MOUND - 3	HOV-2-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
513	19.06.2025	LPG PSV PLATFORM MOUND - 3	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
514	19.06.2025	LPG PSV PLATFORM MOUND - 3	HOV-3-UP steam	Flange	0.3	1	100	0.000002	8760	0.017323
515	19.06.2025	LPG PSV PLATFORM MOUND - 3	HOV-3-down steam	Flange	0.2	1	100	0.000001	8760	0.013027
516	19.06.2025	LPG PSV PLATFORM MOUND - 3	HOV-4-UP steam	Flange	0.2	1	100	0.000001	8760	0.013027
517	19.06.2025	LPG PSV PLATFORM MOUND - 3	HOV-4-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
518	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000

519	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
520	19.06.2025	LPG PSV PLATFORM MOUND - 3	HOV-1-UP steam	Flange	0.2	1	100	0.000001	8760	0.013027
521	19.06.2025	LPG PSV PLATFORM MOUND - 3	HOV-1-down steam	Flange	0.1	1	100	0.000001	8760	0.008002
522	19.06.2025	LPG PSV PLATFORM MOUND - 3	HOV-2-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
523	19.06.2025	LPG PSV PLATFORM MOUND - 3	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
524	19.06.2025	LPG PSV PLATFORM MOUND - 3	HOV-3-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
525	19.06.2025	LPG PSV PLATFORM MOUND - 3	HOV-3-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
526	19.06.2025	LPG PSV PLATFORM MOUND - 3	HOV-4-UP steam	Flange	3.9	1	100	0.000012	8760	0.105129
527	19.06.2025	LPG PSV PLATFORM MOUND - 3	HOV-4-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
528	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV-1-up steam	Flange	0.7	1	100	0.000004	8760	0.031427
529	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
530	19.06.2025	LPG PSV PLATFORM MOUND - 3	HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
531	19.06.2025	LPG PSV PLATFORM MOUND - 3	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
532	19.06.2025	LPG PSV PLATFORM MOUND - 3	HOV-2-UP steam	Flange	0.3	1	100	0.000002	8760	0.017323
533	19.06.2025	LPG PSV PLATFORM MOUND - 3	HOV-2-down steam	Flange	0.2	1	100	0.000001	8760	0.013027
534	19.06.2025	LPG PSV PLATFORM MOUND - 3	HOV-3-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
535	19.06.2025	LPG PSV PLATFORM MOUND - 3	HOV-3-down steam	Flange	0.2	1	100	0.000001	8760	0.013027
536	19.06.2025	LPG PSV PLATFORM MOUND - 3	HOV-4-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
537	19.06.2025	LPG PSV PLATFORM MOUND - 3	HOV-4-down steam	Flange	0.9	1	100	0.000004	8760	0.037501
538	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV-1-up steam	Flange	1.2	1	100	0.000005	8760	0.045906
539	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
540	19.06.2025	LPG PSV PLATFORM MOUND - 3	HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
541	19.06.2025	LPG PSV PLATFORM MOUND - 3	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
542	19.06.2025	LPG PSV PLATFORM MOUND - 3	HOV-2-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
543	19.06.2025	LPG PSV PLATFORM MOUND - 3	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
544	19.06.2025	LPG PSV PLATFORM MOUND - 3	HOV-3-UP steam	Flange	0.9	1	100	0.000004	8760	0.037501
545	19.06.2025	LPG PSV PLATFORM MOUND - 3	HOV-3-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
546	19.06.2025	LPG PSV PLATFORM MOUND - 3	HOV-4-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
547	19.06.2025	LPG PSV PLATFORM MOUND - 3	HOV-4-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
548	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV SMALL	Flange	0.0	1	100	0.000000	8760	0.000000
549	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV SMALL	Flange	1.2	1	100	0.000005	8760	0.045906
550	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV SMALL 159985	Flange	0.0	1	100	0.000000	8760	0.000000
551	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV SMALL	Flange	0.0	1	100	0.000000	8760	0.000000
552	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV SMALL	Flange	1.4	1	100	0.000006	8760	0.051160
553	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV SMALL	Flange	0.0	1	100	0.000000	8760	0.000000
554	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV SMALL	Flange	0.0	1	100	0.000000	8760	0.000000
555	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV SMALL	Flange	0.0	1	100	0.000000	8760	0.000000
556	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV SMALL	Flange	0.0	1	100	0.000000	8760	0.000000
557	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV SMALL 201119648	Flange	0.9	1	100	0.000004	8760	0.037501
558	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV SMALL	Flange	0.0	1	100	0.000000	8760	0.000000
559	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV SMALL 201119672	Flange	1.5	1	100	0.000006	8760	0.053703
560	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV SMALL	Flange	0.0	1	100	0.000000	8760	0.000000
561	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV SMALL 201119641	Flange	2.1	1	100	0.000008	8760	0.068034
562	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV SMALL	Flange	0.0	1	100	0.000000	8760	0.000000
563	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV SMALL 201119644	Flange	0.0	1	100	0.000000	8760	0.000000
564	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV SMALL	Flange	0.0	1	100	0.000000	8760	0.000000
565	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV SMALL 201119642	Flange	0.0	1	100	0.000000	8760	0.000000
566	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV SMALL	Flange	0.0	1	100	0.000000	8760	0.000000
567	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV SMALL 201119668	Flange	0.2	1	100	0.000001	8760	0.013027
568	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV SMALL	Flange	0.3	1	100	0.000002	8760	0.017323
569	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV SMALL	Flange	0.0	1	100	0.000000	8760	0.000000
570	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV SMALL	Flange	0.5	1	100	0.000003	8760	0.024807
571	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV SMALL	Flange	0.0	1	100	0.000000	8760	0.000000
572	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV SMALL	Flange	0.0	1	100	0.000000	8760	0.000000
573	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS	Flange	0.9	1	100	0.000004	8760	0.037501
574	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS	Flange	0.8	1	100	0.000004	8760	0.034521
575	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS 872955	Flange	0.0	1	100	0.000000	8760	0.000000
576	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS	Flange	0.0	1	100	0.000000	8760	0.000000
577	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS	Flange	0.0	1	100	0.000000	8760	0.000000
578	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS	Flange	0.0	1	100	0.000000	8760	0.000000
579	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS 873000	Flange	0.0	1	100	0.000000	8760	0.000000
580	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS	Flange	2.9	1	100	0.000010	8760	0.085363
581	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS 872953	Flange	0.0	1	100	0.000000	8760	0.000000
582	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS	Flange	0.0	1	100	0.000000	8760	0.000000
583	19.06.2025	LPG PSV PLATFORM MOUND - 3	NRV F44877	Flange	0.0	1	100	0.000000	8760	0.000000
584	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS	Flange	4.7	1	100	0.000014	8760	0.119864
585	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS 885253	Flange	0.0	1	100	0.000000	8760	0.000000
586	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS	Flange	0.0	1	100	0.000000	8760	0.000000
587	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS	Flange	0.0	1	100	0.000000	8760	0.000000
588	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS	Flange	0.0	1	100	0.000000	8760	0.000000
589	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS 873063	Flange	0.0	1	100	0.000000	8760	0.000000
590	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS	Flange	0.3	1	100	0.000002	8760	0.017323
591	19.06.2025	LPG PSV PLATFORM MOUND - 3	NRV F44876	Flange	0.0	1	100	0.000000	8760	0.000000
592	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS	Flange	0.2	1	100	0.000001	8760	0.013027
593	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS 873101	Flange	0.4	1	100	0.000002	8760	0.021206
594	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS	Flange	0.0	1	100	0.000000	8760	0.000000
595	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS F44875	Flange	0.6	1	100	0.000003	8760	0.028200
596	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS	Flange	0.0	1	100	0.000000	8760	0.000000
597	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS 908469	Flange	0.0	1	100	0.000000	8760	0.000000
598	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS	Flange	0.0	1	100	0.000000	8760	0.000000
599	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS	Flange	0.5	1	100	0.000003	8760	0.024807
600	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS	Flange	0.0	1	100	0.000000	8760	0.000000
601	19.06.2025	LPG PSV PLATFORM MOUND - 3	NRV F44879	Flange	0.0	1	100	0.000000	8760	0.000000
602	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS	Flange	7.2	1	100	0.000018	8760	0.161774
603	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS	Flange	0.0	1	100	0.000000	8760	0.000000
604	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS	Flange	1.6	1	100	0.000006	8760	0.056195
605	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS 914680	Flange	0.0	1	100	0.000000	8760	0.000000

606	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS	Flange	0.0	1	100	0.000000	8760	0.000000
607	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS	Flange	0.0	1	100	0.000000	8760	0.000000
608	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS	Flange	0.0	1	100	0.000000	8760	0.000000
609	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS	Flange	0.0	1	100	0.000000	8760	0.000000
610	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS	Flange	0.0	1	100	0.000000	8760	0.000000
611	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS	Flange	0.0	1	100	0.000000	8760	0.000000
612	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS	Flange	0.0	1	100	0.000000	8760	0.000000
613	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS	Flange	0.0	1	100	0.000000	8760	0.000000
614	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS	Flange	0.0	1	100	0.000000	8760	0.000000
615	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS	Flange	1.2	1	100	0.000005	8760	0.045906
616	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS	Flange	0.0	1	100	0.000000	8760	0.000000
617	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS	Flange	0.7	1	100	0.000004	8760	0.031427
618	19.06.2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS	Flange	0.0	1	100	0.000000	8760	0.000000
619	19.06.2025	LPG PSV PLATFORM MOUND - 3	OTHER HOV	Flange	0.0	1	100	0.000000	8760	0.000000
620	19.06.2025	LPG PSV PLATFORM MOUND - 3	OTHER HOV	Flange	0.0	1	100	0.000000	8760	0.000000
621	19.06.2025	LPG PSV PLATFORM MOUND - 3	OTHER HOV	Flange	2.9	1	100	0.000010	8760	0.085363
622	19.06.2025	LPG PSV PLATFORM MOUND - 3	OTHER HOV	Flange	0.0	1	100	0.000000	8760	0.000000
623	19.06.2025	LPG PSV PLATFORM MOUND - 3	OTHER HOV	Flange	0.0	1	100	0.000000	8760	0.000000
624	19.06.2025	LPG PSV PLATFORM MOUND - 3	OTHER HOV	Flange	0.0	1	100	0.000000	8760	0.000000
625	19.06.2025	LPG PSV PLATFORM MOUND - 3	OTHER HOV	Flange	11.3	1	100	0.000025	8760	0.222085
626	19.06.2025	LPG PSV PLATFORM MOUND - 3	OTHER HOV	Flange	0.0	1	100	0.000000	8760	0.000000
627	19.06.2025	LPG PSV PLATFORM MOUND - 3	OTHER HOV	Flange	0.3	1	100	0.000002	8760	0.017323
628	19.06.2025	LPG PSV PLATFORM MOUND - 3	OTHER HOV	Flange	0.3	1	100	0.000002	8760	0.017323
629	19.06.2025	LPG PSV PLATFORM MOUND - 3	OTHER HOV	Flange	0.0	1	100	0.000000	8760	0.000000
630	19.06.2025	LPG PSV PLATFORM MOUND - 3	OTHER HOV	Flange	0.7	1	100	0.000004	8760	0.031427
631	19.06.2025	LPG PSV PLATFORM MOUND - 3	OTHER HOV	Flange	0.8	1	100	0.000004	8760	0.034521
632	19.06.2025	LPG PSV PLATFORM MOUND - 3	OTHER HOV	Flange	0.0	1	100	0.000000	8760	0.000000
633	19.06.2025	LPG PSV PLATFORM MOUND - 3	OTHER HOV	Flange	0.0	1	100	0.000000	8760	0.000000
634	19.06.2025	LPG PSV PLATFORM MOUND - 3	OTHER HOV	Flange	0.0	1	100	0.000000	8760	0.000000
635	19.06.2025	LPG PSV PLATFORM MOUND - 3	OTHER HOV	Flange	0.4	1	100	0.000002	8760	0.021206
636	19.06.2025	LPG PSV PLATFORM MOUND - 3	OTHER HOV	Flange	2.1	1	100	0.000008	8760	0.068034
637	19.06.2025	LPG PSV PLATFORM MOUND - 3	OTHER HOV 873117	Flange	0.0	1	100	0.000000	8760	0.000000
638	19.06.2025	LPG PSV PLATFORM MOUND - 3	OTHER HOV	Flange	0.5	1	100	0.000003	8760	0.024807
639	19.06.2025	LPG PSV PLATFORM MOUND - 3	OTHER HOV	Flange	0.0	1	100	0.000000	8760	0.000000
640	19.06.2025	LPG PSV PLATFORM MOUND - 3	OTHER HOV	Flange	0.2	1	100	0.000001	8760	0.013027
641	19.06.2025	LPG PSV PLATFORM MOUND - 3	OTHER HOV	Flange	0.0	1	100	0.000000	8760	0.000000
642	19.06.2025	LPG PSV PLATFORM MOUND - 3	OTHER HOV	Flange	0.0	1	100	0.000000	8760	0.000000
643	19.06.2025	LPG PSV PLATFORM MOUND - 3	OTHER HOV 873112	Flange	0.0	1	100	0.000000	8760	0.000000
644	19.06.2025	LPG PSV PLATFORM MOUND - 3	OTHER HOV	Flange	0.3	1	100	0.000002	8760	0.017323
645	19.06.2025	COMPRESSOR HOUSE - SECTION LINE	HOV-1-UPsteam	Flange	0.4	1	100	0.000002	8760	0.021206
646	19.06.2025	COMPRESSOR HOUSE - SECTION LINE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
647	19.06.2025	COMPRESSOR HOUSE - SECTION LINE	HOV-2-UPsteam	Flange	0.0	1	100	0.000000	8760	0.000000
648	19.06.2025	COMPRESSOR HOUSE - SECTION LINE	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
649	19.06.2025	COMPRESSOR HOUSE - SECTION LINE	HOV-3-UPsteam	Flange	0.0	1	100	0.000000	8760	0.000000
650	19.06.2025	COMPRESSOR HOUSE - SECTION LINE	HOV-3-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
651	19.06.2025	COMPRESSOR HOUSE - SECTION LINE	HOV-4-UPsteam	Flange	3.2	1	100	0.000010	8760	0.091480
652	19.06.2025	COMPRESSOR HOUSE - SECTION LINE	HOV-4-down steam	Flange	6.0	1	100	0.000016	8760	0.142313
653	19.06.2025	COMPRESSOR HOUSE - SECTION LINE	HOV-5-UPsteam	Flange	12.7	1	100	0.000028	8760	0.241090
654	19.06.2025	COMPRESSOR HOUSE - SECTION LINE	HOV-5-down steam	Flange	0.6	1	100	0.000003	8760	0.028200
655	19.06.2025	COMPRESSOR HOUSE - SECTION LINE	HOV-6-UPsteam	Flange	0.0	1	100	0.000000	8760	0.000000
656	19.06.2025	COMPRESSOR HOUSE - SECTION LINE	HOV-6-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
657	19.06.2025	COMPRESSOR HOUSE - SECTION LINE	HOV-7-UPsteam	Flange	0.0	1	100	0.000000	8760	0.000000
658	19.06.2025	COMPRESSOR HOUSE - SECTION LINE	HOV-7-down steam	Flange	4.5	1	100	0.000013	8760	0.116255
659	19.06.2025	COMPRESSOR HOUSE - SECTION LINE	HOV-8-UPsteam	Flange	0.0	1	100	0.000000	8760	0.000000
660	19.06.2025	COMPRESSOR HOUSE - SECTION LINE	HOV-8-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
661	19.06.2025	KOD VOLUME BOTTLE	HOV-1-UPsteam	Flange	0.0	1	100	0.000000	8760	0.000000
662	19.06.2025	KOD VOLUME BOTTLE	HOV-1-down steam	Flange	3.4	1	100	0.000011	8760	0.095463
663	19.06.2025	KOD VOLUME BOTTLE	SPOOL PIECE UPsteam	Flange	0.0	1	100	0.000000	8760	0.000000
664	19.06.2025	KOD VOLUME BOTTLE	SPOOL PIECE DOWN steam	Flange	2.1	1	100	0.000008	8760	0.068034
665	19.06.2025	KOD VOLUME BOTTLE	KOD FLANGE UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
666	19.06.2025	KOD VOLUME BOTTLE	KOD FLANGE DOWNSTEAM	Flange	0.9	1	100	0.000004	8760	0.037501
667	19.06.2025	DISCHARGE VOLUME DRUM BODY FLANGES	HOV-1-UPsteam	Flange	0.3	1	100	0.000002	8760	0.017323
668	19.06.2025	DISCHARGE VOLUME DRUM BODY FLANGES	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
669	19.06.2025	DISCHARGE VOLUME DRUM BODY FLANGES	KOD BODY UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
670	19.06.2025	DISCHARGE VOLUME DRUM BODY FLANGES	KOD BODY DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
671	19.06.2025	CTMS PIPELINE LPG	MAIN INLET LINE HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
672	19.06.2025	CTMS PIPELINE LPG	MAIN INLET LINE HOV DOWNSTEAM	Flange	0.3	1	100	0.000002	8760	0.017323
673	20.06.2025	BRANCH LINE - 1	PSV UPSTEAM	Flange	0.4	1	100	0.000002	8760	0.021206
674	20.06.2025	BRANCH LINE - 1	PSV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
675	20.06.2025	BRANCH LINE - 1	HOV-1-UPsteam	Flange	0.0	1	100	0.000000	8760	0.000000
676	20.06.2025	BRANCH LINE - 1	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
677	20.06.2025	BRANCH LINE - 1	HOV-2-UPsteam	Flange	0.5	1	100	0.000003	8760	0.024807
678	20.06.2025	BRANCH LINE - 1	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
679	20.06.2025	BRANCH LINE - 1	MOV - 1 UPSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
680	20.06.2025	BRANCH LINE - 1	MOV - 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
681	20.06.2025	BRANCH LINE - 1	BASKET FILTER	Flange	0.1	1	100	0.000001	8760	0.008002
682	20.06.2025	BRANCH LINE - 1	BASKET FILTER OUTLET	Flange	0.0	1	100	0.000000	8760	0.000000
683	20.06.2025	BRANCH LINE - 1	MOV - 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
684	20.06.2025	BRANCH LINE - 1	MOV - 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
685	20.06.2025	BRANCH LINE - 1	FCV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
686	20.06.2025	BRANCH LINE - 1	FCV DOWNSTEAM	Flange	0.4	1	100	0.000002	8760	0.021206
687	20.06.2025	BRANCH LINE - 1	MOV - 3 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
688	20.06.2025	BRANCH LINE - 1	MOV - 3 DOWNSTEAM	Flange	0.3	1	100	0.000002	8760	0.017323
689	20.06.2025	BRANCH LINE - 2	MOV - 1 UPSTEAM	Flange	0.4	1	100	0.000002	8760	0.021206
690	20.06.2025	BRANCH LINE - 2	MOV - 1 DOWNSTEAM	Flange	0.3	1	100	0.000002	8760	0.017323
691	20.06.2025	BRANCH LINE - 2	BASKET FILTER OUTLET 1	Flange	0.2	1	100	0.000001	8760	0.013027
692	20.06.2025	BRANCH LINE - 2	BASKET FILTER OUTLET 2	Flange	0.1	1	100	0.000001	8760	0.008002

693	20.06.2025	BRANCH LINE - 2	BASKET FILTER OUTLET 3	Flange	0.3	1	100	0.000002	8760	0.017323
694	20.06.2025	BRANCH LINE - 2	PSV UPSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
695	20.06.2025	BRANCH LINE - 2	PSV DOWNSTEAM	Flange	0.5	1	100	0.000003	8760	0.024807
696	20.06.2025	BRANCH LINE - 2	HOV-1-UPsteam	Flange	0.0	1	100	0.000000	8760	0.000000
697	20.06.2025	BRANCH LINE - 2	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
698	20.06.2025	BRANCH LINE - 2	HOV-2-UPsteam	Flange	0.0	1	100	0.000000	8760	0.000000
699	20.06.2025	BRANCH LINE - 2	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
700	20.06.2025	BRANCH LINE - 2	BASKET FILTER OUTLET	Flange	0.0	1	100	0.000000	8760	0.000000
701	20.06.2025	BRANCH LINE - 2	MOV - 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
702	20.06.2025	BRANCH LINE - 2	MOV - 2 DOWNSTEAM	Flange	0.3	1	100	0.000002	8760	0.017323
703	20.06.2025	BRANCH LINE - 2	FCV UPSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
704	20.06.2025	BRANCH LINE - 2	FCV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
705	20.06.2025	BRANCH LINE - 2	MOV - 3 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
706	20.06.2025	BRANCH LINE - 2	MOV - 3 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
707	20.06.2025	BRANCH LINE - 3	MOV - 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
708	20.06.2025	BRANCH LINE - 3	MOV - 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
709	20.06.2025	BRANCH LINE - 3	BASKET FILTER OUTLET 1	Flange	0.2	1	100	0.000001	8760	0.013027
710	20.06.2025	BRANCH LINE - 3	BASKET FILTER OUTLET 2	Flange	0.0	1	100	0.000000	8760	0.000000
711	20.06.2025	BRANCH LINE - 3	BASKET FILTER OUTLET 3	Flange	0.0	1	100	0.000000	8760	0.000000
712	20.06.2025	BRANCH LINE - 3	PSV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
713	20.06.2025	BRANCH LINE - 3	PSV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
714	20.06.2025	BRANCH LINE - 3	HOV-1-UPsteam	Flange	0.0	1	100	0.000000	8760	0.000000
715	20.06.2025	BRANCH LINE - 3	HOV-1-down steam	Flange	0.3	1	100	0.000002	8760	0.017323
716	20.06.2025	BRANCH LINE - 3	HOV-2-UPsteam	Flange	0.2	1	100	0.000001	8760	0.013027
717	20.06.2025	BRANCH LINE - 3	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
718	20.06.2025	BRANCH LINE - 3	BASKET FILTER OUTLET	Flange	0.1	1	100	0.000001	8760	0.008002
719	20.06.2025	BRANCH LINE - 3	MOV - 2 UPSTEAM	Flange	0.3	1	100	0.000002	8760	0.017323
720	20.06.2025	BRANCH LINE - 3	MOV - 2 DOWNSTEAM	Flange	0.4	1	100	0.000002	8760	0.021206
721	20.06.2025	BRANCH LINE - 3	FCV UPSTEAM	Flange	0.5	1	100	0.000003	8760	0.024807
722	20.06.2025	BRANCH LINE - 3	FCV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
723	20.06.2025	BRANCH LINE - 3	MOV - 3 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
724	20.06.2025	BRANCH LINE - 3	MOV - 3 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
725	20.06.2025	BRANCH LINE - 3	MOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
726	20.06.2025	BRANCH LINE - 3	MOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
727	20.06.2025	BRANCH LINE - 3	PROVER FLANGE UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
728	20.06.2025	BRANCH LINE - 3	PROVER FLANGE DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
729	20.06.2025	BRANCH LINE - 3	FCV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
730	20.06.2025	BRANCH LINE - 3	FCV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
731	20.06.2025	BRANCH LINE - 3	MOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
732	20.06.2025	BRANCH LINE - 3	MOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
733	20.06.2025	BRANCH LINE - 3	PUMP SEAL	Pump Seal	0.0	1	100	0	8760	0.000000
734	20.06.2025	BRANCH LINE - 3	BYE PASS MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
735	20.06.2025	BRANCH LINE - 3	BYE PASS MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
736	20.06.2025	BRANCH LINE - 3	LINE HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
737	20.06.2025	BRANCH LINE - 3	LINE HOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
738	20.06.2025	BRANCH LINE - 3	FCV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
739	20.06.2025	BRANCH LINE - 3	FCV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
740	20.06.2025	BRANCH LINE - 3	HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
741	20.06.2025	BRANCH LINE - 3	HOV DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
742	20.06.2025	BRANCH LINE - 3	LAST HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
743	20.06.2025	BRANCH LINE - 3	LAST HOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
744	20.06.2025	CTMS MARKETING LPG -1	MAIN INLET HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
745	20.06.2025	CTMS MARKETING LPG -1	MAIN INLET HOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
746	20.06.2025	BRANCH LINE - 1	MOV - 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
747	20.06.2025	BRANCH LINE - 1	MOV - 1 DOWNSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
748	20.06.2025	BRANCH LINE - 1	BASKET FILTER	Flange	0.0	1	100	0.000000	8760	0.000000
749	20.06.2025	BRANCH LINE - 1	PSV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
750	20.06.2025	BRANCH LINE - 1	PSV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
751	20.06.2025	BRANCH LINE - 1	HOV-1-UPsteam	Flange	0.7	1	100	0.000004	8760	0.031427
752	20.06.2025	BRANCH LINE - 1	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
753	20.06.2025	BRANCH LINE - 1	HOV-2-UPsteam	Flange	0.0	1	100	0.000000	8760	0.000000
754	20.06.2025	BRANCH LINE - 1	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
755	20.06.2025	BRANCH LINE - 1	BASKET FILTER OUTLET	Flange	0.4	1	100	0.000002	8760	0.021206
756	20.06.2025	BRANCH LINE - 1	MOV - 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
757	20.06.2025	BRANCH LINE - 1	MOV - 2 DOWNSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
758	20.06.2025	BRANCH LINE - 1	FCV UPSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
759	20.06.2025	BRANCH LINE - 1	FCV DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
760	20.06.2025	BRANCH LINE - 1	MOV - 3 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
761	20.06.2025	BRANCH LINE - 1	MOV - 3 DOWNSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
762	20.06.2025	BRANCH LINE - 2	MOV - 1 UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
763	20.06.2025	BRANCH LINE - 2	MOV - 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
764	20.06.2025	BRANCH LINE - 2	BASKET FILTER OUTLET 1	Flange	0.0	1	100	0.000000	8760	0.000000
765	20.06.2025	BRANCH LINE - 2	BASKET FILTER OUTLET 2	Flange	0.0	1	100	0.000000	8760	0.000000
766	20.06.2025	BRANCH LINE - 2	BASKET FILTER OUTLET 3	Flange	0.6	1	100	0.000003	8760	0.028200
767	20.06.2025	BRANCH LINE - 2	PSV UPSTEAM	Flange	0.5	1	100	0.000003	8760	0.024807
768	20.06.2025	BRANCH LINE - 2	PSV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
769	20.06.2025	BRANCH LINE - 2	HOV-1-UPsteam	Flange	0.0	1	100	0.000000	8760	0.000000
770	20.06.2025	BRANCH LINE - 2	HOV-1-down steam	Flange	0.2	1	100	0.000001	8760	0.013027
771	20.06.2025	BRANCH LINE - 2	HOV-2-UPsteam	Flange	0.0	1	100	0.000000	8760	0.000000
772	20.06.2025	BRANCH LINE - 2	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
773	20.06.2025	BRANCH LINE - 2	BASKET FILTER OUTLET	Flange	0.0	1	100	0.000000	8760	0.000000
774	20.06.2025	BRANCH LINE - 2	MOV - 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
775	20.06.2025	BRANCH LINE - 2	MOV - 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
776	20.06.2025	BRANCH LINE - 2	FCV UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
777	20.06.2025	BRANCH LINE - 2	FCV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
778	20.06.2025	BRANCH LINE - 2	MOV - 3 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
779	20.06.2025	BRANCH LINE - 2	MOV - 3 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000

780	20.06.2025	BRANCH LINE - 3	MOV - 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
781	20.06.2025	BRANCH LINE - 3	MOV - 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
782	20.06.2025	BRANCH LINE - 3	BASKET FILTER OUTLET 1	Flange	0.2	1	100	0.000001	8760	0.013027
783	20.06.2025	BRANCH LINE - 3	BASKET FILTER OUTLET 2	Flange	0.8	1	100	0.000004	8760	0.034521
784	20.06.2025	BRANCH LINE - 3	BASKET FILTER OUTLET 3	Flange	0.0	1	100	0.000000	8760	0.000000
785	20.06.2025	BRANCH LINE - 3	PSV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
786	20.06.2025	BRANCH LINE - 3	PSV DOWNSTEAM	Flange	0.9	1	100	0.000004	8760	0.037501
787	20.06.2025	BRANCH LINE - 3	HOV-1-UPsteam	Flange	0.0	1	100	0.000000	8760	0.000000
788	20.06.2025	BRANCH LINE - 3	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
789	20.06.2025	BRANCH LINE - 3	HOV-2-UPsteam	Flange	0.0	1	100	0.000000	8760	0.000000
790	20.06.2025	BRANCH LINE - 3	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
791	20.06.2025	BRANCH LINE - 3	BASKET FILTER OUTLET	Flange	0.0	1	100	0.000000	8760	0.000000
792	20.06.2025	BRANCH LINE - 3	MOV - 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
793	20.06.2025	BRANCH LINE - 3	MOV - 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
794	20.06.2025	BRANCH LINE - 3	FCV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
795	20.06.2025	BRANCH LINE - 3	FCV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
796	20.06.2025	BRANCH LINE - 3	MOV - 3 UPSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
797	20.06.2025	BRANCH LINE - 3	MOV - 3 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
798	20.06.2025	BRANCH LINE - 3	MOV UPSTEAM	Flange	0.4	1	100	0.000002	8760	0.021206
799	20.06.2025	BRANCH LINE - 3	MOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
800	20.06.2025	BRANCH LINE - 3	PROVER FLANGE UPSTEAM	Flange	2.0	1	100	0.000008	8760	0.065740
801	20.06.2025	BRANCH LINE - 3	PROVER FLANGE DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
802	20.06.2025	BRANCH LINE - 3	FCV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
803	20.06.2025	BRANCH LINE - 3	FCV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
804	20.06.2025	BRANCH LINE - 3	MOV UPSTEAM	Flange	3.9	1	100	0.000012	8760	0.105129
805	20.06.2025	BRANCH LINE - 3	MOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
806	20.06.2025	BRANCH LINE - 3	PUMP SEAL	Pump Seal	0.0	1	100	0	8760	0.000000
807	20.06.2025	BRANCH LINE - 3	BYE PASS MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
808	20.06.2025	BRANCH LINE - 3	BYE PASS MOV DOWN STEAM	Flange	2.1	1	100	0.000008	8760	0.068034
809	20.06.2025	BRANCH LINE - 3	LINE HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
810	20.06.2025	BRANCH LINE - 3	LINE HOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
811	20.06.2025	BRANCH LINE - 3	FCV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
812	20.06.2025	BRANCH LINE - 3	FCV DOWNSTEAM	Flange	1.3	1	100	0.000006	8760	0.048563
813	20.06.2025	BRANCH LINE - 3	HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
814	20.06.2025	BRANCH LINE - 3	HOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
815	20.06.2025	BRANCH LINE - 3	XZV VALVE UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
816	20.06.2025	BRANCH LINE - 3	XZV VALVE DOWNSTEAM	Flange	0.9	1	100	0.000004	8760	0.037501
817	20.06.2025	BRANCH LINE - 3	LAST HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
818	20.06.2025	BRANCH LINE - 3	LAST HOV DOWNSTEAM	Flange	0.3	1	100	0.000002	8760	0.017323
819	20.06.2025	CTMS MARKETING LPG -2	MAIN INLET HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
820	20.06.2025	CTMS MARKETING LPG -2	MAIN INLET HOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
821	20.06.2025	BRANCH LINE - 1	MOV - 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
822	20.06.2025	BRANCH LINE - 1	MOV - 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
823	20.06.2025	BRANCH LINE - 1	BASKET FILTER	Flange	0.5	1	100	0.000003	8760	0.024807
824	20.06.2025	BRANCH LINE - 1	PSV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
825	20.06.2025	BRANCH LINE - 1	PSV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
826	20.06.2025	BRANCH LINE - 1	HOV-1-UPsteam	Flange	0.2	1	100	0.000001	8760	0.013027
827	20.06.2025	BRANCH LINE - 1	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
828	20.06.2025	BRANCH LINE - 1	HOV-2-UPsteam	Flange	0.1	1	100	0.000001	8760	0.008002
829	20.06.2025	BRANCH LINE - 1	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
830	20.06.2025	BRANCH LINE - 1	BASKET FILTER OUTLET	Flange	0.0	1	100	0.000000	8760	0.000000
831	20.06.2025	BRANCH LINE - 1	MOV - 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
832	20.06.2025	BRANCH LINE - 1	MOV - 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
833	20.06.2025	BRANCH LINE - 1	FCV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
834	20.06.2025	BRANCH LINE - 1	FCV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
835	20.06.2025	BRANCH LINE - 1	MOV - 3 UPSTEAM	Flange	0.7	1	100	0.000004	8760	0.031427
836	20.06.2025	BRANCH LINE - 1	MOV - 3 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
837	20.06.2025	BRANCH LINE - 2	MOV - 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
838	20.06.2025	BRANCH LINE - 2	MOV - 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
839	20.06.2025	BRANCH LINE - 2	BASKET FILTER OUTLET 1	Flange	0.0	1	100	0.000000	8760	0.000000
840	20.06.2025	BRANCH LINE - 2	BASKET FILTER OUTLET 2	Flange	0.2	1	100	0.000001	8760	0.013027
841	20.06.2025	BRANCH LINE - 2	BASKET FILTER OUTLET 3	Flange	0.0	1	100	0.000000	8760	0.000000
842	20.06.2025	BRANCH LINE - 2	PSV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
843	20.06.2025	BRANCH LINE - 2	PSV DOWNSTEAM	Flange	0.4	1	100	0.000002	8760	0.021206
844	20.06.2025	BRANCH LINE - 2	HOV-1-UPsteam	Flange	0.0	1	100	0.000000	8760	0.000000
845	20.06.2025	BRANCH LINE - 2	HOV-1-down steam	Flange	0.2	1	100	0.000001	8760	0.013027
846	20.06.2025	BRANCH LINE - 2	HOV-2-UPsteam	Flange	0.0	1	100	0.000000	8760	0.000000
847	20.06.2025	BRANCH LINE - 2	HOV-2-down steam	Flange	0.5	1	100	0.000003	8760	0.024807
848	20.06.2025	BRANCH LINE - 2	BASKET FILTER OUTLET	Flange	0.0	1	100	0.000000	8760	0.000000
849	20.06.2025	BRANCH LINE - 2	MOV - 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
850	20.06.2025	BRANCH LINE - 2	MOV - 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
851	20.06.2025	BRANCH LINE - 2	FCV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
852	20.06.2025	BRANCH LINE - 2	FCV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
853	20.06.2025	BRANCH LINE - 2	MOV - 3 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
854	20.06.2025	BRANCH LINE - 2	MOV - 3 DOWNSTEAM	Flange	0.5	1	100	0.000003	8760	0.024807
855	20.06.2025	BRANCH LINE - 3	MOV - 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
856	20.06.2025	BRANCH LINE - 3	MOV - 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
857	20.06.2025	BRANCH LINE - 3	BASKET FILTER OUTLET 1	Flange	0.1	1	100	0.000001	8760	0.008002
858	20.06.2025	BRANCH LINE - 3	BASKET FILTER OUTLET 2	Flange	0.1	1	100	0.000001	8760	0.008002
859	20.06.2025	BRANCH LINE - 3	BASKET FILTER OUTLET 3	Flange	0.0	1	100	0.000000	8760	0.000000
860	20.06.2025	BRANCH LINE - 3	PSV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
861	20.06.2025	BRANCH LINE - 3	PSV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
862	20.06.2025	BRANCH LINE - 3	HOV-1-UPsteam	Flange	0.0	1	100	0.000000	8760	0.000000
863	20.06.2025	BRANCH LINE - 3	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
864	20.06.2025	BRANCH LINE - 3	HOV-2-UPsteam	Flange	0.2	1	100	0.000001	8760	0.013027
865	20.06.2025	BRANCH LINE - 3	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
866	20.06.2025	BRANCH LINE - 3	BASKET FILTER OUTLET	Flange	0.0	1	100	0.000000	8760	0.000000

867	20.06.2025	BRANCH LINE - 3	MOV - 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
868	20.06.2025	BRANCH LINE - 3	MOV - 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
869	20.06.2025	BRANCH LINE - 3	FCV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
870	20.06.2025	BRANCH LINE - 3	FCV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
871	20.06.2025	BRANCH LINE - 3	MOV - 3 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
872	20.06.2025	BRANCH LINE - 3	MOV - 3 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
873	20.06.2025	BRANCH LINE - 3	MOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
874	20.06.2025	BRANCH LINE - 3	MOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
875	20.06.2025	BRANCH LINE - 3	PROVER FLANGE UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
876	20.06.2025	BRANCH LINE - 3	PROVER FLANGE DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
877	20.06.2025	BRANCH LINE - 3	FCV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
878	20.06.2025	BRANCH LINE - 3	FCV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
879	20.06.2025	BRANCH LINE - 3	MOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
880	20.06.2025	BRANCH LINE - 3	MOV DOWNSTEAM	Flange	0.6	1	100	0.000003	8760	0.028200
881	20.06.2025	BRANCH LINE - 3	PUMP SEAL	Pump Seal	0.3	1	100	2.4133E-05	8760	0.211405
882	20.06.2025	BRANCH LINE - 3	BYE PASS MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
883	20.06.2025	BRANCH LINE - 3	BYE PASS MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
884	20.06.2025	BRANCH LINE - 3	LINE HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
885	20.06.2025	BRANCH LINE - 3	LINE HOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
886	20.06.2025	BRANCH LINE - 3	FCV UPSTEAM	Flange	0.4	1	100	0.000002	8760	0.021206
887	20.06.2025	BRANCH LINE - 3	FCV DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
888	20.06.2025	BRANCH LINE - 3	HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
889	20.06.2025	BRANCH LINE - 3	HOV DOWNSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
890	20.06.2025	BRANCH LINE - 3	XZV VALVE UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
891	20.06.2025	BRANCH LINE - 3	XZV VALVE DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
892	20.06.2025	BRANCH LINE - 3	LAST HOV UPSTEAM	Flange	0.3	1	100	0.000002	8760	0.017323
893	20.06.2025	BRANCH LINE - 3	LAST HOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
894	20.06.2025	LPG AREA MOUND I BULLET 205-V-003	BULLET INLET XZV 001 DOWNSTEAM	Flange	1.9	1	100	0.000007	8760	0.063412
895	20.06.2025	VAPOUR BALANCE LINE	HOV-1-UP steam	Flange	0.4	1	100	0.000002	8760	0.021206
896	20.06.2025	VAPOUR BALANCE LINE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
897	20.06.2025	VAPOUR BALANCE LINE	XZV VALVE UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
898	20.06.2025	VAPOUR BALANCE LINE	XZV VALVE DOWN STEAM	Flange	0.3	1	100	0.000002	8760	0.017323
899	20.06.2025	BULLET OUTLET LINE	XZV VALVE UP STEAM 0002	Flange	0.0	1	100	0.000000	8760	0.000000
900	20.06.2025	BULLET OUTLET LINE	XZV VALVE DOWN STEAM 0002	Flange	0.0	1	100	0.000000	8760	0.000000
901	20.06.2025	BULLET OUTLET LINE	HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
902	20.06.2025	BULLET OUTLET LINE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
903	20.06.2025	BULLET OUTLET LINE	HOV-2-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
904	20.06.2025	BULLET OUTLET LINE	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
905	20.06.2025	BULLET INLET LINE	BLENDING HEADER TOP OFF HOV	Flange	0.0	1	100	0.000000	8760	0.000000
906	20.06.2025	BULLET INLET LINE	BLENDING HEADER TOP OFF HOV	Flange	0.0	1	100	0.000000	8760	0.000000
907	20.06.2025	BULLET INLET LINE	NRV VALVE UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
908	20.06.2025	BULLET INLET LINE	NRV VALVE DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
909	20.06.2025	BULLET INLET LINE	PUMP 28A/B/C PROPYLENE I BT HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
910	20.06.2025	BULLET INLET LINE	PUMP 28A/B/C PROPYLENE I BT HOV DOWN STEAM	Flange	1.2	1	100	0.000005	8760	0.045906
911	20.06.2025	BULLET INLET LINE	NRV VALVE UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
912	20.06.2025	BULLET INLET LINE	NRV VALVE DOWNSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
913	20.06.2025	BULLET INLET LINE	PM 01A/B/C UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
914	20.06.2025	BULLET INLET LINE	PM 01A/B/C DOWNSTEAM	Flange	0.4	1	100	0.000002	8760	0.021206
915	20.06.2025	BULLET OUTLET LINE	28 A/B/C HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
916	20.06.2025	BULLET OUTLET LINE	28 A/B/C HOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
917	20.06.2025	BULLET INLET LINE	IBT DISCHARGE HOV UPSTEAM	Flange	0.9	1	100	0.000004	8760	0.037501
918	20.06.2025	BULLET INLET LINE	IBT DISCHARGE HOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
919	20.06.2025	BULLET INLET LINE	NRV VALVE UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
920	20.06.2025	BULLET INLET LINE	NRV VALVE DOWNSTEAM	Flange	0.3	1	100	0.000002	8760	0.017323
921	20.06.2025	BULLET INLET LINE	BLENDING SPILLAGE OF SPEE LPG HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
922	20.06.2025	BULLET INLET LINE	BLENDING SPILLAGE OF SPEE LPG HOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
923	20.06.2025	BULLET INLET LINE	NRV VALVE UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
924	20.06.2025	BULLET INLET LINE	NRV VALVE DOWNSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
925	20.06.2025	BULLET INLET LINE	OFF SPEE LPG HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
926	20.06.2025	BULLET INLET LINE	OFF SPEE LPG HOV DOWNSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
927	20.06.2025	BULLET INLET LINE	NRV VALVE UPSTEAM	Flange	0.3	1	100	0.000002	8760	0.017323
928	20.06.2025	BULLET INLET LINE	NRV VALVE DOWNSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
929	20.06.2025	PIPE LINE FROM BULLET OUTLET HEADER	PM 27A/B/C SUCTION HEADER HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
930	20.06.2025	PIPE LINE FROM BULLET OUTLET HEADER	PM 27A/B/C SUCTION HEADER HOV-1-DOWN steam	Flange	0.0	1	100	0.000000	8760	0.000000
931	20.06.2025	PIPE LINE FROM BULLET OUTLET HEADER	PM 27A/B/C SUCTION HEADER HOV-2-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
932	20.06.2025	PIPE LINE FROM BULLET OUTLET HEADER	PM 27A/B/C SUCTION HEADER HOV-2-DOWN steam	Flange	0.3	1	100	0.000002	8760	0.017323
933	20.06.2025	PIPE LINE FROM BULLET OUTLET HEADER	IBT HEEL STRIPING HEADER HOV 1 UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
934	20.06.2025	PIPE LINE FROM BULLET OUTLET HEADER	IBT HEEL STRIPING HEADER HOV-1-down steam	Flange	0.5	1	100	0.000003	8760	0.024807
935	20.06.2025	PIPE LINE FROM BULLET OUTLET HEADER	IBT HEEL STRIPING HEADER HOV 2 UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
936	20.06.2025	PIPE LINE FROM BULLET OUTLET HEADER	IBT HEEL STRIPING HEADER HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
937	20.06.2025	Bullet water Draining line	HOV-1-up steam	Flange	0.2	1	100	0.000001	8760	0.013027
938	20.06.2025	Bullet water Draining line	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
939	20.06.2025	Bullet water Draining line	HOV-2-up steam	Flange	1.4	1	100	0.000006	8760	0.051160
940	20.06.2025	Bullet water Draining line	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
941	20.06.2025	bullet 202 - v - 0003 BULLET TOP AREA (WEST SIDE)	MAN HOLE - 1	Flange	0.0	1	100	0.000000	8760	0.000000
942	20.06.2025	bullet 202 - v - 0003 BULLET TOP AREA (WEST SIDE)	BULLET INLET FLANGE	Flange	0.5	1	100	0.000003	8760	0.024807
943	20.06.2025	bullet 202 - v - 0003 BULLET TOP AREA (WEST SIDE)	BULLET VAPOUR BALANCING	Flange	0.0	1	100	0.000000	8760	0.000000
944	20.06.2025	bullet 202 - v - 0003 BULLET TOP AREA (WEST SIDE)	LT FLARE FLANG	Flange	0.0	1	100	0.000000	8760	0.000000
945	20.06.2025	bullet 202 - v - 0003 BULLET TOP AREA (WEST SIDE)	PRESSURE TRANSMITTER	Flange	0.0	1	100	0.000000	8760	0.000000
946	20.06.2025	bullet 202 - v - 0003 BULLET TOP AREA (WEST SIDE)	LEVEL TRANSMITTER	Flange	0.0	1	100	0.000000	8760	0.000000
947	20.06.2025	BULLET TOP AREA(EAST SIDE)	MAN HOLE - 2	Flange	0.3	1	100	0.000002	8760	0.017323
948	20.06.2025	BULLET TOP AREA(EAST SIDE)	OTHER	Flange	0.0	1	100	0.000000	8760	0.000000
949	20.06.2025	BULLET 205 - V- 004	BULLET INLET XZV 0003 UPSTEAM	Flange	0.9	1	100	0.000004	8760	0.037501
950	20.06.2025	BULLET 205 - V- 004	BULLET INLET XZV 0003 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
951	20.06.2025	BULLET 205 - V- 004 VAPOUR BALANCING LINE	HOV-1 UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
952	20.06.2025	BULLET 205 - V- 004 VAPOUR BALANCING LINE	HOV-1-down steam	Flange	4.5	1	100	0.000013	8760	0.116255
953	20.06.2025	BULLET 205 - V- 004 VAPOUR BALANCING LINE	XZV VALVE 0024 UPSTEAM	Flange	2.9	1	100	0.000010	8760	0.085363

954	20.06.2025	BULLET 205 - V- 004 VAPOUR BALANCING LINE	XZV VALVE 0024 DOWNSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
955	20.06.2025	BULLET OUTLET LINE	XZV 0004 VALVE - 1- UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
956	20.06.2025	BULLET OUTLET LINE	XZV 0004 VALVE - 1- DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
957	20.06.2025	BULLET OUTLET LINE	HOV-2- UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
958	20.06.2025	BULLET OUTLET LINE	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
959	20.06.2025	BULLET OUTLET LINE	BLENDING HEADER TOP OFF HOV UP STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
960	20.06.2025	BULLET OUTLET LINE	BLENDING HEADER TOP OFF HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
961	20.06.2025	BULLET OUTLET LINE	NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
962	20.06.2025	BULLET OUTLET LINE	NRV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
963	20.06.2025	BULLET OUTLET LINE	PUMP 29 A/B/C SUCTION HEADER HOV -1 UP STEAM	Flange	3.1	1	100	0.000010	8760	0.089461
964	20.06.2025	BULLET OUTLET LINE	PUMP 29 A/B/C SUCTION HEADER HOV -1 DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
965	20.06.2025	BULLET OUTLET LINE	NRV VALVE UP steam	Flange	0.2	1	100	0.000001	8760	0.013027
966	20.06.2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.0	1	100	0.000000	8760	0.000000
967	20.06.2025	BULLET OUTLET LINE	PM 01 A/B/C UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
968	20.06.2025	BULLET OUTLET LINE	PM 01 A/B/C DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
969	20.06.2025	BULLET OUTLET LINE	28 A/B/C MINMUM HOV UP STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
970	20.06.2025	BULLET OUTLET LINE	28 A/B/C MINMUM HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
971	20.06.2025	BULLET OUTLET LINE	IBT DISCHARGE HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
972	20.06.2025	BULLET OUTLET LINE	IBT DISCHARGE HOV down steam	Flange	0.0	1	100	0.000000	8760	0.000000
973	20.06.2025	BULLET OUTLET LINE	NRV VALVE UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
974	20.06.2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	2.1	1	100	0.000008	8760	0.068034
975	20.06.2025	BULLET OUTLET LINE	BLENDING SPILLAGE OF SPEE LPG HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
976	20.06.2025	BULLET OUTLET LINE	BLENDING SPILLAGE OF SPEE LPG HOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
977	20.06.2025	BULLET OUTLET LINE	NRV VALVE UP Steam	Flange	0.4	1	100	0.000002	8760	0.021206
978	20.06.2025	BULLET OUTLET LINE	NRV VALVE DOWN Steam	Flange	0.0	1	100	0.000000	8760	0.000000
979	20.06.2025	BULLET OUTLET LINE	OFF SPEE LPG HOV UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
980	20.06.2025	BULLET OUTLET LINE	OFF SPEE LPG HOV DOWN steam	Flange	0.3	1	100	0.000002	8760	0.017323
981	20.06.2025	BULLET OUTLET LINE	NRV VALVE UP steam	Flange	0.2	1	100	0.000001	8760	0.013027
982	20.06.2025	BULLET OUTLET LINE	NRV VALVE DOWN steam	Flange	0.0	1	100	0.000000	8760	0.000000
983	20.06.2025	PIPELINE FROM BULLET OUTLET HEADER	PM 027A/B/C SUCTION HEADER HOV - 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
984	20.06.2025	PIPELINE FROM BULLET OUTLET HEADER	PM 027A/B/C SUCTION HEADER HOV - 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
985	20.06.2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
986	20.06.2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
987	20.06.2025	PIPELINE FROM BULLET OUTLET HEADER	IBT HEEL STRIPING HEADER HOV I UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
988	20.06.2025	PIPELINE FROM BULLET OUTLET HEADER	IBT HEEL STRIPING HEADER HOV I DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
989	20.06.2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
990	20.06.2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
991	20.06.2025	Bullet water Draining line	HOV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
992	20.06.2025	Bullet water Draining line	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
993	20.06.2025	Bullet water Draining line	HOV-2-up steam	Flange	0.2	1	100	0.000001	8760	0.013027
994	20.06.2025	Bullet water Draining line	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
995	20.06.2025	bullet top AREA(west SIDE)	MAN HOLE - 1	Flange	0.0	1	100	0.000000	8760	0.000000
996	20.06.2025	bullet top AREA(west SIDE)	BULLET INLET FLANGE	Flange	0.2	1	100	0.000001	8760	0.013027
997	20.06.2025	bullet top AREA(west SIDE)	BULLET VAPOUR BALANCING	Flange	0.5	1	100	0.000003	8760	0.024807
998	20.06.2025	bullet top AREA(west SIDE)	LT FLARE FLANG	Flange	0.2	1	100	0.000001	8760	0.013027
999	20.06.2025	bullet top AREA(west SIDE)	PRESSURE TRANSMITTER	Flange	0.6	1	100	0.000003	8760	0.028200
1000	20.06.2025	bullet top AREA(west SIDE)	LEVEL TRANSMITTER	Flange	0.2	1	100	0.000001	8760	0.013027
1001	20.06.2025	BULLET TOP AREA(EAST SIDE)	MAN HOLE - 2	Flange	0.0	1	100	0.000000	8760	0.000000
1002	20.06.2025	BULLET TOP AREA(EAST SIDE)	OTHER	Flange	0.0	1	100	0.000000	8760	0.000000
1003	20.06.2025	BULLET 205 - V- 005	BULLET INLET XZV 0005 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1004	20.06.2025	BULLET 205 - V- 005	BULLET INLET XZV 0005 DOWNSTEAM	Flange	1.2	1	100	0.000005	8760	0.045906
1005	20.06.2025	BULLET 205 - V- 005 VAPOUR BALANCING LINE	HOV-1 UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1006	20.06.2025	BULLET 205 - V- 005 VAPOUR BALANCING LINE	HOV-1-down steam	Flange	0.3	1	100	0.000002	8760	0.017323
1007	20.06.2025	BULLET 205 - V- 005 VAPOUR BALANCING LINE	XZV VALVE 0025 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1008	20.06.2025	BULLET 205 - V- 005 VAPOUR BALANCING LINE	XZV VALVE 0025 DOWNSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
1009	20.06.2025	BULLET OUTLET LINE	XZV 0006 VALVE - 1- UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1010	20.06.2025	BULLET OUTLET LINE	XZV 0006 VALVE - 1- DOWN STEAM	Flange	0.3	1	100	0.000002	8760	0.017323
1011	20.06.2025	BULLET OUTLET LINE	HOV-1- UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1012	20.06.2025	BULLET OUTLET LINE	HOV-1-down steam	Flange	0.1	1	100	0.000001	8760	0.008002
1013	20.06.2025	BULLET OUTLET LINE	HOV-2- UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1014	20.06.2025	BULLET OUTLET LINE	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1015	20.06.2025	BULLET OUTLET LINE	BLENDING HEADER TOP OFF HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1016	20.06.2025	BULLET OUTLET LINE	BLENDING HEADER TOP OFF HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1017	20.06.2025	BULLET OUTLET LINE	NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1018	20.06.2025	BULLET OUTLET LINE	NRV DOWN STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
1019	20.06.2025	BULLET OUTLET LINE	PUMP 28 A/B/C propylene ibt hov -1 UP STEAM	Flange	0.4	1	100	0.000002	8760	0.021206
1020	20.06.2025	BULLET OUTLET LINE	PUMP 28 A/B/C propylene ibt hov -1 down STEAM	Flange	0.4	1	100	0.000002	8760	0.021206
1021	20.06.2025	BULLET OUTLET LINE	NRV VALVE UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1022	20.06.2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1023	20.06.2025	BULLET OUTLET LINE	029 minimum flow HOV UPSTEAM	Flange	0.9	1	100	0.000004	8760	0.037501
1024	20.06.2025	BULLET OUTLET LINE	029 MInimum flow HOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1025	20.06.2025	BULLET OUTLET LINE	028 A/B/C minimum flow HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1026	20.06.2025	BULLET OUTLET LINE	028 A/B/C minimum flow HOV down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1027	20.06.2025	BULLET OUTLET LINE	IBT DISCHAGE HOV UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
1028	20.06.2025	BULLET OUTLET LINE	IBT DISCHARGE HOV down steam	Flange	0.8	1	100	0.000004	8760	0.034521
1029	20.06.2025	BULLET OUTLET LINE	NRV VALVE UP steam	Flange	0.5	1	100	0.000003	8760	0.024807
1030	20.06.2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.4	1	100	0.000002	8760	0.021206
1031	20.06.2025	BULLET OUTLET LINE	BLENDING SPILAGE OF SPEE LPG UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
1032	20.06.2025	BULLET OUTLET LINE	BLENDING SPILAGE OF SPEE LPG DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1033	20.06.2025	BULLET OUTLET LINE	NRV VALVE UPSTEAM	Flange	0.3	1	100	0.000002	8760	0.017323
1034	20.06.2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1035	20.06.2025	BULLET OUTLET LINE	OFF SPEE LPG HOV UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1036	20.06.2025	BULLET OUTLET LINE	OFF SPEE LPG HOV DOWNsteam	Flange	0.0	1	100	0.000000	8760	0.000000
1037	20.06.2025	BULLET OUTLET LINE	NRV VALVE UPSTEAM	Flange	0.7	1	100	0.000004	8760	0.031427
1038	20.06.2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.1	1	100	0.000001	8760	0.008002
1039	20.06.2025	PIPELINE FROM BULLET OUTLET HEADER	PM 027 A/B/C SUCTION HEADER HOV -1 UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1040	20.06.2025	PIPELINE FROM BULLET OUTLET HEADER	PM 027 A/B/C SUCTION HEADER HOV -1 DOWN STEAM	Flange	0.3	1	100	0.000002	8760	0.017323

1041	20.06.2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2- UP steam	Flange	3.4	1	100	0.000011	8760	0.095463
1042	20.06.2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-down steam	Flange	0.2	1	100	0.000001	8760	0.013027
1043	20.06.2025	PIPELINE FROM BULLET OUTLET HEADER	IBT HEEL STRIPPING HEADER HOV -1 UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1044	20.06.2025	PIPELINE FROM BULLET OUTLET HEADER	IBT HEEL STRIPPING HEADER HOV -1 DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1045	20.06.2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1046	20.06.2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-down steam	Flange	0.4	1	100	0.000002	8760	0.021206
1047	20.06.2025	Bullet water Draining line	HOV-1-UP steam	Flange	0.5	1	100	0.000003	8760	0.024807
1048	20.06.2025	Bullet water Draining line	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1049	20.06.2025	Bullet water Draining line	HOV-2-UP steam	Flange	0.4	1	100	0.000002	8760	0.021206
1050	20.06.2025	Bullet water Draining line	HOV-2-down steam	Flange	0.9	1	100	0.000004	8760	0.037501
1051	20.06.2025	BULLET TOP AREA (WEST SIDE)	MAN HOLE - 1	Flange	0.0	1	100	0.000000	8760	0.000000
1052	20.06.2025	BULLET TOP AREA (WEST SIDE)	BULLET INLET FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1053	20.06.2025	BULLET TOP AREA (WEST SIDE)	BULLET VAPOUR BALANCING	Flange	0.0	1	100	0.000000	8760	0.000000
1054	20.06.2025	BULLET TOP AREA (WEST SIDE)	LT FLARE FLANG	Flange	0.0	1	100	0.000000	8760	0.000000
1055	20.06.2025	BULLET TOP AREA (WEST SIDE)	PRESSURE TRANSMITTER	Flange	0.2	1	100	0.000001	8760	0.013027
1056	20.06.2025	BULLET TOP AREA (WEST SIDE)	LEVEL TRANSMITTER	Flange	0.0	1	100	0.000000	8760	0.000000
1057	20.06.2025	BULLET TOP AREA (EAST SIDE)	MAN HOLE - 2	Flange	0.0	1	100	0.000000	8760	0.000000
1058	20.06.2025	BULLET TOP AREA (EAST SIDE)	OTHER	Flange	1.5	1	100	0.000006	8760	0.053703
1059	20.06.2025	BULLET 205 - V- 007	BULLET INLET XZV 0188 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1060	20.06.2025	BULLET 205 - V- 007	BULLET INLET XZV 0188 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1061	20.06.2025	VAPOUR BALANCING LINE	XZV VALVE 0189 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1062	20.06.2025	VAPOUR BALANCING LINE	XZV VALVE 0189 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1063	20.06.2025	VAPOUR BALANCING LINE	HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1064	20.06.2025	VAPOUR BALANCING LINE	HOV-1-down steam	Flange	0.2	1	100	0.000001	8760	0.013027
1065	20.06.2025	BULLET OUTLET LINE	XZV 0190 VALVE - 1- UP STEAM	Flange	1.2	1	100	0.000005	8760	0.045906
1066	20.06.2025	BULLET OUTLET LINE	XZV 0006 VALVE - 1- DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1067	20.06.2025	BULLET OUTLET LINE	HOV-1- UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1068	20.06.2025	BULLET OUTLET LINE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1069	20.06.2025	BULLET OUTLET LINE	HOV-2- UP steam	Flange	0.4	1	100	0.000002	8760	0.021206
1070	20.06.2025	BULLET OUTLET LINE	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1071	20.06.2025	BULLET OUTLET LINE	BLENDING HEADER TOP OFF HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1072	20.06.2025	BULLET OUTLET LINE	BLENDING HEADER TOP OFF HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1073	20.06.2025	BULLET OUTLET LINE	NRV UP STEAM	Flange	0.3	1	100	0.000002	8760	0.017323
1074	20.06.2025	BULLET OUTLET LINE	NRV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1075	20.06.2025	BULLET OUTLET LINE	PM 28 A/B/C propylene ibt hov -1 UP STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
1076	20.06.2025	BULLET OUTLET LINE	PM 28 A/B/C propylene ibt hov -1 down STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1077	20.06.2025	BULLET OUTLET LINE	NRV VALVE UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1078	20.06.2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.9	1	100	0.000004	8760	0.037501
1079	20.06.2025	BULLET OUTLET LINE	PM 01 A/B/C/ minimum flow HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1080	20.06.2025	BULLET OUTLET LINE	PM 01 A/B/C/ Minimum flow HOV DOWNSTEAM	Flange	1.4	1	100	0.000006	8760	0.051160
1081	20.06.2025	BULLET OUTLET LINE	028 A/B/C minimum flow HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1082	20.06.2025	BULLET OUTLET LINE	028 A/B/C minimum flow HOV down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1083	20.06.2025	BULLET OUTLET LINE	IBT DISCHAGE HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1084	20.06.2025	BULLET OUTLET LINE	IBT DISCHARGE HOV down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1085	20.06.2025	BULLET OUTLET LINE	NRV VALVE UP steam	Flange	0.4	1	100	0.000002	8760	0.021206
1086	20.06.2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1087	20.06.2025	BULLET OUTLET LINE	BLENDING SPILAGE OF SPEE LPG UPSTEAM	Flange	0.3	1	100	0.000002	8760	0.017323
1088	20.06.2025	BULLET OUTLET LINE	BLENDING SPILAGE OF SPEE LPG DOWNSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
1089	20.06.2025	BULLET OUTLET LINE	NRV VALVE UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1090	20.06.2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	1.0	1	100	0.000005	8760	0.040384
1091	20.06.2025	BULLET OUTLET LINE	OFF SPEE LPG HOV UP steam	Flange	0.9	1	100	0.000004	8760	0.037501
1092	20.06.2025	BULLET OUTLET LINE	OFF SPEE LPG HOV DOWNsteam	Flange	0.0	1	100	0.000000	8760	0.000000
1093	20.06.2025	BULLET OUTLET LINE	NRV VALVE UPSTEAM	Flange	0.6	1	100	0.000003	8760	0.028200
1094	20.06.2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1095	20.06.2025	PIPELINE FROM BULLET OUTLET HEADER	PM 027 A/B/C SUCTION HEADER HOV -1 UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1096	20.06.2025	PIPELINE FROM BULLET OUTLET HEADER	PM 027 A/B/C SUCTION HEADER HOV -1 DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1097	20.06.2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2- UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1098	20.06.2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-down steam	Flange	3.1	1	100	0.000010	8760	0.089461
1099	20.06.2025	PIPELINE FROM BULLET OUTLET HEADER	IBT HEEL STRIPPING HEADER HOV -1 UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1100	20.06.2025	PIPELINE FROM BULLET OUTLET HEADER	IBT HEEL STRIPPING HEADER HOV -1 DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1101	20.06.2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1102	20.06.2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-down steam	Flange	4.1	1	100	0.000012	8760	0.108891
1103	20.06.2025	Bullet water Draining line	HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1104	20.06.2025	Bullet water Draining line	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1105	20.06.2025	Bullet water Draining line	HOV-2-UP steam	Flange	3.2	1	100	0.000010	8760	0.091480
1106	20.06.2025	Bullet water Draining line	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1107	20.06.2025	BULLET TOP AREA (WEST SIDE)	MAN HOLE - 1	Flange	0.0	1	100	0.000000	8760	0.000000
1108	20.06.2025	BULLET TOP AREA (WEST SIDE)	BULLET INLET FLANGE	Flange	0.2	1	100	0.000001	8760	0.013027
1109	20.06.2025	BULLET TOP AREA (WEST SIDE)	BULLET VAPOUR BALANCING	Flange	0.0	1	100	0.000000	8760	0.000000
1110	20.06.2025	BULLET TOP AREA (WEST SIDE)	LT FLARE FLANG	Flange	1.2	1	100	0.000005	8760	0.045906
1111	20.06.2025	BULLET TOP AREA (WEST SIDE)	PRESSURE TRANSMITTER	Flange	0.0	1	100	0.000000	8760	0.000000
1112	20.06.2025	BULLET TOP AREA (WEST SIDE)	LEVEL TRANSMITTER	Flange	0.0	1	100	0.000000	8760	0.000000
1113	20.06.2025	BULLET TOP AREA (EAST SIDE)	MAN HOLE - 2	Flange	0.0	1	100	0.000000	8760	0.000000
1114	20.06.2025	BULLET TOP AREA (EAST SIDE)	OTHER	Flange	0.0	1	100	0.000000	8760	0.000000
1115	20.06.2025	BULLET 205 - V- 008	BULLET INLET XZV 0603 UPSTEAM	Flange	1.2	1	100	0.000005	8760	0.045906
1116	20.06.2025	BULLET 205 - V- 008	BULLET INLET XZV 0603 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1117	20.06.2025	VAPOUR BALANCING LINE	XZV VALVE 0191 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1118	20.06.2025	VAPOUR BALANCING LINE	XZV VALVE 0191 DOWNSTEAM	Flange	0.5	1	100	0.000003	8760	0.024807
1119	20.06.2025	VAPOUR BALANCING LINE	HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1120	20.06.2025	VAPOUR BALANCING LINE	HOV-1-down steam	Flange	0.3	1	100	0.000002	8760	0.017323
1121	20.06.2025	BULLET OUTLET LINE	XZV 0192 VALVE - 1- UP STEAM	Flange	0.4	1	100	0.000002	8760	0.021206
1122	20.06.2025	BULLET OUTLET LINE	XZV 0192 VALVE - 1- DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1123	20.06.2025	BULLET OUTLET LINE	HOV-1- UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1124	20.06.2025	BULLET OUTLET LINE	HOV-1-down steam	Flange	0.1	1	100	0.000001	8760	0.008002
1125	20.06.2025	BULLET OUTLET LINE	HOV-2- UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1126	20.06.2025	BULLET OUTLET LINE	HOV-2-down steam	Flange	0.1	1	100	0.000001	8760	0.008002

1127	20.06.2025	BULLET OUTLET LINE	BLENDING HEADER TOP OFF HOV UP STEAM	Flange	0.4	1	100	0.000002	8760	0.021206
1128	20.06.2025	BULLET OUTLET LINE	BLENDING HEADER TOP OFF HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1129	20.06.2025	BULLET OUTLET LINE	NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1130	20.06.2025	BULLET OUTLET LINE	NRV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1131	20.06.2025	BULLET OUTLET LINE	PM 28 A/B/C propylene ibt hov -1 UP STEAM	Flange	2.4	1	100	0.000009	8760	0.074730
1132	20.06.2025	BULLET OUTLET LINE	PM 28 A/B/C propylene ibt hov -1 down STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1133	20.06.2025	BULLET OUTLET LINE	NRV VALVE UP steam	Flange	0.4	1	100	0.000002	8760	0.021206
1134	20.06.2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1135	20.06.2025	BULLET OUTLET LINE	029 minimum flow HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1136	20.06.2025	BULLET OUTLET LINE	029 MInimum flow HOV DOWNSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
1137	20.06.2025	BULLET OUTLET LINE	028 A/B/C minimum flow HOV UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
1138	20.06.2025	BULLET OUTLET LINE	028 A/B/C minimum flow HOV down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1139	20.06.2025	BULLET OUTLET LINE	IBT DISCHAGE HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1140	20.06.2025	BULLET OUTLET LINE	IBT DISCHARGE HOV down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1141	20.06.2025	BULLET OUTLET LINE	NRV VALVE UP steam	Flange	1.7	1	100	0.000007	8760	0.058642
1142	20.06.2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.3	1	100	0.000002	8760	0.017323
1143	20.06.2025	BULLET OUTLET LINE	BLENDING SPILAGE OF SPEE LPG UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1144	20.06.2025	BULLET OUTLET LINE	BLENDING SPILAGE OF SPEE LPG DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1145	20.06.2025	BULLET OUTLET LINE	NRV VALVE UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1146	20.06.2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1147	20.06.2025	BULLET OUTLET LINE	OFF SPEE LPG HOV UP steam	Flange	0.2	1	100	0.000001	8760	0.013027
1148	20.06.2025	BULLET OUTLET LINE	OFF SPEE LPG HOV DOWNsteam	Flange	2.1	1	100	0.000008	8760	0.068034
1149	20.06.2025	BULLET OUTLET LINE	NRV VALVE UPSTEAM	Flange	0.4	1	100	0.000002	8760	0.021206
1150	20.06.2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1151	20.06.2025	PIPELINE FROM BULLET OUTLET HEADER	PM 027 A/B/C SUCTION HEADER HOV -1 UP STEAM	Flange	0.3	1	100	0.000002	8760	0.017323
1152	20.06.2025	PIPELINE FROM BULLET OUTLET HEADER	PM 027 A/B/C SUCTION HEADER HOV -1 DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1153	20.06.2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2- UP steam	Flange	0.3	1	100	0.000002	8760	0.017323
1154	20.06.2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1155	20.06.2025	PIPELINE FROM BULLET OUTLET HEADER	IBT HEEL STRIPPING HEADER HOV -1 UP STEAM	Flange	0.7	1	100	0.000004	8760	0.031427
1156	20.06.2025	PIPELINE FROM BULLET OUTLET HEADER	IBT HEEL STRIPPING HEADER HOV -1 DOWN STEAM	Flange	0.8	1	100	0.000004	8760	0.034521
1157	20.06.2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-UP steam	Flange	0.1	1	100	0.000001	8760	0.008002
1158	20.06.2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1159	20.06.2025	Bullet water Draining line	HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1160	20.06.2025	Bullet water Draining line	HOV-1-down steam	Flange	0.2	1	100	0.000001	8760	0.013027
1161	20.06.2025	Bullet water Draining line	HOV-2-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1162	20.06.2025	Bullet water Draining line	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1163	20.06.2025	BULLET TOP AREA (WEST SIDE)	MAN HOLE - 1	Flange	0.0	1	100	0.000000	8760	0.000000
1164	20.06.2025	BULLET TOP AREA (WEST SIDE)	BULLET INLET FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1165	20.06.2025	BULLET TOP AREA (WEST SIDE)	BULLET VAPOUR BALANCING	Flange	0.0	1	100	0.000000	8760	0.000000
1166	20.06.2025	BULLET TOP AREA (WEST SIDE)	LT FLARE FLANG	Flange	0.5	1	100	0.000003	8760	0.024807
1167	20.06.2025	BULLET TOP AREA (WEST SIDE)	PRESSURE TRANSMITTER	Flange	0.0	1	100	0.000000	8760	0.000000
1168	20.06.2025	BULLET TOP AREA (WEST SIDE)	LEVEL TRANSMITTER	Flange	0.0	1	100	0.000000	8760	0.000000
1169	20.06.2025	BULLET TOP AREA (EAST SIDE)	MAN HOLE - 2	Flange	0.7	1	100	0.000004	8760	0.031427
1170	20.06.2025	BULLET TOP AREA (EAST SIDE)	OTHER	Flange	0.0	1	100	0.000000	8760	0.000000
1171	20.06.2025	BULLET 205 - V- 009	BULLET INLET XZV 0193 UPSTEAM	Flange	0.9	1	100	0.000004	8760	0.037501
1172	20.06.2025	BULLET 205 - V- 009	BULLET INLET XZV 0193 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1173	20.06.2025	VAPOUR BALANCING LINE	XZV VALVE 0194 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1174	20.06.2025	VAPOUR BALANCING LINE	XZV VALVE 0194 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1175	20.06.2025	VAPOUR BALANCING LINE	HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1176	20.06.2025	VAPOUR BALANCING LINE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1177	20.06.2025	BULLET OUTLET LINE	XZV 0195 VALVE - 1- UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1178	20.06.2025	BULLET OUTLET LINE	XZV 0195 VALVE - 1- DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1179	20.06.2025	BULLET OUTLET LINE	HOV-1- UP steam	Flange	0.3	1	100	0.000002	8760	0.017323
1180	20.06.2025	BULLET OUTLET LINE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1181	20.06.2025	BULLET OUTLET LINE	HOV-2- UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1182	20.06.2025	BULLET OUTLET LINE	HOV-2-down steam	Flange	0.1	1	100	0.000001	8760	0.008002
1183	20.06.2025	BULLET OUTLET LINE	BLENDING HEADER TOP OFF HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1184	20.06.2025	BULLET OUTLET LINE	BLENDING HEADER TOP OFF HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1185	20.06.2025	BULLET OUTLET LINE	NRV UP STEAM	Flange	1.4	1	100	0.000006	8760	0.051160
1186	20.06.2025	BULLET OUTLET LINE	NRV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1187	20.06.2025	BULLET OUTLET LINE	PM 28 A/B/C propylene ibt hov -1 UP STEAM	Flange	0.5	1	100	0.000003	8760	0.024807
1188	20.06.2025	BULLET OUTLET LINE	PM 28 A/B/C propylene ibt hov -1 down STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1189	20.06.2025	BULLET OUTLET LINE	NRV VALVE UP steam	Flange	0.4	1	100	0.000002	8760	0.021206
1190	20.06.2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.2	1	100	0.000001	8760	0.013027
1191	20.06.2025	BULLET OUTLET LINE	029 minimum flow HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1192	20.06.2025	BULLET OUTLET LINE	029 MInimum flow HOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1193	20.06.2025	BULLET OUTLET LINE	028 A/B/C minimum flow HOV UPSTEAM	Flange	3.1	1	100	0.000010	8760	0.089461
1194	20.06.2025	BULLET OUTLET LINE	028 A/B/C minimum flow HOV down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1195	20.06.2025	BULLET OUTLET LINE	IBT DISCHAGE HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1196	20.06.2025	BULLET OUTLET LINE	IBT DISCHARGE HOV down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1197	20.06.2025	BULLET OUTLET LINE	NRV VALVE UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1198	20.06.2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1199	20.06.2025	BULLET OUTLET LINE	BLENDING SPILAGE OF SPEE LPG UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1200	20.06.2025	BULLET OUTLET LINE	BLENDING SPILAGE OF SPEE LPG DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1201	20.06.2025	BULLET OUTLET LINE	NRV VALVE UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1202	20.06.2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1203	20.06.2025	BULLET OUTLET LINE	OFF SPEE LPG HOV UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1204	20.06.2025	BULLET OUTLET LINE	OFF SPEE LPG HOV DOWNsteam	Flange	0.0	1	100	0.000000	8760	0.000000
1205	20.06.2025	BULLET OUTLET LINE	NRV VALVE UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1206	20.06.2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.1	1	100	0.000001	8760	0.008002
1207	20.06.2025	PIPELINE FROM BULLET OUTLET HEADER	PM 027 A/B/C SUCTION HEADER HOV -1 UP STEAM	Flange	0.3	1	100	0.000002	8760	0.017323
1208	20.06.2025	PIPELINE FROM BULLET OUTLET HEADER	PM 027 A/B/C SUCTION HEADER HOV -1 DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1209	20.06.2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2- UP steam	Flange	0.4	1	100	0.000002	8760	0.021206
1210	20.06.2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1211	20.06.2025	PIPELINE FROM BULLET OUTLET HEADER	IBT HEEL STRIPPING HEADER HOV -1 UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1212	20.06.2025	PIPELINE FROM BULLET OUTLET HEADER	IBT HEEL STRIPPING HEADER HOV -1 DOWN STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
1213	20.06.2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000

1214	20.06.2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1215	20.06.2025	Bullet water Draining line	HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1216	20.06.2025	Bullet water Draining line	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1217	20.06.2025	Bullet water Draining line	HOV-2-UP steam	Flange	1.4	1	100	0.000006	8760	0.051160
1218	20.06.2025	Bullet water Draining line	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1219	20.06.2025	BULLET TOP AREA (WEST SIDE)	MAN HOLE - 1	Flange	0.0	1	100	0.000000	8760	0.000000
1220	20.06.2025	BULLET TOP AREA (WEST SIDE)	BULLET INLET FLANGE	Flange	0.7	1	100	0.000004	8760	0.031427
1221	20.06.2025	BULLET TOP AREA (WEST SIDE)	BULLET VAPOUR BALANCING	Flange	0.8	1	100	0.000004	8760	0.034521
1222	20.06.2025	BULLET TOP AREA (WEST SIDE)	LT FLARE FLANG	Flange	0.4	1	100	0.000002	8760	0.021206
1223	20.06.2025	BULLET TOP AREA (WEST SIDE)	PRESSURE TRANSMITTER	Flange	0.2	1	100	0.000001	8760	0.013027
1224	20.06.2025	BULLET TOP AREA (WEST SIDE)	LEVEL TRANSMITTER	Flange	0.0	1	100	0.000000	8760	0.000000
1225	20.06.2025	BULLET TOP AREA (EAST SIDE)	MAN HOLE - 2	Flange	0.0	1	100	0.000000	8760	0.000000
1226	20.06.2025	BULLET TOP AREA (EAST SIDE)	OTHER	Flange	0.0	1	100	0.000000	8760	0.000000
1227	19.06.2025	LPG AREA MOUND II BULLET 205-V-012	BULLET INLET XZV 1188 UPSTEAM	Flange	4.9	1	100	0.000014	8760	0.123428
1228	19.06.2025	LPG AREA MOUND II BULLET 205-V-012	BULLET INLET XZV 1188 DOWNSTEAM	Flange	5.6	1	100	0.000015	8760	0.135575
1229	19.06.2025	VAPOUR BALANCE LINE	HOV-1-UP steam	Flange	3.2	1	100	0.000010	8760	0.091480
1230	19.06.2025	VAPOUR BALANCE LINE	HOV-1-down steam	Flange	0.2	1	100	0.000001	8760	0.013027
1231	19.06.2025	VAPOUR BALANCE LINE	XZV 1189 VALVE UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1232	19.06.2025	VAPOUR BALANCE LINE	XZV 1189 VALVE DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1233	19.06.2025	BULLET OUTLET LINE	XZV VALVE UP STEAM 1190	Flange	0.1	1	100	0.000001	8760	0.008002
1234	19.06.2025	BULLET OUTLET LINE	XZV VALVE DOWN STEAM 1190	Flange	0.0	1	100	0.000000	8760	0.000000
1235	19.06.2025	BULLET OUTLET LINE	HOV-1 OFF V12-UP steam	Flange	0.5	1	100	0.000003	8760	0.024807
1236	19.06.2025	BULLET OUTLET LINE	HOV-1-down steam	Flange	0.3	1	100	0.000002	8760	0.017323
1237	19.06.2025	BULLET OUTLET LINE	HOV-2-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1238	19.06.2025	BULLET OUTLET LINE	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1239	19.06.2025	BULLET OUTLET LINE	BLENDING HEADER TOP OFF HOV	Flange	0.0	1	100	0.000000	8760	0.000000
1240	19.06.2025	BULLET OUTLET LINE	BLENDING HEADER TOP OFF HOV	Flange	0.0	1	100	0.000000	8760	0.000000
1241	19.06.2025	BULLET OUTLET LINE	NRV VALVE UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1242	19.06.2025	BULLET OUTLET LINE	NRV VALVE DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1243	19.06.2025	BULLET OUTLET LINE	PUMP 28A/B/C PROPYLENE I BT HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1244	19.06.2025	BULLET OUTLET LINE	PUMP 28A/B/C PROPYLENE I BT HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1245	19.06.2025	BULLET OUTLET LINE	NRV VALVE UPSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
1246	19.06.2025	BULLET OUTLET LINE	NRV VALVE DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1247	19.06.2025	BULLET OUTLET LINE	PM 01A/B/C MINIMUM FLOW UPSTEAM	Flange	0.5	1	100	0.000003	8760	0.024807
1248	19.06.2025	BULLET OUTLET LINE	PM 01A/B/C MINIMUM FLOW DOWNSTEAM	Flange	0.5	1	100	0.000003	8760	0.024807
1249	19.06.2025	BULLET OUTLET LINE	27 A/B/C MINIMUM FLOW HOV UPSTEAM	Flange	1.4	1	100	0.000006	8760	0.051160
1250	19.06.2025	BULLET OUTLET LINE	27 A/B/C MINIMUM FLOW HOV DOWNSTEAM	Flange	2.9	1	100	0.000010	8760	0.085363
1251	19.06.2025	BULLET OUTLET LINE	IBT DISCHARGE HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1252	19.06.2025	BULLET OUTLET LINE	IBT DISCHARGE HOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1253	19.06.2025	BULLET OUTLET LINE	NRV VALVE UPSTEAM	Flange	4.2	1	100	0.000013	8760	0.110751
1254	19.06.2025	BULLET OUTLET LINE	NRV VALVE DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1255	19.06.2025	BULLET OUTLET LINE	BLENDING SPILLAGE OF SPEE LPG HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1256	19.06.2025	BULLET OUTLET LINE	BLENDING SPILLAGE OF SPEE LPG HOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1257	19.06.2025	BULLET OUTLET LINE	NRV VALVE UPSTEAM	Flange	5.2	1	100	0.000015	8760	0.128693
1258	19.06.2025	BULLET OUTLET LINE	NRV VALVE DOWNSTEAM	Flange	0.6	1	100	0.000003	8760	0.028200
1259	19.06.2025	BULLET OUTLET LINE	OFF SPEE LPG HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1260	19.06.2025	BULLET OUTLET LINE	OFF SPEE LPG HOV DOWNSTEAM	Flange	6.2	1	100	0.000017	8760	0.145632
1261	19.06.2025	BULLET OUTLET LINE	NRV VALVE UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1262	19.06.2025	BULLET OUTLET LINE	NRV VALVE DOWNSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
1263	19.06.2025	PIPE LINE FROM BULLET OUTLET HEADER	PM 27A/B/C SUCTION HEADER HOV-1-UP steam	Flange	9.2	1	100	0.000022	8760	0.192198
1264	19.06.2025	PIPE LINE FROM BULLET OUTLET HEADER	PM 27A/B/C SUCTION HEADER HOV-1-DOWN steam	Flange	11.1	1	100	0.000025	8760	0.219314
1265	19.06.2025	PIPE LINE FROM BULLET OUTLET HEADER	PM 27A/B/C SUCTION HEADER HOV-2-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1266	19.06.2025	PIPE LINE FROM BULLET OUTLET HEADER	PM 27A/B/C SUCTION HEADER HOV-2-DOWN steam	Flange	0.2	1	100	0.000001	8760	0.013027
1267	19.06.2025	PIPE LINE FROM BULLET OUTLET HEADER	IBT HEEL STRIPING HEADER HOV-1-UP steam	Flange	0.5	1	100	0.000003	8760	0.024807
1268	19.06.2025	PIPE LINE FROM BULLET OUTLET HEADER	IBT HEEL STRIPING HEADER HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1269	19.06.2025	PIPE LINE FROM BULLET OUTLET HEADER	IBT HEEL STRIPING HEADER HOV-2-UP steam	Flange	0.2	1	100	0.000001	8760	0.013027
1270	19.06.2025	PIPE LINE FROM BULLET OUTLET HEADER	IBT HEEL STRIPING HEADER HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1271	19.06.2025	Bullet water Draining line	HOV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1272	19.06.2025	Bullet water Draining line	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1273	19.06.2025	Bullet water Draining line	HOV-2-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1274	19.06.2025	Bullet water Draining line	HOV-2-down steam	Flange	0.4	1	100	0.000002	8760	0.021206
1275	19.06.2025	BULLET TOP AREA (WEST SIDE)	MAN HOLE - 1	Flange	0.0	1	100	0.000000	8760	0.000000
1276	19.06.2025	BULLET TOP AREA (WEST SIDE)	BULLET INLET FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1277	19.06.2025	BULLET TOP AREA (WEST SIDE)	BULLET VAPOUR BALANCING	Flange	0.0	1	100	0.000000	8760	0.000000
1278	19.06.2025	BULLET TOP AREA (WEST SIDE)	LT FLARE FLANG	Flange	0.5	1	100	0.000003	8760	0.024807
1279	19.06.2025	BULLET TOP AREA (WEST SIDE)	PRESSURE TRANSMITTER	Flange	0.2	1	100	0.000001	8760	0.013027
1280	19.06.2025	BULLET TOP AREA (WEST SIDE)	LEVEL TRANSMITTER	Flange	0.3	1	100	0.000002	8760	0.017323
1281	19.06.2025	BULLET TOP AREA (EAST SIDE)	MAN HOLE - 2	Flange	0.2	1	100	0.000001	8760	0.013027
1282	19.06.2025	BULLET TOP AREA (EAST SIDE)	OTHER	Flange	0.0	1	100	0.000000	8760	0.000000
1283	19.06.2025	BULLET 205 - V- 013	BULLET INLET XZV 1003 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1284	19.06.2025	BULLET 205 - V- 013	BULLET INLET XZV 1003 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1285	19.06.2025	VAPOUR BALANCING LINE	XZV VALVE 1191 UPSTEAM	Flange	18.2	1	100	0.000035	8760	0.310481
1286	19.06.2025	VAPOUR BALANCING LINE	XZV VALVE 1191DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1287	19.06.2025	VAPOUR BALANCING LINE	HOV-1-UP steam	Flange	1.9	1	100	0.000007	8760	0.063412
1288	19.06.2025	VAPOUR BALANCING LINE	HOV-1-down steam	Flange	2.2	1	100	0.000008	8760	0.070296
1289	19.06.2025	BULLET OUTLET LINE	XZV 1192 VALVE - 1- UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1290	19.06.2025	BULLET OUTLET LINE	XZV 1192 VALVE - 1- DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1291	19.06.2025	BULLET OUTLET LINE	HOV-1- UP steam	Flange	2.9	1	100	0.000010	8760	0.085363
1292	19.06.2025	BULLET OUTLET LINE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1293	19.06.2025	BULLET OUTLET LINE	HOV-2- UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1294	19.06.2025	BULLET OUTLET LINE	HOV-2-down steam	Flange	1.4	1	100	0.000006	8760	0.051160
1295	19.06.2025	BULLET OUTLET LINE	BLENDING HEADER TOP OFF HOV UP STEAM	Flange	0.3	1	100	0.000002	8760	0.017323
1296	19.06.2025	BULLET OUTLET LINE	BLENDING HEADER TOP OFF HOV DOWN STEAM	Flange	0.6	1	100	0.000003	8760	0.028200
1297	19.06.2025	BULLET OUTLET LINE	NRV UP STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
1298	19.06.2025	BULLET OUTLET LINE	NRV DOWN STEAM	Flange	4.1	1	100	0.000012	8760	0.108891
1299	19.06.2025	BULLET OUTLET LINE	PM 28 A/B/C propylene ibt hov -1 UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1300	19.06.2025	BULLET OUTLET LINE	PM 28 A/B/C propylene ibt hov -1 down STEAM	Flange	1.1	1	100	0.000005	8760	0.043182

1301	19.06.2025	BULLET OUTLET LINE	NRV VALVE UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1302	19.06.2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.2	1	100	0.000001	8760	0.013027
1303	19.06.2025	BULLET OUTLET LINE	PM01 D/E/F minimum flow HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1304	19.06.2025	BULLET OUTLET LINE	PM01 D/E/F Minimum flow HOV DOWNSTEAM	Flange	0.4	1	100	0.000002	8760	0.021206
1305	19.06.2025	BULLET OUTLET LINE	027 A/B/C minimum flow HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1306	19.06.2025	BULLET OUTLET LINE	027 A/B/C minimum flow HOV down steam	Flange	0.9	1	100	0.000004	8760	0.037501
1307	19.06.2025	BULLET OUTLET LINE	IBT DISCHAGE HOV UPSTEAM	Flange	4.2	1	100	0.000013	8760	0.110751
1308	19.06.2025	BULLET OUTLET LINE	IBT DISCHARGE HOV down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1309	19.06.2025	BULLET OUTLET LINE	NRV VALVE UP steam	Flange	0.2	1	100	0.000001	8760	0.013027
1310	19.06.2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.5	1	100	0.000003	8760	0.024807
1311	19.06.2025	BULLET OUTLET LINE	BLENDING SPILAGE OF SPEE LPG UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1312	19.06.2025	BULLET OUTLET LINE	BLENDING SPILAGE OF SPEE LPG DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1313	19.06.2025	BULLET OUTLET LINE	NRV VALVE UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
1314	19.06.2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	2.9	1	100	0.000010	8760	0.085363
1315	19.06.2025	BULLET OUTLET LINE	OFF SPEE LPG HOV UP steam	Flange	0.2	1	100	0.000001	8760	0.013027
1316	19.06.2025	BULLET OUTLET LINE	OFF SPEE LPG HOV DOWNsteam	Flange	0.0	1	100	0.000000	8760	0.000000
1317	19.06.2025	BULLET OUTLET LINE	NRV VALVE UPSTEAM	Flange	1.1	1	100	0.000005	8760	0.043182
1318	19.06.2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.3	1	100	0.000002	8760	0.017323
1319	19.06.2025	PIPELINE FROM BULLET OUTLET HEADER	PM 027 A/B/C SUCTION HEADER HOV -1 UP STEAM	Flange	0.6	1	100	0.000003	8760	0.028200
1320	19.06.2025	PIPELINE FROM BULLET OUTLET HEADER	PM 027 A/B/C SUCTION HEADER HOV -1 DOWN STEAM	Flange	6.1	1	100	0.000016	8760	0.143977
1321	19.06.2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2- UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1322	19.06.2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-down steam	Flange	0.2	1	100	0.000001	8760	0.013027
1323	19.06.2025	PIPELINE FROM BULLET OUTLET HEADER	IBT HEEL STRIPPING HEADER HOV -1 UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1324	19.06.2025	PIPELINE FROM BULLET OUTLET HEADER	IBT HEEL STRIPPING HEADER HOV -1 DOWN STEAM	Flange	0.3	1	100	0.000002	8760	0.017323
1325	19.06.2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-UP steam	Flange	4.2	1	100	0.000013	8760	0.110751
1326	19.06.2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1327	19.06.2025	Bullet water Draining line	HOV-1-UP steam	Flange	0.5	1	100	0.000003	8760	0.024807
1328	19.06.2025	Bullet water Draining line	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1329	19.06.2025	Bullet water Draining line	HOV-2-UP steam	Flange	0.6	1	100	0.000003	8760	0.028200
1330	19.06.2025	Bullet water Draining line	HOV-2-down steam	Flange	0.7	1	100	0.000004	8760	0.031427
1331	19.06.2025	BULLET TOP AREA (WEST SIDE)	MAN HOLE - 1	Flange	0.8	1	100	0.000004	8760	0.034521
1332	19.06.2025	BULLET TOP AREA (WEST SIDE)	BULLET INLET FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1333	19.06.2025	BULLET TOP AREA (WEST SIDE)	BULLET VAPOUR BALANCING	Flange	0.0	1	100	0.000000	8760	0.000000
1334	19.06.2025	BULLET TOP AREA (WEST SIDE)	LT FLARE FLANG	Flange	0.3	1	100	0.000002	8760	0.017323
1335	19.06.2025	BULLET TOP AREA (WEST SIDE)	PRESSURE TRANSMITTER	Flange	0.0	1	100	0.000000	8760	0.000000
1336	19.06.2025	BULLET TOP AREA (WEST SIDE)	LEVEL TRANSMITTER	Flange	0.2	1	100	0.000001	8760	0.013027
1337	19.06.2025	BULLET TOP AREA (EAST SIDE)	MAN HOLE - 2	Flange	0.1	1	100	0.000001	8760	0.008002
1338	19.06.2025	BULLET TOP AREA (EAST SIDE)	OTHER	Flange	0.0	1	100	0.000000	8760	0.000000
1339	19.06.2025	BULLET 205 - V- 014	BULLET INLET XZV 1193 UPSTEAM	Flange	1.9	1	100	0.000007	8760	0.063412
1340	19.06.2025	BULLET 205 - V- 014	BULLET INLET XZV 1193 DOWNSTEAM	Flange	6.4	1	100	0.000017	8760	0.148919
1341	19.06.2025	VAPOUR BALANCING LINE	XZV VALVE 1194 UPSTEAM	Flange	3.4	1	100	0.000011	8760	0.095463
1342	19.06.2025	VAPOUR BALANCING LINE	XZV VALVE 1194 DOWNSTEAM	Flange	2.0	1	100	0.000008	8760	0.065740
1343	19.06.2025	VAPOUR BALANCING LINE	HOV-1-UP steam	Flange	0.9	1	100	0.000004	8760	0.037501
1344	19.06.2025	VAPOUR BALANCING LINE	HOV-1-down steam	Flange	2.8	1	100	0.000010	8760	0.083283
1345	19.06.2025	BULLET OUTLET LINE	XZV 1195 VALVE - 1- UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1346	19.06.2025	BULLET OUTLET LINE	XZV 1195 VALVE - 1- DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1347	19.06.2025	BULLET OUTLET LINE	HOV-1- UP steam	Flange	0.2	1	100	0.000001	8760	0.013027
1348	19.06.2025	BULLET OUTLET LINE	HOV-1-down steam	Flange	0.4	1	100	0.000002	8760	0.021206
1349	19.06.2025	BULLET OUTLET LINE	HOV-2- UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1350	19.06.2025	BULLET OUTLET LINE	HOV-2-down steam	Flange	0.5	1	100	0.000003	8760	0.024807
1351	19.06.2025	BULLET OUTLET LINE	BLENDING HEADER TOP OFF HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1352	19.06.2025	BULLET OUTLET LINE	BLENDING HEADER TOP OFF HOV DOWN STEAM	Flange	2.1	1	100	0.000008	8760	0.068034
1353	19.06.2025	BULLET OUTLET LINE	NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1354	19.06.2025	BULLET OUTLET LINE	NRV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1355	19.06.2025	BULLET OUTLET LINE	PM 28 A/B/C propylene ibt hov -1 UP STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
1356	19.06.2025	BULLET OUTLET LINE	PM 28 A/B/C propylene ibt hov -1 down STEAM	Flange	0.5	1	100	0.000003	8760	0.024807
1357	19.06.2025	BULLET OUTLET LINE	NRV VALVE UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1358	19.06.2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	1.4	1	100	0.000006	8760	0.051160
1359	19.06.2025	BULLET OUTLET LINE	PM01 A/B/C minimum flow HOV UPSTEAM	Flange	2.8	1	100	0.000010	8760	0.083283
1360	19.06.2025	BULLET OUTLET LINE	PM01 A/B/C Minimum flow HOV DOWNSTEAM	Flange	0.5	1	100	0.000003	8760	0.024807
1361	19.06.2025	BULLET OUTLET LINE	027 A/B/C minimum flow HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1362	19.06.2025	BULLET OUTLET LINE	027 A/B/C minimum flow HOV down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1363	19.06.2025	BULLET OUTLET LINE	IBT DISCHAGE HOV UPSTEAM	Flange	4.1	1	100	0.000012	8760	0.108891
1364	19.06.2025	BULLET OUTLET LINE	IBT DISCHARGE HOV down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1365	19.06.2025	BULLET OUTLET LINE	NRV VALVE UP steam	Flange	0.3	1	100	0.000002	8760	0.017323
1366	19.06.2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1367	19.06.2025	BULLET OUTLET LINE	BLENDING SPILAGE OF SPEE LPG UPSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
1368	19.06.2025	BULLET OUTLET LINE	BLENDING SPILAGE OF SPEE LPG DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
1369	19.06.2025	BULLET OUTLET LINE	NRV VALVE UPSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
1370	19.06.2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.5	1	100	0.000003	8760	0.024807
1371	19.06.2025	BULLET OUTLET LINE	OFF SPEE LPG HOV UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1372	19.06.2025	BULLET OUTLET LINE	OFF SPEE LPG HOV DOWNsteam	Flange	0.0	1	100	0.000000	8760	0.000000
1373	19.06.2025	BULLET OUTLET LINE	NRV VALVE UPSTEAM	Flange	2.0	1	100	0.000008	8760	0.065740
1374	19.06.2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1375	19.06.2025	PIPELINE FROM BULLET OUTLET HEADER	PM 027 A/B/C SUCTION HEADER HOV -1 UP STEAM	Flange	0.3	1	100	0.000002	8760	0.017323
1376	19.06.2025	PIPELINE FROM BULLET OUTLET HEADER	PM 027 A/B/C SUCTION HEADER HOV -1 DOWN STEAM	Flange	0.3	1	100	0.000002	8760	0.017323
1377	19.06.2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2- UP steam	Flange	0.4	1	100	0.000002	8760	0.021206
1378	19.06.2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-down steam	Flange	0.1	1	100	0.000001	8760	0.008002
1379	19.06.2025	PIPELINE FROM BULLET OUTLET HEADER	IBT HEEL STRIPPING HEADER HOV -1 UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1380	19.06.2025	PIPELINE FROM BULLET OUTLET HEADER	IBT HEEL STRIPPING HEADER HOV -1 DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1381	19.06.2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-UP steam	Flange	0.2	1	100	0.000001	8760	0.013027
1382	19.06.2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1383	19.06.2025	Bullet water Draining line	HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1384	19.06.2025	Bullet water Draining line	HOV-1-down steam	Flange	0.2	1	100	0.000001	8760	0.013027
1385	19.06.2025	Bullet water Draining line	HOV-2-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1386	19.06.2025	Bullet water Draining line	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000

1387	19.06.2025	BULLET TOP AREA (WEST SIDE)	MAN HOLE - 1	Flange	1.4	1	100	0.000006	8760	0.051160
1388	19.06.2025	BULLET TOP AREA (WEST SIDE)	BULLET INLET FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1389	19.06.2025	BULLET TOP AREA (WEST SIDE)	BULLET VAPOUR BALANCING	Flange	0.3	1	100	0.000002	8760	0.017323
1390	19.06.2025	BULLET TOP AREA (WEST SIDE)	LT FLARE FLANG	Flange	7.5	1	100	0.000019	8760	0.166484
1391	19.06.2025	BULLET TOP AREA (WEST SIDE)	PRESSURE TRANSMITTER	Flange	0.0	1	100	0.000000	8760	0.000000
1392	19.06.2025	BULLET TOP AREA (WEST SIDE)	LEVEL TRANSMITTER	Flange	2.9	1	100	0.000010	8760	0.085363
1393	19.06.2025	BULLET TOP AREA (EAST SIDE)	MAN HOLE - 2	Flange	0.0	1	100	0.000000	8760	0.000000
1394	19.06.2025	BULLET TOP AREA (EAST SIDE)	OTHER	Flange	0.9	1	100	0.000004	8760	0.037501
1395	19.06.2025	BULLET 205 - V- 006	BULLET INLET XZV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1396	19.06.2025	BULLET 205 - V- 006	BULLET INLET XZV DOWNSTEAM	Flange	3.9	1	100	0.000012	8760	0.105129
1397	19.06.2025	VAPOUR BALANCING LINE	XZV VALVE UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1398	19.06.2025	VAPOUR BALANCING LINE	XZV VALVE DOWNSTEAM	Flange	4.8	1	100	0.000014	8760	0.121652
1399	19.06.2025	VAPOUR BALANCING LINE	HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1400	19.06.2025	VAPOUR BALANCING LINE	HOV-1-down steam	Flange	0.3	1	100	0.000002	8760	0.017323
1401	19.06.2025	BULLET OUTLET LINE	XZV VALVE - 1- UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1402	19.06.2025	BULLET OUTLET LINE	XZV VALVE - 1- DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1403	19.06.2025	BULLET OUTLET LINE	HOV-1- UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1404	19.06.2025	BULLET OUTLET LINE	HOV-1-down steam	Flange	1.9	1	100	0.000007	8760	0.063412
1405	19.06.2025	BULLET OUTLET LINE	HOV-2- UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1406	19.06.2025	BULLET OUTLET LINE	HOV-2-down steam	Flange	2.1	1	100	0.000008	8760	0.068034
1407	19.06.2025	BULLET OUTLET LINE	PROPYLENE RUN DOWN LINE UP STREAM	Flange	0.0	1	100	0.000000	8760	0.000000
1408	19.06.2025	BULLET OUTLET LINE	PROPYLENE RUN DOWN LINE DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1409	19.06.2025	BULLET OUTLET LINE	NRV UP STEAM	Flange	4.2	1	100	0.000013	8760	0.110751
1410	19.06.2025	BULLET OUTLET LINE	NRV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1411	19.06.2025	BULLET OUTLET LINE	IBT DISCHAGE HOV UPSTEAM	Flange	0.3	1	100	0.000002	8760	0.017323
1412	19.06.2025	BULLET OUTLET LINE	IBT DISCHARGE HOV down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1413	19.06.2025	BULLET OUTLET LINE	PM 28 A/B/C MINIMUM FLOW HEADER UP STEAM	Flange	0.3	1	100	0.000002	8760	0.017323
1414	19.06.2025	BULLET OUTLET LINE	PM 28 A/B/C MINIMUM FLOW HEADER down STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
1415	19.06.2025	BULLET OUTLET LINE	NRV VALVE UP steam	Flange	0.5	1	100	0.000003	8760	0.024807
1416	19.06.2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.3	1	100	0.000002	8760	0.017323
1417	19.06.2025	BULLET OUTLET LINE	PM29 A/B/C minimum flow HOV UPSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
1418	19.06.2025	BULLET OUTLET LINE	PM29 A/B/C Minimum flow HOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1419	19.06.2025	BULLET OUTLET LINE	IBT SUCTION HOV UPSTEAM	Flange	6.1	1	100	0.000016	8760	0.143977
1420	19.06.2025	BULLET OUTLET LINE	IBT SUCTION HOV down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1421	19.06.2025	BULLET OUTLET LINE	IBT SUCTION HOV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1422	19.06.2025	BULLET OUTLET LINE	IBT SUCTION HOV2 down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1423	19.06.2025	BULLET OUTLET LINE	PM 029 A/B/C SUCTION HEADER HOV -1 UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1424	19.06.2025	BULLET OUTLET LINE	PM 029 A/B/C SUCTION HEADER HOV -1 DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1425	19.06.2025	BULLET OUTLET LINE	HOV-2- UP steam	Flange	0.3	1	100	0.000002	8760	0.017323
1426	19.06.2025	BULLET OUTLET LINE	HOV-2-down steam	Flange	0.2	1	100	0.000001	8760	0.013027
1427	19.06.2025	BULLET OUTLET LINE	PM 28 A/B/C propylene ibt hov -1 UP STEAM	Flange	0.4	1	100	0.000002	8760	0.021206
1428	19.06.2025	BULLET OUTLET LINE	PM 28 A/B/C propylene ibt hov -1 down STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1429	19.06.2025	BULLET OUTLET LINE	NRV VALVE UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1430	19.06.2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.5	1	100	0.000003	8760	0.024807
1431	19.06.2025	Bullet water Draining line	HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1432	19.06.2025	Bullet water Draining line	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1433	19.06.2025	Bullet water Draining line	HOV-2-UP steam	Flange	1.1	1	100	0.000005	8760	0.043182
1434	19.06.2025	Bullet water Draining line	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1435	19.06.2025	BULLET TOP AREA (WEST SIDE)	MAN HOLE - 1	Flange	0.1	1	100	0.000001	8760	0.008002
1436	19.06.2025	BULLET TOP AREA (WEST SIDE)	BULLET INLET FLANGE	Flange	0.2	1	100	0.000001	8760	0.013027
1437	19.06.2025	BULLET TOP AREA (WEST SIDE)	BULLET VAPOUR BALANCING	Flange	0.0	1	100	0.000000	8760	0.000000
1438	19.06.2025	BULLET TOP AREA (WEST SIDE)	LT FLARE FLANG	Flange	0.0	1	100	0.000000	8760	0.000000
1439	19.06.2025	BULLET TOP AREA (WEST SIDE)	PRESSURE TRANSMITTER	Flange	0.3	1	100	0.000002	8760	0.017323
1440	19.06.2025	BULLET TOP AREA (WEST SIDE)	LEVEL TRANSMITTER	Flange	0.0	1	100	0.000000	8760	0.000000
1441	19.06.2025	BULLET TOP AREA (EAST SIDE)	MAN HOLE - 2	Flange	0.4	1	100	0.000002	8760	0.021206
1442	19.06.2025	BULLET TOP AREA (EAST SIDE)	OTHER	Flange	0.0	1	100	0.000000	8760	0.000000
1443	19.06.2025	BULLET 205 - V- 010	BULLET INLET XZV UPSTEAM	Flange	2.9	1	100	0.000010	8760	0.085363
1444	19.06.2025	BULLET 205 - V- 010	BULLET INLET XZV DOWNSTEAM	Flange	259.2	1	100	0.000229	8760	2.009049
1445	19.06.2025	VAPOUR BALANCING LINE	XZV VALVE UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1446	19.06.2025	VAPOUR BALANCING LINE	XZV VALVE DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1447	19.06.2025	VAPOUR BALANCING LINE	HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1448	19.06.2025	VAPOUR BALANCING LINE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1449	19.06.2025	BULLET OUTLET LINE	XZV VALVE - 1- UP STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
1450	19.06.2025	BULLET OUTLET LINE	XZV VALVE - 1- DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1451	19.06.2025	BULLET OUTLET LINE	HOV-1- UP steam	Flange	1.1	1	100	0.000005	8760	0.043182
1452	19.06.2025	BULLET OUTLET LINE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1453	19.06.2025	BULLET OUTLET LINE	HOV-2- UP steam	Flange	4.9	1	100	0.000014	8760	0.123428
1454	19.06.2025	BULLET OUTLET LINE	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1455	19.06.2025	BULLET OUTLET LINE	PROPYLENE RUN DOWN LINE UP STREAM	Flange	0.0	1	100	0.000000	8760	0.000000
1456	19.06.2025	BULLET OUTLET LINE	PROPYLENE RUN DOWN LINE DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1457	19.06.2025	BULLET OUTLET LINE	NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1458	19.06.2025	BULLET OUTLET LINE	NRV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1459	19.06.2025	BULLET OUTLET LINE	IBT DISCHAGE HEADER HOV UPSTEAM	Flange	1.2	1	100	0.000005	8760	0.045906
1460	19.06.2025	BULLET OUTLET LINE	IBT DISCHARGE HEADER HOV down steam	Flange	10.4	1	100	0.000024	8760	0.209498
1461	19.06.2025	BULLET OUTLET LINE	PM 28 A/B/C MINIMUM FLOW HEADER UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1462	19.06.2025	BULLET OUTLET LINE	PM 28 A/B/C MINIMUM FLOW HEADER down STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1463	19.06.2025	BULLET OUTLET LINE	NRV VALVE UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1464	19.06.2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1465	19.06.2025	BULLET OUTLET LINE	PM29 A/B/C minimum flow HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1466	19.06.2025	BULLET OUTLET LINE	PM29 A/B/C Minimum flow HOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1467	19.06.2025	BULLET OUTLET LINE	PROPYLENE FROM GANTRY LOADING UPSTEAM	Flange	2.9	1	100	0.000010	8760	0.085363
1468	19.06.2025	BULLET OUTLET LINE	PROPYLENE FROM GANTRY LOADING DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1469	19.06.2025	BULLET OUTLET LINE	NRV VALVE UP steam	Flange	4.1	1	100	0.000012	8760	0.108891
1470	19.06.2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1471	19.06.2025	BULLET OUTLET LINE	HOV-1-UP steam	Flange	0.9	1	100	0.000004	8760	0.037501

1472	19.06.2025	BULLET OUTLET LINE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1473	19.06.2025	PIPELINE FROM BULLET OUTLET HEADER	PM A/B/C SUCTION HEADER HOV -1 UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1474	19.06.2025	PIPELINE FROM BULLET OUTLET HEADER	PM A/B/C SUCTION HEADER HOV -1 DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1475	19.06.2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2- UP steam	Flange	4.1	1	100	0.000012	8760	0.108891
1476	19.06.2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1477	19.06.2025	PIPELINE FROM BULLET OUTLET HEADER	IBT PM SUCTION HEADER HOV -1 UP STEAM	Flange	0.3	1	100	0.000002	8760	0.017323
1478	19.06.2025	PIPELINE FROM BULLET OUTLET HEADER	IBT PM SUCTION HEADER HOV -1 DOWN STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
1479	19.06.2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1480	19.06.2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1481	19.06.2025	Bullet water Draining line	HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1482	19.06.2025	Bullet water Draining line	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1483	19.06.2025	Bullet water Draining line	HOV-2-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1484	19.06.2025	Bullet water Draining line	HOV-2-down steam	Flange	0.2	1	100	0.000001	8760	0.013027
1485	19.06.2025	BULLET TOP AREA (WEST SIDE)	MAN HOLE - 1	Flange	0.3	1	100	0.000002	8760	0.017323
1486	19.06.2025	BULLET TOP AREA (WEST SIDE)	BULLET INLET FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1487	19.06.2025	BULLET TOP AREA (WEST SIDE)	BULLET VAPOUR BALANCING	Flange	0.0	1	100	0.000000	8760	0.000000
1488	19.06.2025	BULLET TOP AREA (WEST SIDE)	LT FLARE FLANG	Flange	2.1	1	100	0.000008	8760	0.068034
1489	19.06.2025	BULLET TOP AREA (WEST SIDE)	PRESSURE TRANSMITTER	Flange	0.0	1	100	0.000000	8760	0.000000
1490	19.06.2025	BULLET TOP AREA (WEST SIDE)	LEVEL TRANSMITTER	Flange	1.4	1	100	0.000006	8760	0.051160
1491	19.06.2025	BULLET TOP AREA (EAST SIDE)	MAN HOLE - 2	Flange	0.0	1	100	0.000000	8760	0.000000
1492	19.06.2025	BULLET TOP AREA (EAST SIDE)	OTHER	Flange	0.0	1	100	0.000000	8760	0.000000
1493	19.06.2025	BULLET 205 - V- 011	BULLET INLET XZV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1494	19.06.2025	BULLET 205 - V- 011	BULLET INLET XZV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1495	19.06.2025	VAPOUR BALANCING LINE	XZV VALVE UPSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
1496	19.06.2025	VAPOUR BALANCING LINE	XZV VALVE DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1497	19.06.2025	VAPOUR BALANCING LINE	HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1498	19.06.2025	VAPOUR BALANCING LINE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1499	19.06.2025	BULLET OUTLET LINE	XZV VALVE - 1- UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1500	19.06.2025	BULLET OUTLET LINE	XZV VALVE - 1- DOWN STEAM	Flange	0.7	1	100	0.000004	8760	0.031427
1501	19.06.2025	BULLET OUTLET LINE	HOV-1- UP steam	Flange	0.2	1	100	0.000001	8760	0.013027
1502	19.06.2025	BULLET OUTLET LINE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1503	19.06.2025	BULLET OUTLET LINE	HOV-2- UP steam	Flange	0.3	1	100	0.000002	8760	0.017323
1504	19.06.2025	BULLET OUTLET LINE	HOV-2-down steam	Flange	0.3	1	100	0.000002	8760	0.017323
1505	19.06.2025	BULLET OUTLET LINE	PROPYLENE RUN DOWN LINE UP STREAM	Flange	0.0	1	100	0.000000	8760	0.000000
1506	19.06.2025	BULLET OUTLET LINE	PROPYLENE RUN DOWN LINE DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1507	19.06.2025	BULLET OUTLET LINE	NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1508	19.06.2025	BULLET OUTLET LINE	NRV DOWN STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
1509	19.06.2025	BULLET OUTLET LINE	IBT DISCHAGE HEADER HOV UPSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
1510	19.06.2025	BULLET OUTLET LINE	IBT DISCHARGE HEADER HOV down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1511	19.06.2025	BULLET OUTLET LINE	PM 28 A/B/C MINIMUM FLOW HEADER UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1512	19.06.2025	BULLET OUTLET LINE	PM 28 A/B/C MINIMUM FLOW HEADER down STEAM	Flange	1.2	1	100	0.000005	8760	0.045906
1513	19.06.2025	BULLET OUTLET LINE	NRV VALVE UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1514	19.06.2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.3	1	100	0.000002	8760	0.017323
1515	19.06.2025	BULLET OUTLET LINE	PM29 A/B/C minimum flow HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1516	19.06.2025	BULLET OUTLET LINE	PM29 A/B/C Minimum flow HOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1517	19.06.2025	BULLET OUTLET LINE	PROPYLENE FROM GANTRY LOADING UPSTEAM	Flange	2.1	1	100	0.000008	8760	0.068034
1518	19.06.2025	BULLET OUTLET LINE	PROPYLENE FROM GANTRY LOADING DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1519	19.06.2025	BULLET OUTLET LINE	NRV VALVE UP steam	Flange	0.2	1	100	0.000001	8760	0.013027
1520	19.06.2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1521	19.06.2025	BULLET OUTLET LINE	HOV-1-UP steam	Flange	0.9	1	100	0.000004	8760	0.037501
1522	19.06.2025	BULLET OUTLET LINE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1523	19.06.2025	PIPELINE FROM BULLET OUTLET HEADER	PM A/B/C SUCTION HEADER HOV -1 UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1524	19.06.2025	PIPELINE FROM BULLET OUTLET HEADER	PM A/B/C SUCTION HEADER HOV -1 DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1525	19.06.2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2- UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1526	19.06.2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1527	19.06.2025	PIPELINE FROM BULLET OUTLET HEADER	IBT PM SUCTION HEADER HOV -1 UP STEAM	Flange	0.3	1	100	0.000002	8760	0.017323
1528	19.06.2025	PIPELINE FROM BULLET OUTLET HEADER	IBT PM SUCTION HEADER HOV -1 DOWN STEAM	Flange	2.9	1	100	0.000010	8760	0.085363
1529	19.06.2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1530	19.06.2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1531	19.06.2025	Bullet water Draining line	HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1532	19.06.2025	Bullet water Draining line	HOV-1-down steam	Flange	0.9	1	100	0.000004	8760	0.037501
1533	19.06.2025	Bullet water Draining line	HOV-2-UP steam	Flange	0.3	1	100	0.000002	8760	0.017323
1534	19.06.2025	Bullet water Draining line	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1535	19.06.2025	BULLET TOP AREA (WEST SIDE)	MAN HOLE - 1	Flange	0.0	1	100	0.000000	8760	0.000000
1536	19.06.2025	BULLET TOP AREA (WEST SIDE)	BULLET INLET FLANGE	Flange	1.2	1	100	0.000005	8760	0.045906
1537	19.06.2025	BULLET TOP AREA (WEST SIDE)	BULLET VAPOUR BALANCING	Flange	0.0	1	100	0.000000	8760	0.000000
1538	19.06.2025	BULLET TOP AREA (WEST SIDE)	LT FLARE FLANG	Flange	0.0	1	100	0.000000	8760	0.000000
1539	19.06.2025	BULLET TOP AREA (WEST SIDE)	PRESSURE TRANSMITTER	Flange	0.0	1	100	0.000000	8760	0.000000
1540	19.06.2025	BULLET TOP AREA (WEST SIDE)	LEVEL TRANSMITTER	Flange	0.0	1	100	0.000000	8760	0.000000
1541	19.06.2025	BULLET TOP AREA (EAST SIDE)	MAN HOLE - 2	Flange	0.0	1	100	0.000000	8760	0.000000
1542	19.06.2025	BULLET TOP AREA (EAST SIDE)	OTHER	Flange	4.0	1	100	0.000012	8760	0.107017
1543	19.06.2025	BULLET 205 - V- 015	BULLET INLET XZV UPSTEAM	Flange	2.2	1	100	0.000008	8760	0.070296
1544	19.06.2025	BULLET 205 - V- 015	BULLET INLET XZV DOWNSTEAM	Flange	8.4	1	100	0.000021	8760	0.180291
1545	19.06.2025	VAPOUR BALANCING LINE	XZV VALVE UPSTEAM	Flange	1.4	1	100	0.000006	8760	0.051160
1546	19.06.2025	VAPOUR BALANCING LINE	XZV VALVE DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1547	19.06.2025	VAPOUR BALANCING LINE	HOV-1-UP steam	Flange	0.2	1	100	0.000001	8760	0.013027
1548	19.06.2025	VAPOUR BALANCING LINE	HOV-1-down steam	Flange	0.6	1	100	0.000003	8760	0.028200
1549	19.06.2025	BULLET OUTLET LINE	XZV VALVE - 1- UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1550	19.06.2025	BULLET OUTLET LINE	XZV VALVE - 1- DOWN STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
1551	19.06.2025	BULLET OUTLET LINE	HOV-1- UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1552	19.06.2025	BULLET OUTLET LINE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1553	19.06.2025	BULLET OUTLET LINE	HOV-2- UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1554	19.06.2025	BULLET OUTLET LINE	HOV-2-down steam	Flange	0.5	1	100	0.000003	8760	0.024807
1555	19.06.2025	BULLET OUTLET LINE	PROPYLENE RUN DOWN LINE UP STREAM	Flange	0.0	1	100	0.000000	8760	0.000000
1556	19.06.2025	BULLET OUTLET LINE	PROPYLENE RUN DOWN LINE DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000

1557	19.06.2025	BULLET OUTLET LINE	NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1558	19.06.2025	BULLET OUTLET LINE	NRV DOWN STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
1559	19.06.2025	BULLET OUTLET LINE	IBT DISCHAGE HEADER HOV UPSTEAM	Flange	0.4	1	100	0.000002	8760	0.021206
1560	19.06.2025	BULLET OUTLET LINE	IBT DISCHARGE HEADER HOV down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1561	19.06.2025	BULLET OUTLET LINE	PM 28 A/B/C MINIMUM FLOW HEADER UP STEAM	Flange	0.5	1	100	0.000003	8760	0.024807
1562	19.06.2025	BULLET OUTLET LINE	PM 28 A/B/C MINIMUM FLOW HEADER down STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1563	19.06.2025	BULLET OUTLET LINE	NRV VALVE UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1564	19.06.2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1565	19.06.2025	BULLET OUTLET LINE	PM29 A/B/C minimum flow HOV UPSTEAM	Flange	0.3	1	100	0.000002	8760	0.017323
1566	19.06.2025	BULLET OUTLET LINE	PM29 A/B/C Minimum flow HOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1567	19.06.2025	BULLET OUTLET LINE	PROPYLENE FROM GANTRY LOADING UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1568	19.06.2025	BULLET OUTLET LINE	PROPYLENE FROM GANTRY LOADING DOWNSTEAM	Flange	0.3	1	100	0.000002	8760	0.017323
1569	19.06.2025	BULLET OUTLET LINE	NRV VALVE UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1570	19.06.2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1571	19.06.2025	BULLET OUTLET LINE	HOV-1-UP steam	Flange	0.2	1	100	0.000001	8760	0.013027
1572	19.06.2025	BULLET OUTLET LINE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1573	19.06.2025	PIPELINE FROM BULLET OUTLET HEADER	PM A/B/C SUCTION HEADER HOV -1 UP STEAM	Flange	4.1	1	100	0.000012	8760	0.108891
1574	19.06.2025	PIPELINE FROM BULLET OUTLET HEADER	PM A/B/C SUCTION HEADER HOV -1 DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1575	19.06.2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2- UP steam	Flange	3.7	1	100	0.000012	8760	0.101310
1576	19.06.2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1577	19.06.2025	PIPELINE FROM BULLET OUTLET HEADER	IBT PM SUCTION HEADER HOV -1 UP STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
1578	19.06.2025	PIPELINE FROM BULLET OUTLET HEADER	IBT PM SUCTION HEADER HOV -1 DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1579	19.06.2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1580	19.06.2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-down steam	Flange	0.3	1	100	0.000002	8760	0.017323
1581	19.06.2025	Bullet water Draining line	HOV-1-UP steam	Flange	0.2	1	100	0.000001	8760	0.013027
1582	19.06.2025	Bullet water Draining line	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1583	19.06.2025	Bullet water Draining line	HOV-2-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1584	19.06.2025	Bullet water Draining line	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1585	19.06.2025	BULLET TOP AREA (WEST SIDE)	MAN HOLE - 1	Flange	0.0	1	100	0.000000	8760	0.000000
1586	19.06.2025	BULLET TOP AREA (WEST SIDE)	BULLET INLET FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1587	19.06.2025	BULLET TOP AREA (WEST SIDE)	BULLET VAPOUR BALANCING	Flange	0.0	1	100	0.000000	8760	0.000000
1588	19.06.2025	BULLET TOP AREA (WEST SIDE)	LT FLARE FLANG	Flange	0.0	1	100	0.000000	8760	0.000000
1589	19.06.2025	BULLET TOP AREA (WEST SIDE)	PRESSURE TRANSMITTER	Flange	0.3	1	100	0.000002	8760	0.017323
1590	19.06.2025	BULLET TOP AREA (WEST SIDE)	LEVEL TRANSMITTER	Flange	0.0	1	100	0.000000	8760	0.000000
1591	19.06.2025	BULLET TOP AREA (EAST SIDE)	MAN HOLE - 2	Flange	0.0	1	100	0.000000	8760	0.000000
1592	19.06.2025	BULLET TOP AREA (EAST SIDE)	OTHER	Flange	0.0	1	100	0.000000	8760	0.000000
1593	19.06.2025	BULLET 205 - V- 016	BULLET INLET XZV UPSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
1594	19.06.2025	BULLET 205 - V- 016	BULLET INLET XZV DOWNSTEAM	Flange	1.1	1	100	0.000005	8760	0.043182
1595	19.06.2025	VAPOUR BALANCING LINE	XZV VALVE UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1596	19.06.2025	VAPOUR BALANCING LINE	XZV VALVE DOWNSTEAM	Flange	1.8	1	100	0.000007	8760	0.061047
1597	19.06.2025	VAPOUR BALANCING LINE	HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1598	19.06.2025	VAPOUR BALANCING LINE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1599	19.06.2025	BULLET OUTLET LINE	XZV VALVE - 1- UP STEAM	Flange	0.3	1	100	0.000002	8760	0.017323
1600	19.06.2025	BULLET OUTLET LINE	XZV VALVE - 1- DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1601	19.06.2025	BULLET OUTLET LINE	HOV-1- UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1602	19.06.2025	BULLET OUTLET LINE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1603	19.06.2025	BULLET OUTLET LINE	HOV-2- UP steam	Flange	0.9	1	100	0.000004	8760	0.037501
1604	19.06.2025	BULLET OUTLET LINE	HOV-2-down steam	Flange	1.4	1	100	0.000006	8760	0.051160
1605	19.06.2025	BULLET OUTLET LINE	PROPYLENE RUN DOWN LINE UP STREAM	Flange	0.0	1	100	0.000000	8760	0.000000
1606	19.06.2025	BULLET OUTLET LINE	PROPYLENE RUN DOWN LINE DOWN STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
1607	19.06.2025	BULLET OUTLET LINE	NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1608	19.06.2025	BULLET OUTLET LINE	NRV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1609	19.06.2025	BULLET OUTLET LINE	IBT DISCHAGE HEADER HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1610	19.06.2025	BULLET OUTLET LINE	IBT DISCHARGE HEADER HOV down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1611	19.06.2025	BULLET OUTLET LINE	PM 28 A/B/C MINIMUM FLOW HEADER UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1612	19.06.2025	BULLET OUTLET LINE	PM 28 A/B/C MINIMUM FLOW HEADER down STEAM	Flange	0.8	1	100	0.000004	8760	0.034521
1613	19.06.2025	BULLET OUTLET LINE	NRV VALVE UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1614	19.06.2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1615	19.06.2025	BULLET OUTLET LINE	PM29 A/B/C minimum flow HOV UPSTEAM	Flange	0.9	1	100	0.000004	8760	0.037501
1616	19.06.2025	BULLET OUTLET LINE	PM29 A/B/C Minimum flow HOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1617	19.06.2025	BULLET OUTLET LINE	PROPYLENE FROM GANTRY LOADING UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
1618	19.06.2025	BULLET OUTLET LINE	PROPYLENE FROM GANTRY LOADING DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1619	19.06.2025	BULLET OUTLET LINE	NRV VALVE UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1620	19.06.2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1621	19.06.2025	BULLET OUTLET LINE	HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1622	19.06.2025	BULLET OUTLET LINE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1623	19.06.2025	PIPELINE FROM BULLET OUTLET HEADER	PM A/B/C SUCTION HEADER HOV -1 UP STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
1624	19.06.2025	PIPELINE FROM BULLET OUTLET HEADER	PM A/B/C SUCTION HEADER HOV -1 DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1625	19.06.2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2- UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1626	19.06.2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1627	19.06.2025	PIPELINE FROM BULLET OUTLET HEADER	IBT PM SUCTION HEADER HOV -1 UP STEAM	Flange	1.9	1	100	0.000007	8760	0.063412
1628	19.06.2025	PIPELINE FROM BULLET OUTLET HEADER	IBT PM SUCTION HEADER HOV -1 DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1629	19.06.2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-UP steam	Flange	2.4	1	100	0.000009	8760	0.074730
1630	19.06.2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1631	19.06.2025	Bullet water Draining line	HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1632	19.06.2025	Bullet water Draining line	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1633	19.06.2025	Bullet water Draining line	HOV-2-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1634	19.06.2025	Bullet water Draining line	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1635	19.06.2025	BULLET TOP AREA (WEST SIDE)	MAN HOLE - 1	Flange	0.0	1	100	0.000000	8760	0.000000
1636	19.06.2025	BULLET TOP AREA (WEST SIDE)	BULLET INLET FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1637	19.06.2025	BULLET TOP AREA (WEST SIDE)	BULLET VAPOUR BALANCING	Flange	0.2	1	100	0.000001	8760	0.013027
1638	19.06.2025	BULLET TOP AREA (WEST SIDE)	LT FLARE FLANG	Flange	0.2	1	100	0.000001	8760	0.013027
1639	19.06.2025	BULLET TOP AREA (WEST SIDE)	PRESSURE TRANSMITTER	Flange	0.0	1	100	0.000000	8760	0.000000
1640	19.06.2025	BULLET TOP AREA (WEST SIDE)	LEVEL TRANSMITTER	Flange	0.0	1	100	0.000000	8760	0.000000
1641	19.06.2025	BULLET TOP AREA (EAST SIDE)	MAN HOLE - 2	Flange	3.2	1	100	0.000010	8760	0.091480
1642	19.06.2025	BULLET TOP AREA (EAST SIDE)	OTHER	Flange	0.0	1	100	0.000000	8760	0.000000

1643	19.06.2025	BULLET 205 - V- 017	BULLET INLET XZV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1644	19.06.2025	BULLET 205 - V- 017	BULLET INLET XZV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1645	19.06.2025	VAPOUR BALANCING LINE	XZV VALVE UPSTEAM	Flange	2.8	1	100	0.000010	8760	0.083283
1646	19.06.2025	VAPOUR BALANCING LINE	XZV VALVE DOWNSTEAM	Flange	1.4	1	100	0.000006	8760	0.051160
1647	19.06.2025	VAPOUR BALANCING LINE	HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1648	19.06.2025	VAPOUR BALANCING LINE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1649	19.06.2025	BULLET OUTLET LINE	XZV VALVE - 1- UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1650	19.06.2025	BULLET OUTLET LINE	XZV VALVE - 1- DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1651	19.06.2025	BULLET OUTLET LINE	HOV-1- UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1652	19.06.2025	BULLET OUTLET LINE	HOV-1-down steam	Flange	0.2	1	100	0.000001	8760	0.013027
1653	19.06.2025	BULLET OUTLET LINE	HOV-2- UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1654	19.06.2025	BULLET OUTLET LINE	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1655	19.06.2025	BULLET OUTLET LINE	PROPYLENE RUN DOWN LINE UP STREAM	Flange	0.2	1	100	0.000001	8760	0.013027
1656	19.06.2025	BULLET OUTLET LINE	PROPYLENE RUN DOWN LINE DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1657	19.06.2025	BULLET OUTLET LINE	NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1658	19.06.2025	BULLET OUTLET LINE	NRV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1659	19.06.2025	BULLET OUTLET LINE	IBT DISCHAGE HEADER HOV UPSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
1660	19.06.2025	BULLET OUTLET LINE	IBT DISCHARGE HEADER HOV down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1661	19.06.2025	BULLET OUTLET LINE	PM 28 A/B/C MINIMUM FLOW HEADER UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1662	19.06.2025	BULLET OUTLET LINE	PM 28 A/B/C MINIMUM FLOW HEADER down STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1663	19.06.2025	BULLET OUTLET LINE	NRV VALVE UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1664	19.06.2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1665	19.06.2025	BULLET OUTLET LINE	PM29 A/B/C minimum flow HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1666	19.06.2025	BULLET OUTLET LINE	PM29 A/B/C Minimum flow HOV DOWNSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
1667	19.06.2025	BULLET OUTLET LINE	PROPYLENE FROM GANTRY LOADING UPSTEAM	Flange	1.9	1	100	0.000007	8760	0.063412
1668	19.06.2025	BULLET OUTLET LINE	PROPYLENE FROM GANTRY LOADING DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1669	19.06.2025	BULLET OUTLET LINE	NRV VALVE UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1670	19.06.2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1671	19.06.2025	BULLET OUTLET LINE	HOV-1-UP steam	Flange	1.2	1	100	0.000005	8760	0.045906
1672	19.06.2025	BULLET OUTLET LINE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1673	19.06.2025	PIPELINE FROM BULLET OUTLET HEADER	PM A/B/C SUCTION HEADER HOV -1 UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1674	19.06.2025	PIPELINE FROM BULLET OUTLET HEADER	PM A/B/C SUCTION HEADER HOV -1 DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1675	19.06.2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2- UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1676	19.06.2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1677	19.06.2025	PIPELINE FROM BULLET OUTLET HEADER	IBT PM SUCTION HEADER HOV -1 UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1678	19.06.2025	PIPELINE FROM BULLET OUTLET HEADER	IBT PM SUCTION HEADER HOV -1 DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1679	19.06.2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1680	19.06.2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1681	19.06.2025	Bullet water Draining line	HOV-1-UP steam	Flange	0.4	1	100	0.000002	8760	0.021206
1682	19.06.2025	Bullet water Draining line	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1683	19.06.2025	Bullet water Draining line	HOV-2-UP steam	Flange	0.2	1	100	0.000001	8760	0.013027
1684	19.06.2025	Bullet water Draining line	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1685	19.06.2025	BULLET TOP AREA (WEST SIDE)	MAN HOLE - 1	Flange	0.7	1	100	0.000004	8760	0.031427
1686	19.06.2025	BULLET TOP AREA (WEST SIDE)	BULLET INLET FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1687	19.06.2025	BULLET TOP AREA (WEST SIDE)	BULLET VAPOUR BALANCING	Flange	0.6	1	100	0.000003	8760	0.028200
1688	19.06.2025	BULLET TOP AREA (WEST SIDE)	LT FLARE FLANG	Flange	0.0	1	100	0.000000	8760	0.000000
1689	19.06.2025	BULLET TOP AREA (WEST SIDE)	PRESSURE TRANSMITTER	Flange	0.0	1	100	0.000000	8760	0.000000
1690	19.06.2025	BULLET TOP AREA (WEST SIDE)	LEVEL TRANSMITTER	Flange	0.0	1	100	0.000000	8760	0.000000
1691	19.06.2025	BULLET TOP AREA (EAST SIDE)	MAN HOLE - 2	Flange	0.0	1	100	0.000000	8760	0.000000
1692	19.06.2025	BULLET TOP AREA (EAST SIDE)	OTHER	Flange	0.6	1	100	0.000003	8760	0.028200
1693	20.06.2025	LPG GANTRY BAY - 1	XZV LPG line up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1694	20.06.2025	LPG GANTRY BAY - 1	XZV LPG line down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1695	20.06.2025	LPG GANTRY BAY - 1	HOV 1 up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1696	20.06.2025	LPG GANTRY BAY - 1	HOV 1 down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1697	20.06.2025	LPG GANTRY BAY - 1	HOV 2 up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1698	20.06.2025	LPG GANTRY BAY - 1	HOV 2 down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1699	20.06.2025	LPG GANTRY BAY - 1	LPG liquid loding arm	Flange	0.0	1	100	0.000000	8760	0.000000
1700	20.06.2025	LPG VAPOR LINE	MOV- 1- 6001 up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1701	20.06.2025	LPG VAPOR LINE	MOV- 1- 6002 down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1702	20.06.2025	LPG VAPOR LINE	HOV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1703	20.06.2025	LPG VAPOR LINE	HOV-1- down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1704	20.06.2025	LPG VAPOR LINE	Vapor loading arm flange	Flange	0.0	1	100	0.000000	8760	0.000000
1705	20.06.2025	LPG LIQUID RETURN LINE	HOV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1706	20.06.2025	LPG LIQUID RETURN LINE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1707	20.06.2025	LPG LIQUID RETURN LINE	HOV-2-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1708	20.06.2025	LPG LIQUID RETURN LINE	HOV-2-down steam	Flange	0.6	1	100	0.000003	8760	0.028200
1709	20.06.2025	LPG VENTING TO LT FLANGE	HOV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1710	20.06.2025	LPG VENTING TO LT FLANGE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1711	20.06.2025	LPG VENTING TO LT FLANGE	HOV-2-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1712	20.06.2025	LPG VENTING TO LT FLANGE	HOV-2- down steam	Flange	0.2	1	100	0.000001	8760	0.013027
1713	20.06.2025	LPG VENTING TO LT FLANGE	HOV-3-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1714	20.06.2025	LPG VENTING TO LT FLANGE	HOV-3-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1715	20.06.2025	LPG VENTING TO LT FLANGE	HOV-4-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1716	20.06.2025	LPG VENTING TO LT FLANGE	HOV-4- down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1717	20.06.2025	LPG GANTRY BAY - 2	XZV LPG liquid line 6002	Flange	0.0	1	100	0.000000	8760	0.000000
1718	20.06.2025	LPG GANTRY BAY - 2	XZV LPG liquid line 6002	Flange	0.0	1	100	0.000000	8760	0.000000
1719	20.06.2025	LPG GANTRY BAY - 2	HOV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1720	20.06.2025	LPG GANTRY BAY - 2	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1721	20.06.2025	LPG GANTRY BAY - 2	HOV-2-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1722	20.06.2025	LPG GANTRY BAY - 2	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1723	20.06.2025	LPG GANTRY BAY - 2	LPG liquid loding arm	Flange	0.0	1	100	0.000000	8760	0.000000
1724	20.06.2025	LPG VAPOR LINE	MOV-1-up steam 6001	Flange	0.0	1	100	0.000000	8760	0.000000
1725	20.06.2025	LPG VAPOR LINE	MOV-1-down steam 6001	Flange	0.0	1	100	0.000000	8760	0.000000
1726	20.06.2025	LPG VAPOR LINE	HOV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1727	20.06.2025	LPG VAPOR LINE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1728	20.06.2025	LPG VAPOR LINE	vapour loading arm	Flange	0.0	1	100	0.000000	8760	0.000000

1729	20.06.2025	LPG LIQUID RETURN LINE	HOV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1730	20.06.2025	LPG LIQUID RETURN LINE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1731	20.06.2025	LPG LIQUID RETURN LINE	HOV-2-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1732	20.06.2025	LPG LIQUID RETURN LINE	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1733	20.06.2025	LPG VENTING TO LT FLANGE	HOV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1734	20.06.2025	LPG VENTING TO LT FLANGE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1735	20.06.2025	LPG VENTING TO LT FLANGE	HOV-2- up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1736	20.06.2025	LPG VENTING TO LT FLANGE	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1737	20.06.2025	LPG VENTING TO LT FLANGE	HOV-3-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1738	20.06.2025	LPG VENTING TO LT FLANGE	HOV-3-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1739	20.06.2025	LPG VENTING TO LT FLANGE	HOV-4-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1740	20.06.2025	LPG VENTING TO LT FLANGE	HOV-4-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1741	20.06.2025	LPG GANTRY BAY - 3	XZV LPG liquid line 6003	Flange	0.0	1	100	0.000000	8760	0.000000
1742	20.06.2025	LPG GANTRY BAY - 3	XZV LPG liquid line 6003	Flange	0.0	1	100	0.000000	8760	0.000000
1743	20.06.2025	LPG GANTRY BAY - 3	HOV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1744	20.06.2025	LPG GANTRY BAY - 3	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1745	20.06.2025	LPG GANTRY BAY - 3	HOV-2-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1746	20.06.2025	LPG GANTRY BAY - 3	LPG liquid loding arm	Flange	0.0	1	100	0.000000	8760	0.000000
1747	20.06.2025	LPG VAPOUR LINE	MOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1748	20.06.2025	LPG VAPOUR LINE	MOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1749	20.06.2025	LPG VAPOUR LINE	HOV-1-UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1750	20.06.2025	LPG VAPOUR LINE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1751	20.06.2025	LPG VAPOUR LINE	vapour loading arm	Flange	0.0	1	100	0.000000	8760	0.000000
1752	20.06.2025	LPG LIQUID RETURN LINE	HOV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1753	20.06.2025	LPG LIQUID RETURN LINE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1754	20.06.2025	LPG LIQUID RETURN LINE	HOV-2-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1755	20.06.2025	LPG LIQUID RETURN LINE	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1756	20.06.2025	LPG VENTING TO LT FLANGE	HOV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1757	20.06.2025	LPG VENTING TO LT FLANGE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1758	20.06.2025	LPG VENTING TO LT FLANGE	HOV-2-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1759	20.06.2025	LPG VENTING TO LT FLANGE	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1760	20.06.2025	LPG VENTING TO LT FLANGE	HOV-3-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1761	20.06.2025	LPG VENTING TO LT FLANGE	HOV-3-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1762	20.06.2025	LPG VENTING TO LT FLANGE	HOV-4-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1763	20.06.2025	LPG VENTING TO LT FLANGE	HOV-4-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1764	20.06.2025	LPG GANTRY BAY - 4	XZV -6004 LPG liquid line	Flange	0.0	1	100	0.000000	8760	0.000000
1765	20.06.2025	LPG GANTRY BAY - 4	XZV -6004 LPG liquid line	Flange	0.0	1	100	0.000000	8760	0.000000
1766	20.06.2025	LPG GANTRY BAY - 4	HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1767	20.06.2025	LPG GANTRY BAY - 4	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1768	20.06.2025	LPG GANTRY BAY - 4	HOV-2-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1769	20.06.2025	LPG GANTRY BAY - 4	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1770	20.06.2025	LPG GANTRY BAY - 4	LPG liquid loding arm	Flange	0.0	1	100	0.000000	8760	0.000000
1771	20.06.2025	LPG VAPOUR LINES	MOV - 1 up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1772	20.06.2025	LPG VAPOUR LINES	MOV - 1 down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1773	20.06.2025	LPG VAPOUR LINES	HOV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1774	20.06.2025	LPG VAPOUR LINES	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1775	20.06.2025	LPG VAPOUR LINES	vapour loading arm	Flange	0.0	1	100	0.000000	8760	0.000000
1776	20.06.2025	LPG LIQUID RETURN LINE	HOV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1777	20.06.2025	LPG LIQUID RETURN LINE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1778	20.06.2025	LPG LIQUID RETURN LINE	HOV 2-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1779	20.06.2025	LPG LIQUID RETURN LINE	HOV-2-down steam	Flange	0.7	1	100	0.000004	8760	0.031427
1780	20.06.2025	LPG VENTING TO LT FLANGE	HOV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1781	20.06.2025	LPG VENTING TO LT FLANGE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1782	20.06.2025	LPG VENTING TO LT FLANGE	HOV-2-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1783	20.06.2025	LPG VENTING TO LT FLANGE	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1784	20.06.2025	LPG VENTING TO LT FLANGE	HOV-3-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1785	20.06.2025	LPG VENTING TO LT FLANGE	HOV-3-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1786	20.06.2025	LPG VENTING TO LT FLANGE	HOV-4-up steam	Flange	0.2	1	100	0.000001	8760	0.013027
1787	20.06.2025	LPG VENTING TO LT FLANGE	HOV-4-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1788	20.06.2025	LPG GANTRY BAY - 5	XZV 6006 LPG LIQUID LINE	Flange	0.0	1	100	0.000000	8760	0.000000
1789	20.06.2025	LPG GANTRY BAY - 5	XZV 6006 LPG LIQUID LINE	Flange	0.0	1	100	0.000000	8760	0.000000
1790	20.06.2025	LPG GANTRY BAY - 5	HOV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1791	20.06.2025	LPG GANTRY BAY - 5	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1792	20.06.2025	LPG GANTRY BAY - 5	HOV-2-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1793	20.06.2025	LPG GANTRY BAY - 5	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1794	20.06.2025	LPG GANTRY BAY - 5	LPG liquid loding arm	Flange	0.0	1	100	0.000000	8760	0.000000
1795	20.06.2025	LPG VAPOUR LINE	MOV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1796	20.06.2025	LPG VAPOUR LINE	MOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1797	20.06.2025	LPG VAPOUR LINE	HOV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1798	20.06.2025	LPG VAPOUR LINE	HOV-1-down steam	Flange	0.1	1	100	0.000001	8760	0.008002
1799	20.06.2025	LPG VAPOUR LINE	vapour loading arm	Flange	0.0	1	100	0.000000	8760	0.000000
1800	20.06.2025	LPG LIQUID RETURN LINE	HOV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1801	20.06.2025	LPG LIQUID RETURN LINE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1802	20.06.2025	LPG LIQUID RETURN LINE	HOV-2-up steam	Flange	0.2	1	100	0.000001	8760	0.013027
1803	20.06.2025	LPG LIQUID RETURN LINE	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1804	20.06.2025	LPG VENTING TO LT FLANGE	HOV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1805	20.06.2025	LPG VENTING TO LT FLANGE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1806	20.06.2025	LPG VENTING TO LT FLANGE	HOV-2-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1807	20.06.2025	LPG VENTING TO LT FLANGE	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1808	20.06.2025	LPG VENTING TO LT FLANGE	HOV-3-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1809	20.06.2025	LPG VENTING TO LT FLANGE	HOV-3-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1810	20.06.2025	LPG VENTING TO LT FLANGE	HOV-4-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1811	20.06.2025	LPG VENTING TO LT FLANGE	HOV-4-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1812	20.06.2025	LPG GANTRY BAY - 6	XZV 6007 LPG liquid line	Flange	0.0	1	100	0.000000	8760	0.000000
1813	20.06.2025	LPG GANTRY BAY - 6	XZV 6007 LPG liquid line	Flange	0.0	1	100	0.000000	8760	0.000000
1814	20.06.2025	LPG GANTRY BAY - 6	HOV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1815	20.06.2025	LPG GANTRY BAY - 6	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000

1816	20.06.2025	LPG GANTRY BAY - 6	HOV-2-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1817	20.06.2025	LPG GANTRY BAY - 6	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1818	20.06.2025	LPG GANTRY BAY - 6	LPG liquid loding arm	Flange	0.0	1	100	0.000000	8760	0.000000
1819	20.06.2025	LPG VAPOUR LINE	MOV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1820	20.06.2025	LPG VAPOUR LINE	MOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1821	20.06.2025	LPG VAPOUR LINE	HOV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1822	20.06.2025	LPG VAPOUR LINE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1823	20.06.2025	LPG VAPOUR LINE	vapour loading arm	Flange	0.0	1	100	0.000000	8760	0.000000
1824	20.06.2025	LPG LIQUID RETURN LINE	HOV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1825	20.06.2025	LPG LIQUID RETURN LINE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1826	20.06.2025	LPG LIQUID RETURN LINE	HOV-2-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1827	20.06.2025	LPG LIQUID RETURN LINE	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1828	20.06.2025	LPG VENTING TO LT FLANGE	HOV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1829	20.06.2025	LPG VENTING TO LT FLANGE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1830	20.06.2025	LPG VENTING TO LT FLANGE	HOV-2-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1831	20.06.2025	LPG VENTING TO LT FLANGE	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1832	20.06.2025	LPG VENTING TO LT FLANGE	HOV-3-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1833	20.06.2025	LPG VENTING TO LT FLANGE	HOV-3-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1834	20.06.2025	LPG VENTING TO LT FLANGE	HOV-4-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1835	20.06.2025	LPG VENTING TO LT FLANGE	HOV-4-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1836	20.06.2025	LPG GANTRY BAY - 7	XZV 6051 LPG LIQUID LINE	Flange	0.0	1	100	0.000000	8760	0.000000
1837	20.06.2025	LPG GANTRY BAY - 7	XZV 6051 LPG LIQUID LINE	Flange	0.0	1	100	0.000000	8760	0.000000
1838	20.06.2025	LPG GANTRY BAY - 7	HOV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1839	20.06.2025	LPG GANTRY BAY - 7	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1840	20.06.2025	LPG GANTRY BAY - 7	HOV-2-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1841	20.06.2025	LPG GANTRY BAY - 7	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1842	20.06.2025	LPG GANTRY BAY - 7	LPG liquid loding arm	Flange	0.0	1	100	0.000000	8760	0.000000
1843	20.06.2025	LPG VAPOUR LINE	MOV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1844	20.06.2025	LPG VAPOUR LINE	MOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1845	20.06.2025	LPG VAPOUR LINE	HOV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1846	20.06.2025	LPG VAPOUR LINE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1847	20.06.2025	LPG VAPOUR LINE	vapour loading arm	Flange	0.0	1	100	0.000000	8760	0.000000
1848	20.06.2025	LPG LIQUID RETURN LINE	HOV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1849	20.06.2025	LPG LIQUID RETURN LINE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1850	20.06.2025	LPG LIQUID RETURN LINE	HOV-2-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1851	20.06.2025	LPG LIQUID RETURN LINE	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1852	20.06.2025	LPG VENTING TO LT FLANGE	HOV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1853	20.06.2025	LPG VENTING TO LT FLANGE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1854	20.06.2025	LPG VENTING TO LT FLANGE	HOV-2-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1855	20.06.2025	LPG VENTING TO LT FLANGE	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1856	20.06.2025	LPG VENTING TO LT FLANGE	HOV-3-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1857	20.06.2025	LPG VENTING TO LT FLANGE	HOV-3-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1858	20.06.2025	LPG VENTING TO LT FLANGE	HOV-4-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1859	20.06.2025	LPG VENTING TO LT FLANGE	HOV-4-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1860	20.06.2025	LPG BAY NO 1 NORTH SIDE PIPE LINE VAPOUR FROM TANKER LOADING TO BULLET	HOV-A1	Flange	0.0	1	100	0.000000	8760	0.000000
1861	20.06.2025	LPG BAY NO 1 NORTH SIDE PIPE LINE VAPOUR FROM TANKER LOADING TO BULLET	HOV-A2	Flange	0.0	1	100	0.000000	8760	0.000000
1862	20.06.2025	LPG BAY NO 1 NORTH SIDE PIPE LINE VAPOUR FROM TANKER LOADING TO BULLET	HOV-B1	Flange	0.2	1	100	0.000001	8760	0.013027
1863	20.06.2025	LPG BAY NO 1 NORTH SIDE PIPE LINE VAPOUR FROM TANKER LOADING TO BULLET	HOV-B2	Flange	0.0	1	100	0.000000	8760	0.000000
1864	20.06.2025	LPG BAY NO 1 NORTH SIDE PIPE LINE VAPOUR FROM TANKER LOADING TO BULLET	HOV-C1	Flange	0.0	1	100	0.000000	8760	0.000000
1865	20.06.2025	LPG BAY NO 1 NORTH SIDE PIPE LINE VAPOUR FROM TANKER LOADING TO BULLET	HOV-C2	Flange	0.4	1	100	0.000002	8760	0.021206
1866	20.06.2025	LPG BAY NO 1 NORTH SIDE PIPE LINE VAPOUR FROM TANKER LOADING TO BULLET	HOV-D1	Flange	0.0	1	100	0.000000	8760	0.000000
1867	20.06.2025	LPG BAY NO 1 NORTH SIDE PIPE LINE VAPOUR FROM TANKER LOADING TO BULLET	HOV-D2	Flange	0.0	1	100	0.000000	8760	0.000000
1868	20.06.2025	LPG BAY NO 1 NORTH SIDE PIPE LINE VAPOUR FROM TANKER LOADING TO BULLET	HOV-E1	Flange	0.0	1	100	0.000000	8760	0.000000
1869	20.06.2025	LPG BAY NO 1 NORTH SIDE PIPE LINE VAPOUR FROM TANKER LOADING TO BULLET	HOV-E2	Flange	0.0	1	100	0.000000	8760	0.000000
1870	20.06.2025	LPG BAY NO 1 NORTH SIDE PIPE LINE VAPOUR FROM TANKER LOADING TO BULLET	XZV6005	Flange	0.0	1	100	0.000000	8760	0.000000
1871	20.06.2025	LPG BAY NO 1 NORTH SIDE PIPE LINE VAPOUR FROM TANKER LOADING TO BULLET	XZV6005	Flange	0.0	1	100	0.000000	8760	0.000000
1872	20.06.2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	MOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1873	20.06.2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1874	20.06.2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1875	20.06.2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1876	20.06.2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1877	20.06.2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	PVC HOV TRV B013	Flange	0.0	1	100	0.000000	8760	0.000000
1878	20.06.2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	PVC HOV TRV B013	Flange	0.0	1	100	0.000000	8760	0.000000
1879	20.06.2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	PVC HOV TRV B013	Flange	0.0	1	100	0.000000	8760	0.000000
1880	20.06.2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	PVC HOV TRV B013	Flange	0.0	1	100	0.000000	8760	0.000000

1881	20.06.2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	FLOW METER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1882	20.06.2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	FLOW METER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1883	20.06.2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	MOV-1-FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1884	20.06.2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	MOV-1-FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1885	20.06.2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	DLV VALVE FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1886	20.06.2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	DLV VALVE FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1887	20.06.2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1888	20.06.2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1889	20.06.2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	HOV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1890	20.06.2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1891	20.06.2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	HOV-2-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1892	20.06.2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	HOV-2-down steam	Flange	0.1	1	100	0.000001	8760	0.008002
1893	20.06.2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	MT - 3809 FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1894	20.06.2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	MT - 3809 FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1895	20.06.2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	HOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1896	20.06.2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	Pressure gauge HOV 1	Flange	0.0	1	100	0.000000	8760	0.000000
1897	20.06.2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	Pressure gauge HOV 1	Flange	0.0	1	100	0.000000	8760	0.000000
1898	20.06.2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	Pressure gauge HOV 2	Flange	0.0	1	100	0.000000	8760	0.000000
1899	20.06.2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	Pressure gauge HOV 2	Flange	0.0	1	100	0.000000	8760	0.000000
1900	20.06.2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	other flange 11 numbers	Flange	0.0	1	100	0.000000	8760	0.000000
1901	20.06.2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	other flange 11 numbers	Flange	0.1	1	100	0.000001	8760	0.008002
1902	20.06.2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	other flange 11 numbers	Flange	0.0	1	100	0.000000	8760	0.000000
1903	20.06.2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	other flange 11 numbers	Flange	0.2	1	100	0.000001	8760	0.013027
1904	20.06.2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	other flange 11 numbers	Flange	0.0	1	100	0.000000	8760	0.000000
1905	20.06.2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	other flange 11 numbers	Flange	0.0	1	100	0.000000	8760	0.000000
1906	20.06.2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	other flange 11 numbers	Flange	0.0	1	100	0.000000	8760	0.000000
1907	20.06.2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	other flange 11 numbers	Flange	0.0	1	100	0.000000	8760	0.000000
1908	20.06.2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	other flange 11 numbers	Flange	0.0	1	100	0.000000	8760	0.000000
1909	20.06.2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	other flange 11 numbers	Flange	0.0	1	100	0.000000	8760	0.000000
1910	20.06.2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	other flange 11 numbers	Flange	0.0	1	100	0.000000	8760	0.000000
1911	20.06.2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	Stand by 4 to bay 1/2/3/4/5/6/7 HOV	Flange	0.0	1	100	0.000000	8760	0.000000
1912	20.06.2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	Stand by 4 to bay 1/2/3/4/5/6/7 HOV	Flange	0.0	1	100	0.000000	8760	0.000000
1913	20.06.2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	Stand by 4 to bay 1/2/3/4/5/6/7 HOV	Flange	0.0	1	100	0.000000	8760	0.000000
1914	20.06.2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	Stand by 4 to bay 1/2/3/4/5/6/7 HOV	Flange	0.0	1	100	0.000000	8760	0.000000
1915	20.06.2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	Stand by 4 to bay 1/2/3/4/5/6/7 HOV	Flange	0.0	1	100	0.000000	8760	0.000000
1916	20.06.2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	Stand by 4 to bay 1/2/3/4/5/6/7 HOV	Flange	0.0	1	100	0.000000	8760	0.000000
1917	20.06.2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	Stand by 4 to bay 1/2/3/4/5/6/7 HOV	Flange	0.0	1	100	0.000000	8760	0.000000
1918	20.06.2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	Stand by 4 to bay 1/2/3/4/5/6/7 HOV	Flange	0.0	1	100	0.000000	8760	0.000000
1919	20.06.2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	Stand by 4 to bay 1/2/3/4/5/6/7 HOV	Flange	0.0	1	100	0.000000	8760	0.000000
1920	20.06.2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	Stand by 4 to bay 1/2/3/4/5/6/7 HOV	Flange	0.0	1	100	0.000000	8760	0.000000
1921	20.06.2025	LPG GANTRY CTMS BRANCH LINE -2	MOV-1	Flange	0.0	1	100	0.000000	8760	0.000000
1922	20.06.2025	LPG GANTRY CTMS BRANCH LINE -2	MOV-1	Flange	0.0	1	100	0.000000	8760	0.000000
1923	20.06.2025	LPG GANTRY CTMS BRANCH LINE -2	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1924	20.06.2025	LPG GANTRY CTMS BRANCH LINE -2	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1925	20.06.2025	LPG GANTRY CTMS BRANCH LINE -2	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1926	20.06.2025	LPG GANTRY CTMS BRANCH LINE -2	PSV HOV (TRV - B012)	Flange	0.0	1	100	0.000000	8760	0.000000
1927	20.06.2025	LPG GANTRY CTMS BRANCH LINE -2	PSV HOV (TRV - B012)	Flange	0.0	1	100	0.000000	8760	0.000000

1928	20.06.2025	LPG GANTRY CTMS BRANCH LINE -2	PSV HOV (TRV - B012)	Flange	0.0	1	100	0.000000	8760	0.000000
1929	20.06.2025	LPG GANTRY CTMS BRANCH LINE -2	PSV HOV (TRV - B012)	Flange	0.0	1	100	0.000000	8760	0.000000
1930	20.06.2025	LPG GANTRY CTMS BRANCH LINE -2	FLOW METER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1931	20.06.2025	LPG GANTRY CTMS BRANCH LINE -2	FLOW METER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1932	20.06.2025	LPG GANTRY CTMS BRANCH LINE -2	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1933	20.06.2025	LPG GANTRY CTMS BRANCH LINE -2	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1934	20.06.2025	LPG GANTRY CTMS BRANCH LINE -2	DLV VALVE FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1935	20.06.2025	LPG GANTRY CTMS BRANCH LINE -2	DLV VALVE FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1936	20.06.2025	LPG GANTRY CTMS BRANCH LINE -2	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1937	20.06.2025	LPG GANTRY CTMS BRANCH LINE -2	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1938	20.06.2025	LPG GANTRY CTMS BRANCH LINE -2	STAND BY 1 TO BAY 1 HOVs	Flange	0.0	1	100	0.000000	8760	0.000000
1939	20.06.2025	LPG GANTRY CTMS BRANCH LINE -2	STAND BY 1 TO BAY 1 HOVs	Flange	0.0	1	100	0.000000	8760	0.000000
1940	20.06.2025	LPG GANTRY CTMS BRANCH LINE -2	STAND BY 1 TO BAY 1 HOVs	Flange	0.0	1	100	0.000000	8760	0.000000
1941	20.06.2025	LPG GANTRY CTMS BRANCH LINE -2	STAND BY 1 TO BAY 1 HOVs	Flange	0.0	1	100	0.000000	8760	0.000000
1942	20.06.2025	LPG GANTRY CTMS BRANCH LINE -2	STAND BY 1 TO BAY 1 HOVs	Flange	0.0	1	100	0.000000	8760	0.000000
1943	20.06.2025	LPG GANTRY CTMS BRANCH LINE -2	STAND BY 1 TO BAY 1 HOVs	Flange	361.2	1	100	0.000290	8760	2.536890
1944	20.06.2025	LPG GANTRY CTMS BRANCH LINE -2	STAND BY 2 TO BAY 2 HOVs	Flange	0.0	1	100	0.000000	8760	0.000000
1945	20.06.2025	LPG GANTRY CTMS BRANCH LINE -2	STAND BY 2 TO BAY 2 HOVs	Flange	0.0	1	100	0.000000	8760	0.000000
1946	20.06.2025	LPG GANTRY CTMS BRANCH LINE -3	MOV-1	Flange	0.0	1	100	0.000000	8760	0.000000
1947	20.06.2025	LPG GANTRY CTMS BRANCH LINE -3	MOV-1	Flange	0.0	1	100	0.000000	8760	0.000000
1948	20.06.2025	LPG GANTRY CTMS BRANCH LINE -3	STRAINER FLANGE	Flange	0.1	1	100	0.000001	8760	0.008002
1949	20.06.2025	LPG GANTRY CTMS BRANCH LINE -3	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1950	20.06.2025	LPG GANTRY CTMS BRANCH LINE -3	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1951	20.06.2025	LPG GANTRY CTMS BRANCH LINE -3	PSV HOV (205 -TRV - B011)	Flange	0.0	1	100	0.000000	8760	0.000000
1952	20.06.2025	LPG GANTRY CTMS BRANCH LINE -3	PSV HOV (205 -TRV - B011)	Flange	0.0	1	100	0.000000	8760	0.000000
1953	20.06.2025	LPG GANTRY CTMS BRANCH LINE -3	PSV HOV (205 -TRV - B011)	Flange	0.0	1	100	0.000000	8760	0.000000
1954	20.06.2025	LPG GANTRY CTMS BRANCH LINE -3	PSV HOV (205 -TRV - B011)	Flange	0.0	1	100	0.000000	8760	0.000000
1955	20.06.2025	LPG GANTRY CTMS BRANCH LINE -3	FLOW METER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1956	20.06.2025	LPG GANTRY CTMS BRANCH LINE -3	FLOW METER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1957	20.06.2025	LPG GANTRY CTMS BRANCH LINE -3	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1958	20.06.2025	LPG GANTRY CTMS BRANCH LINE -3	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1959	20.06.2025	LPG GANTRY CTMS BRANCH LINE -3	DLV VALVE FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1960	20.06.2025	LPG GANTRY CTMS BRANCH LINE -3	DLV VALVE FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1961	20.06.2025	LPG GANTRY CTMS BRANCH LINE -3	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1962	20.06.2025	LPG GANTRY CTMS BRANCH LINE -3	STAND BY 3 TO BAY 1 HOVs	Flange	0.0	1	100	0.000000	8760	0.000000
1963	20.06.2025	LPG GANTRY CTMS BRANCH LINE -3	STAND BY 3 TO BAY 1 HOVs	Flange	0.0	1	100	0.000000	8760	0.000000
1964	20.06.2025	LPG GANTRY CTMS BRANCH LINE -3	STAND BY 3 TO BAY 1 HOVs	Flange	0.0	1	100	0.000000	8760	0.000000
1965	20.06.2025	LPG GANTRY CTMS BRANCH LINE -3	STAND BY 3 TO BAY 1 HOVs	Flange	0.0	1	100	0.000000	8760	0.000000
1966	20.06.2025	LPG GANTRY CTMS BRANCH LINE -3	STAND BY 3 TO BAY 1 HOVs	Flange	0.0	1	100	0.000000	8760	0.000000
1967	20.06.2025	LPG GANTRY CTMS BRANCH LINE -3	STAND BY 3 TO BAY 1 HOVs	Flange	0.0	1	100	0.000000	8760	0.000000
1968	20.06.2025	LPG GANTRY CTMS BRANCH LINE -3	MASTER METER BAY 2	Flange	0.2	1	100	0.000001	8760	0.013027
1969	20.06.2025	LPG GANTRY CTMS BRANCH LINE -3	MASTER METER BAY 2	Flange	0.4	1	100	0.000002	8760	0.021206
1970	20.06.2025	LPG GANTRY CTMS BRANCH LINE -4	MOV-1	Flange	0.0	1	100	0.000000	8760	0.000000
1971	20.06.2025	LPG GANTRY CTMS BRANCH LINE -4	MOV-1	Flange	0.0	1	100	0.000000	8760	0.000000
1972	20.06.2025	LPG GANTRY CTMS BRANCH LINE -4	STRAINER FLANGE	Flange	0.7	1	100	0.000004	8760	0.031427
1973	20.06.2025	LPG GANTRY CTMS BRANCH LINE -4	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1974	20.06.2025	LPG GANTRY CTMS BRANCH LINE -4	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1975	20.06.2025	LPG GANTRY CTMS BRANCH LINE -4	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
1976	20.06.2025	LPG GANTRY CTMS BRANCH LINE -4	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
1977	20.06.2025	LPG GANTRY CTMS BRANCH LINE -4	PSV HOV	Flange	0.2	1	100	0.000001	8760	0.013027
1978	20.06.2025	LPG GANTRY CTMS BRANCH LINE -4	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
1979	20.06.2025	LPG GANTRY CTMS BRANCH LINE -4	FLOW METER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1980	20.06.2025	LPG GANTRY CTMS BRANCH LINE -4	FLOW METER FLANGE	Flange	0.4	1	100	0.000002	8760	0.021206
1981	20.06.2025	LPG GANTRY CTMS BRANCH LINE -4	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1982	20.06.2025	LPG GANTRY CTMS BRANCH LINE -4	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1983	20.06.2025	LPG GANTRY CTMS BRANCH LINE -4	DLV VALVE FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1984	20.06.2025	LPG GANTRY CTMS BRANCH LINE -4	DLV VALVE FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1985	20.06.2025	LPG GANTRY CTMS BRANCH LINE -4	MOV FLANGE	Flange	0.5	1	100	0.000003	8760	0.024807
1986	20.06.2025	LPG GANTRY CTMS BRANCH LINE -4	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1987	20.06.2025	LPG GANTRY CTMS BRANCH LINE -4	HOV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1988	20.06.2025	LPG GANTRY CTMS BRANCH LINE -4	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1989	20.06.2025	LPG GANTRY CTMS BRANCH LINE -4	HOV-2-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1990	20.06.2025	LPG GANTRY CTMS BRANCH LINE -4	HOV-2-down steam	Flange	0.6	1	100	0.000003	8760	0.028200
1991	20.06.2025	LPG GANTRY CTMS BRANCH LINE -4	HOV-3-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1992	20.06.2025	LPG GANTRY CTMS BRANCH LINE -4	HOV-3-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1993	20.06.2025	LPG GANTRY CTMS BRANCH LINE -4	HOV-4-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1994	20.06.2025	LPG GANTRY CTMS BRANCH LINE -4	HOV-4-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1995	20.06.2025	LPG GANTRY CTMS BRANCH LINE -5	MOV-1	Flange	0.0	1	100	0.000000	8760	0.000000
1996	20.06.2025	LPG GANTRY CTMS BRANCH LINE -5	MOV-1	Flange	0.0	1	100	0.000000	8760	0.000000
1997	20.06.2025	LPG GANTRY CTMS BRANCH LINE -5	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1998	20.06.2025	LPG GANTRY CTMS BRANCH LINE -5	STRAINER FLANGE	Flange	0.4	1	100	0.000002	8760	0.021206
1999	20.06.2025	LPG GANTRY CTMS BRANCH LINE -5	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2000	20.06.2025	LPG GANTRY CTMS BRANCH LINE -5	PSV HOV (TRV-B009)	Flange	0.0	1	100	0.000000	8760	0.000000
2001	20.06.2025	LPG GANTRY CTMS BRANCH LINE -5	PSV HOV (TRV-B009)	Flange	0.0	1	100	0.000000	8760	0.000000
2002	20.06.2025	LPG GANTRY CTMS BRANCH LINE -5	PSV HOV (TRV-B009)	Flange	0.0	1	100	0.000000	8760	0.000000
2003	20.06.2025	LPG GANTRY CTMS BRANCH LINE -5	PSV HOV (TRV-B009)	Flange	0.0	1	100	0.000000	8760	0.000000
2004	20.06.2025	LPG GANTRY CTMS BRANCH LINE -5	FLOW METER FLANGE	Flange	0.1	1	100	0.000001	8760	0.008002
2005	20.06.2025	LPG GANTRY CTMS BRANCH LINE -5	FLOW METER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2006	20.06.2025	LPG GANTRY CTMS BRANCH LINE -5	MOV FLANGE	Flange	0.4	1	100	0.000002	8760	0.021206
2007	20.06.2025	LPG GANTRY CTMS BRANCH LINE -5	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2008	20.06.2025	LPG GANTRY CTMS BRANCH LINE -5	DLV VALVE FLANGE	Flange	0.3	1	100	0.000002	8760	0.017323
2009	20.06.2025	LPG GANTRY CTMS BRANCH LINE -5	DLV VALVE FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2010	20.06.2025	LPG GANTRY CTMS BRANCH LINE -5	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2011	20.06.2025	LPG GANTRY CTMS BRANCH LINE -5	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2012	20.06.2025	LPG GANTRY CTMS BRANCH LINE -5	HOV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
2013	20.06.2025	LPG GANTRY CTMS BRANCH LINE -5	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
2014	20.06.2025	LPG GANTRY CTMS BRANCH LINE -5	HOV-2-up steam	Flange	0.0	1	100	0.000000	8760	0.000000

2015	20.06.2025	LPG GANTRY CTMS BRANCH LINE -5	HOV-2-down steam	Flange	0.3	1	100	0.000002	8760	0.017323
2016	20.06.2025	LPG GANTRY CTMS BRANCH LINE -5	HOV-3-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
2017	20.06.2025	LPG GANTRY CTMS BRANCH LINE -5	HOV-3-down steam	Flange	0.9	1	100	0.000004	8760	0.037501
2018	20.06.2025	LPG GANTRY CTMS BRANCH LINE -5	HOV-4-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
2019	20.06.2025	LPG GANTRY CTMS BRANCH LINE -5	HOV-4-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
2020	20.06.2025	LPG GANTRY CTMS BRANCH LINE -6	MOV-1	Flange	0.0	1	100	0.000000	8760	0.000000
2021	20.06.2025	LPG GANTRY CTMS BRANCH LINE -6	MOV-1	Flange	0.0	1	100	0.000000	8760	0.000000
2022	20.06.2025	LPG GANTRY CTMS BRANCH LINE -6	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2023	20.06.2025	LPG GANTRY CTMS BRANCH LINE -6	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2024	20.06.2025	LPG GANTRY CTMS BRANCH LINE -6	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2025	20.06.2025	LPG GANTRY CTMS BRANCH LINE -6	PSV HOV (TRV-B00)	Flange	0.0	1	100	0.000000	8760	0.000000
2026	20.06.2025	LPG GANTRY CTMS BRANCH LINE -6	PSV HOV (TRV-B00)	Flange	0.0	1	100	0.000000	8760	0.000000
2027	20.06.2025	LPG GANTRY CTMS BRANCH LINE -6	PSV HOV (TRV-B00)	Flange	1.3	1	100	0.000006	8760	0.048563
2028	20.06.2025	LPG GANTRY CTMS BRANCH LINE -6	PSV HOV (TRV-B00)	Flange	99.0	1	100	0.000117	8760	1.021261
2029	20.06.2025	LPG GANTRY CTMS BRANCH LINE -6	FLOW METER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2030	20.06.2025	LPG GANTRY CTMS BRANCH LINE -6	FLOW METER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2031	20.06.2025	LPG GANTRY CTMS BRANCH LINE -6	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2032	20.06.2025	LPG GANTRY CTMS BRANCH LINE -6	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2033	20.06.2025	LPG GANTRY CTMS BRANCH LINE -6	DLV VALVE FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2034	20.06.2025	LPG GANTRY CTMS BRANCH LINE -6	DLV VALVE FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2035	20.06.2025	LPG GANTRY CTMS BRANCH LINE -6	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2036	20.06.2025	LPG GANTRY CTMS BRANCH LINE -6	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2037	20.06.2025	LPG GANTRY CTMS BRANCH LINE -6	HOV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
2038	20.06.2025	LPG GANTRY CTMS BRANCH LINE -6	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
2039	20.06.2025	LPG GANTRY CTMS BRANCH LINE -6	HOV-2-up steam ONE FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2040	20.06.2025	LPG GANTRY CTMS BRANCH LINE -7	MOV-1	Flange	0.0	1	100	0.000000	8760	0.000000
2041	20.06.2025	LPG GANTRY CTMS BRANCH LINE -7	MOV-1	Flange	0.0	1	100	0.000000	8760	0.000000
2042	20.06.2025	LPG GANTRY CTMS BRANCH LINE -7	STRAINER FLANGE	Flange	0.2	1	100	0.000001	8760	0.013027
2043	20.06.2025	LPG GANTRY CTMS BRANCH LINE -7	STRAINER FLANGE	Flange	0.1	1	100	0.000001	8760	0.008002
2044	20.06.2025	LPG GANTRY CTMS BRANCH LINE -7	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2045	20.06.2025	LPG GANTRY CTMS BRANCH LINE -7	PSV HOV (TRV-B007)	Flange	0.1	1	100	0.000001	8760	0.008002
2046	20.06.2025	LPG GANTRY CTMS BRANCH LINE -7	PSV HOV (TRV-B007)	Flange	0.0	1	100	0.000000	8760	0.000000
2047	20.06.2025	LPG GANTRY CTMS BRANCH LINE -7	PSV HOV (TRV-B007)	Flange	0.0	1	100	0.000000	8760	0.000000
2048	20.06.2025	LPG GANTRY CTMS BRANCH LINE -7	PSV HOV (TRV-B007)	Flange	0.1	1	100	0.000001	8760	0.008002
2049	20.06.2025	LPG GANTRY CTMS BRANCH LINE -7	FLOW METER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2050	20.06.2025	LPG GANTRY CTMS BRANCH LINE -7	FLOW METER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2051	20.06.2025	LPG GANTRY CTMS BRANCH LINE -7	MOV FLANGE	Flange	0.1	1	100	0.000001	8760	0.008002
2052	20.06.2025	LPG GANTRY CTMS BRANCH LINE -7	MOV FLANGE	Flange	0.3	1	100	0.000002	8760	0.017323
2053	20.06.2025	LPG GANTRY CTMS BRANCH LINE -7	DLV VALVE FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2054	20.06.2025	LPG GANTRY CTMS BRANCH LINE -7	DLV VALVE FLANGE	Flange	0.4	1	100	0.000002	8760	0.021206
2055	20.06.2025	LPG GANTRY CTMS BRANCH LINE -7	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2056	20.06.2025	LPG GANTRY CTMS BRANCH LINE -7	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2057	20.06.2025	LPG GANTRY CTMS BRANCH LINE -7	HOV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
2058	20.06.2025	LPG GANTRY CTMS BRANCH LINE -7	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
2059	20.06.2025	LPG GANTRY CTMS BRANCH LINE -7	HOV-2-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
2060	20.06.2025	LPG GANTRY CTMS BRANCH LINE -7	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
2061	20.06.2025	LPG GANTRY CTMS BRANCH LINE -7	HOV-3-up steam	Flange	0.2	1	100	0.000001	8760	0.013027
2062	20.06.2025	LPG GANTRY CTMS BRANCH LINE -7	HOV-3-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
2063	20.06.2025	LPG GANTRY CTMS BRANCH LINE -8	MOV-1	Flange	0.0	1	100	0.000000	8760	0.000000
2064	20.06.2025	LPG GANTRY CTMS BRANCH LINE -8	MOV-1	Flange	0.0	1	100	0.000000	8760	0.000000
2065	20.06.2025	LPG GANTRY CTMS BRANCH LINE -8	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2066	20.06.2025	LPG GANTRY CTMS BRANCH LINE -8	STRAINER FLANGE	Flange	0.2	1	100	0.000001	8760	0.013027
2067	20.06.2025	LPG GANTRY CTMS BRANCH LINE -8	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2068	20.06.2025	LPG GANTRY CTMS BRANCH LINE -8	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
2069	20.06.2025	LPG GANTRY CTMS BRANCH LINE -8	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
2070	20.06.2025	LPG GANTRY CTMS BRANCH LINE -8	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
2071	20.06.2025	LPG GANTRY CTMS BRANCH LINE -8	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
2072	20.06.2025	LPG GANTRY CTMS BRANCH LINE -8	FLOW METER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2073	20.06.2025	LPG GANTRY CTMS BRANCH LINE -8	FLOW METER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2074	20.06.2025	LPG GANTRY CTMS BRANCH LINE -8	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2075	20.06.2025	LPG GANTRY CTMS BRANCH LINE -8	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2076	20.06.2025	LPG GANTRY CTMS BRANCH LINE -8	DLV VALVE FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2077	20.06.2025	LPG GANTRY CTMS BRANCH LINE -8	DLV VALVE FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2078	20.06.2025	LPG GANTRY CTMS BRANCH LINE -8	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2079	20.06.2025	LPG GANTRY CTMS BRANCH LINE -8	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2080	20.06.2025	LPG GANTRY CTMS BRANCH LINE -9	MOV-1	Flange	0.4	1	100	0.000002	8760	0.021206
2081	20.06.2025	LPG GANTRY CTMS BRANCH LINE -9	MOV-1	Flange	0.0	1	100	0.000000	8760	0.000000
2082	20.06.2025	LPG GANTRY CTMS BRANCH LINE -9	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2083	20.06.2025	LPG GANTRY CTMS BRANCH LINE -9	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2084	20.06.2025	LPG GANTRY CTMS BRANCH LINE -9	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2085	20.06.2025	LPG GANTRY CTMS BRANCH LINE -9	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
2086	20.06.2025	LPG GANTRY CTMS BRANCH LINE -9	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
2087	20.06.2025	LPG GANTRY CTMS BRANCH LINE -9	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
2088	20.06.2025	LPG GANTRY CTMS BRANCH LINE -9	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
2089	20.06.2025	LPG GANTRY CTMS BRANCH LINE -9	FLOW METER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2090	20.06.2025	LPG GANTRY CTMS BRANCH LINE -9	FLOW METER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2091	20.06.2025	LPG GANTRY CTMS BRANCH LINE -9	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2092	20.06.2025	LPG GANTRY CTMS BRANCH LINE -9	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2093	20.06.2025	LPG GANTRY CTMS BRANCH LINE -9	DLV VALVE FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2094	20.06.2025	LPG GANTRY CTMS BRANCH LINE -9	DLV VALVE FLANGE	Flange	0.7	1	100	0.000004	8760	0.031427
2095	20.06.2025	LPG GANTRY CTMS BRANCH LINE -9	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2096	20.06.2025	LPG GANTRY CTMS BRANCH LINE -9	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2097	20.06.2025	LPG GANTRY CTMS BRANCH LINE -9	HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
2098	20.06.2025	LPG GANTRY CTMS BRANCH LINE -9	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
2099	20.06.2025	LPG GANTRY CTMS BRANCH LINE -10	MOV-1	Flange	0.0	1	100	0.000000	8760	0.000000
2100	20.06.2025	LPG GANTRY CTMS BRANCH LINE -10	MOV-1	Flange	0.0	1	100	0.000000	8760	0.000000
2101	20.06.2025	LPG GANTRY CTMS BRANCH LINE -10	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000

2102	20.06.2025	LPG GANTRY CTMS BRANCH LINE -10	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2103	20.06.2025	LPG GANTRY CTMS BRANCH LINE -10	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2104	20.06.2025	LPG GANTRY CTMS BRANCH LINE -10	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
2105	20.06.2025	LPG GANTRY CTMS BRANCH LINE -10	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
2106	20.06.2025	LPG GANTRY CTMS BRANCH LINE -10	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
2107	20.06.2025	LPG GANTRY CTMS BRANCH LINE -10	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
2108	20.06.2025	LPG GANTRY CTMS BRANCH LINE -10	FLOW METER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2109	20.06.2025	LPG GANTRY CTMS BRANCH LINE -10	FLOW METER FLANGE	Flange	0.8	1	100	0.000004	8760	0.034521
2110	20.06.2025	LPG GANTRY CTMS BRANCH LINE -10	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2111	20.06.2025	LPG GANTRY CTMS BRANCH LINE -10	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2112	20.06.2025	LPG GANTRY CTMS BRANCH LINE -10	DLV VALVE FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2113	20.06.2025	LPG GANTRY CTMS BRANCH LINE -10	DLV VALVE FLANGE	Flange	0.3	1	100	0.000002	8760	0.017323
2114	20.06.2025	LPG GANTRY CTMS BRANCH LINE -10	MOV FLANGE	Flange	0.2	1	100	0.000001	8760	0.013027
2115	20.06.2025	LPG GANTRY CTMS BRANCH LINE -10	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2116	20.06.2025	LPG GANTRY CTMS BRANCH LINE -10	HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
2117	20.06.2025	LPG GANTRY CTMS BRANCH LINE -10	HOV-1-down steam	Flange	0.1	1	100	0.000001	8760	0.008002
2118	20.06.2025	LPG GANTRY CTMS BRANCH LINE -10	HOV-2-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
2119	20.06.2025	LPG GANTRY CTMS BRANCH LINE -10	HOV-2-down steam	Flange	0.1	1	100	0.000001	8760	0.008002
2120	20.06.2025	LPG GANTRY CTMS BRANCH LINE -11	MOV-1	Flange	0.1	1	100	0.000001	8760	0.008002
2121	20.06.2025	LPG GANTRY CTMS BRANCH LINE -11	MOV-1	Flange	0.0	1	100	0.000000	8760	0.000000
2122	20.06.2025	LPG GANTRY CTMS BRANCH LINE -11	STRAINER FLANGE	Flange	0.1	1	100	0.000001	8760	0.008002
2123	20.06.2025	LPG GANTRY CTMS BRANCH LINE -11	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2124	20.06.2025	LPG GANTRY CTMS BRANCH LINE -11	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2125	20.06.2025	LPG GANTRY CTMS BRANCH LINE -11	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
2126	20.06.2025	LPG GANTRY CTMS BRANCH LINE -11	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
2127	20.06.2025	LPG GANTRY CTMS BRANCH LINE -11	PSV HOV	Flange	0.2	1	100	0.000001	8760	0.013027
2128	20.06.2025	LPG GANTRY CTMS BRANCH LINE -11	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
2129	20.06.2025	LPG GANTRY CTMS BRANCH LINE -11	FLOW METER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2130	20.06.2025	LPG GANTRY CTMS BRANCH LINE -11	FLOW METER FLANGE	Flange	0.9	1	100	0.000004	8760	0.037501
2131	20.06.2025	LPG GANTRY CTMS BRANCH LINE -11	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2132	20.06.2025	LPG GANTRY CTMS BRANCH LINE -11	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2133	20.06.2025	LPG GANTRY CTMS BRANCH LINE -11	DLV VALVE FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2134	20.06.2025	LPG GANTRY CTMS BRANCH LINE -11	DLV VALVE FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2135	20.06.2025	LPG GANTRY CTMS BRANCH LINE -11	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2136	20.06.2025	LPG GANTRY CTMS BRANCH LINE -11	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2137	20.06.2025	LPG GANTRY CTMS BRANCH LINE -11	HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
2138	20.06.2025	LPG GANTRY CTMS BRANCH LINE -11	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
2139	20.06.2025	LPG GANTRY CTMS BRANCH LINE -12	MOV-1	Flange	0.0	1	100	0.000000	8760	0.000000
2140	20.06.2025	LPG GANTRY CTMS BRANCH LINE -12	MOV-1	Flange	0.0	1	100	0.000000	8760	0.000000
2141	20.06.2025	LPG GANTRY CTMS BRANCH LINE -12	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2142	20.06.2025	LPG GANTRY CTMS BRANCH LINE -12	STRAINER FLANGE	Flange	1.5	1	100	0.000006	8760	0.053703
2143	20.06.2025	LPG GANTRY CTMS BRANCH LINE -12	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2144	20.06.2025	LPG GANTRY CTMS BRANCH LINE -12	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
2145	20.06.2025	LPG GANTRY CTMS BRANCH LINE -12	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
2146	20.06.2025	LPG GANTRY CTMS BRANCH LINE -12	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
2147	20.06.2025	LPG GANTRY CTMS BRANCH LINE -12	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
2148	20.06.2025	LPG GANTRY CTMS BRANCH LINE -12	FLOW METER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2149	20.06.2025	LPG GANTRY CTMS BRANCH LINE -12	FLOW METER FLANGE	Flange	2.4	1	100	0.000009	8760	0.074730
2150	20.06.2025	LPG GANTRY CTMS BRANCH LINE -12	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2151	20.06.2025	LPG GANTRY CTMS BRANCH LINE -12	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2152	20.06.2025	LPG GANTRY CTMS BRANCH LINE -12	DLV VALVE FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2153	20.06.2025	LPG GANTRY CTMS BRANCH LINE -12	DLV VALVE FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2154	20.06.2025	LPG GANTRY CTMS BRANCH LINE -12	MOV FLANGE	Flange	1.1	1	100	0.000005	8760	0.043182
2155	20.06.2025	LPG GANTRY CTMS BRANCH LINE -12	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2156	20.06.2025	LPG GANTRY CTMS BRANCH LINE -12	HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
2157	20.06.2025	LPG GANTRY CTMS BRANCH LINE -12	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
2158	20.06.2025	MASTER LINE FROM 12TH BRANCH LINE 6 MOVS	MOV-1-up steam B030	Flange	0.0	1	100	0.000000	8760	0.000000
2159	20.06.2025	MASTER LINE FROM 12TH BRANCH LINE 6 MOVS	MOV-1-down steam B030	Flange	0.0	1	100	0.000000	8760	0.000000
2160	20.06.2025	MASTER LINE FROM 12TH BRANCH LINE 6 MOVS	MOV-2-up steam B029	Flange	0.0	1	100	0.000000	8760	0.000000
2161	20.06.2025	MASTER LINE FROM 12TH BRANCH LINE 6 MOVS	MOV-2-down steam B029	Flange	2.4	1	100	0.000009	8760	0.074730
2162	20.06.2025	MASTER LINE FROM 12TH BRANCH LINE 6 MOVS	MOV-3-up steam B002	Flange	0.0	1	100	0.000000	8760	0.000000
2163	20.06.2025	MASTER LINE FROM 12TH BRANCH LINE 6 MOVS	MOV-3-down steam B002	Flange	0.3	1	100	0.000002	8760	0.017323
2164	20.06.2025	MASTER LINE FROM 12TH BRANCH LINE 6 MOVS	MOV-4-up steam B028	Flange	0.0	1	100	0.000000	8760	0.000000
2165	20.06.2025	MASTER LINE FROM 12TH BRANCH LINE 6 MOVS	MOV-4-down steam B028	Flange	0.1	1	100	0.000001	8760	0.008002
2166	20.06.2025	MASTER LINE FROM 12TH BRANCH LINE 6 MOVS	MOV-5-up steam B027	Flange	0.0	1	100	0.000000	8760	0.000000
2167	20.06.2025	MASTER LINE FROM 12TH BRANCH LINE 6 MOVS	MOV-5-down steam B027	Flange	0.0	1	100	0.000000	8760	0.000000
2168	20.06.2025	MASTER LINE FROM 12TH BRANCH LINE 6 MOVS	FV UP STEAM B002	Flange	0.0	1	100	0.000000	8760	0.000000
2169	20.06.2025	MASTER LINE FROM 12TH BRANCH LINE 6 MOVS	FV DOWN STEAM B002	Flange	0.0	1	100	0.000000	8760	0.000000
2170	20.06.2025	MASTER LINE FLANGES	MASTER LINE 1	Flange	0.1	1	100	0.000001	8760	0.008002
2171	20.06.2025	MASTER LINE FLANGES	MASTER LINE 2	Flange	0.3	1	100	0.000002	8760	0.017323
2172	20.06.2025	MASTER LINE FLANGES	MASTER LINE 3	Flange	0.0	1	100	0.000000	8760	0.000000
2173	20.06.2025	MASTER LINE FLANGES	S.NO G03347 UP STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
2174	20.06.2025	MASTER LINE FLANGES	S.NO G03347 DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2175	20.06.2025	MASTER LINE FLANGES	S.NO G03292 UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2176	20.06.2025	MASTER LINE FLANGES	S.NO G03292 DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2177	20.06.2025	MASTER LINE FLANGES	S.NO G03367 UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2178	20.06.2025	MASTER LINE FLANGES	S.NO G03367 DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2179	20.06.2025	MASTER LINE FLANGES	S.NO TGB017 UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2180	20.06.2025	MASTER LINE FLANGES	S.NO TGB017 DOWN STEAM	Flange	0.4	1	100	0.000002	8760	0.021206
2181	20.06.2025	MASTER LINE FLANGES	TE B014	Flange	0.0	1	100	0.000000	8760	0.000000
2182	20.06.2025	MASTER LINE FLANGES	PI B017 up steam	Flange	0.0	1	100	0.000000	8760	0.000000
2183	20.06.2025	MASTER LINE FLANGES	PI B017down steam	Flange	0.0	1	100	0.000000	8760	0.000000
2184	20.06.2025	MASTER LINE FLANGES	PT B014 up steam	Flange	0.5	1	100	0.000003	8760	0.024807
2185	20.06.2025	MASTER LINE FLANGES	PT B014 down steam	Flange	0.0	1	100	0.000000	8760	0.000000
2186	20.06.2025	MASTER LINE FLANGES	S. NO. G03362 up steam	Flange	0.0	1	100	0.000000	8760	0.000000
2187	20.06.2025	MASTER LINE FLANGES	S. NO. G03362 down steam	Flange	0.3	1	100	0.000002	8760	0.017323
2188	20.06.2025	MASTER LINE FLANGES	S. NO. G04642 up steam	Flange	0.0	1	100	0.000000	8760	0.000000

2189	20.06.2025	MASTER LINE FLANGES	S. NO. G04642 down steam	Flange	0.0	1	100	0.000000	8760	0.000000
2190	20.06.2025	MASTER LINE FLANGES	S. NO. G04642 up steam	Flange	0.0	1	100	0.000000	8760	0.000000
2191	20.06.2025	MASTER LINE FLANGES	S. NO. G04642 down steam	Flange	0.0	1	100	0.000000	8760	0.000000
2192	20.06.2025	MASTER LINE FLANGES	S. NO. G03372 up steam	Flange	0.0	1	100	0.000000	8760	0.000000
2193	20.06.2025	MASTER LINE FLANGES	S. NO. G03372 down steam	Flange	0.0	1	100	0.000000	8760	0.000000
2194	20.06.2025	MASTER LINE FLANGES	G05183 up stream	Flange	0.0	1	100	0.000000	8760	0.000000
2195	20.06.2025	MASTER LINE FLANGES	G05183 down stream	Flange	0.0	1	100	0.000000	8760	0.000000
2196	20.06.2025	MASTER LINE FLANGES	G05183 up stream	Flange	0.0	1	100	0.000000	8760	0.000000
2197	20.06.2025	MASTER LINE FLANGES	G05183 down stream	Flange	0.0	1	100	0.000000	8760	0.000000
2198	20.06.2025	MASTER LINE FLANGES	G05183 up stream	Flange	0.0	1	100	0.000000	8760	0.000000
2199	20.06.2025	MASTER LINE FLANGES	G05183 down stream	Flange	0.0	1	100	0.000000	8760	0.000000
2200	20.06.2025	MASTER LINE FLANGES	G05183 up stream	Flange	0.2	1	100	0.000001	8760	0.013027
2201	20.06.2025	MASTER LINE FLANGES	G05183 down stream	Flange	0.0	1	100	0.000000	8760	0.000000
2202	20.06.2025	MASTER LINE FLANGES	G05183 up stream	Flange	0.0	1	100	0.000000	8760	0.000000
2203	20.06.2025	MASTER LINE-2	master line flange	Flange	0.0	1	100	0.000000	8760	0.000000
2204	20.06.2025	MASTER LINE-2	master line flange	Flange	0.4	1	100	0.000002	8760	0.021206
2205	20.06.2025	MASTER LINE-2	master line flange	Flange	0.0	1	100	0.000000	8760	0.000000
2206	20.06.2025	MASTER LINE-2	G03299 up steam	Flange	0.5	1	100	0.000003	8760	0.024807
2207	20.06.2025	MASTER LINE-2	G03299 down steam	Flange	0.3	1	100	0.000002	8760	0.017323
2208	20.06.2025	MASTER LINE-2	G03299 up steam	Flange	0.1	1	100	0.000001	8760	0.008002
2209	20.06.2025	MASTER LINE-2	G03299 down steam	Flange	0.3	1	100	0.000002	8760	0.017323
2210	20.06.2025	MASTER LINE-2	G06169 up steam	Flange	0.0	1	100	0.000000	8760	0.000000
2211	20.06.2025	MASTER LINE-2	G06169 DOWN steam	Flange	0.0	1	100	0.000000	8760	0.000000
2212	20.06.2025	MASTER LINE-2	G03329 upsteam	Flange	0.5	1	100	0.000003	8760	0.024807
2213	20.06.2025	MASTER LINE-2	G03329 downsteam	Flange	0.0	1	100	0.000000	8760	0.000000
2214	20.06.2025	MASTER LINE-2	G05177 upsteam	Flange	0.0	1	100	0.000000	8760	0.000000
2215	20.06.2025	MASTER LINE-2	G05177 downsteam	Flange	0.0	1	100	0.000000	8760	0.000000
2216	20.06.2025	MASTER LINE-2	G03289 upsteam	Flange	0.0	1	100	0.000000	8760	0.000000
2217	20.06.2025	MASTER LINE-2	G03289 downsteam	Flange	0.0	1	100	0.000000	8760	0.000000
2218	20.06.2025	MASTER LINE-2	C85R2 (885263)	Flange	0.0	1	100	0.000000	8760	0.000000
2219	20.06.2025	MASTER LINE-2	C85R2 (885263)	Flange	0.4	1	100	0.000002	8760	0.021206
2220	20.06.2025	MASTER LINE-2	C85R2 (885263)	Flange	0.0	1	100	0.000000	8760	0.000000
2221	20.06.2025	MASTER LINE-2	C85R2 (885263)	Flange	0.1	1	100	0.000001	8760	0.008002
2222	20.06.2025	MASTER LINE-2	C85R2 (885263)	Flange	0.0	1	100	0.000000	8760	0.000000
2223	20.06.2025	MASTER LINE-2	TG - B048	Flange	0.0	1	100	0.000000	8760	0.000000
2224	20.06.2025	MASTER LINE-2	TG - B048	Flange	0.0	1	100	0.000000	8760	0.000000
2225	20.06.2025	MASTER LINE-2	TE- B047	Flange	0.5	1	100	0.000003	8760	0.024807
2226	20.06.2025	MASTER LINE-2	PI-B028 upsteam	Flange	0.0	1	100	0.000000	8760	0.000000
2227	20.06.2025	MASTER LINE-2	PI-B028 downsteam	Flange	0.0	1	100	0.000000	8760	0.000000
2228	20.06.2025	MASTER LINE-2	PT-B027 UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
2229	20.06.2025	MASTER LINE-2	PT-B027DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2230	20.06.2025	MASTER LINE-2	G03334 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2231	20.06.2025	MASTER LINE-2	G03334 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2232	20.06.2025	MASTER LINE-2	G04653 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2233	20.06.2025	MASTER LINE-2	G04653 DOWNSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
2234	20.06.2025	MASTER LINE-2	G04653 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2235	20.06.2025	MASTER LINE-2	G04653 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2236	20.06.2025	MASTER LINE-2	G04653 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2237	20.06.2025	NAPHTHA TANK NO 7 INSIDE DYKE	RECIRCULATION MOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2238	20.06.2025	NAPHTHA TANK NO 7 INSIDE DYKE	RECIRCULATION MOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2239	20.06.2025	NAPHTHA TANK NO 7 INSIDE DYKE	INLET XZV 5088 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2240	20.06.2025	NAPHTHA TANK NO 7 INSIDE DYKE	INLET XZV 5088 DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2241	20.06.2025	NAPHTHA TANK NO 7 INSIDE DYKE	MINIMUM FLOW HEADER MOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2242	20.06.2025	NAPHTHA TANK NO 7 INSIDE DYKE	MINIMUM FLOW HEADER MOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2243	20.06.2025	NAPHTHA TANK NO 7 INSIDE DYKE	SUMP DRAIN - 1 HOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2244	20.06.2025	NAPHTHA TANK NO 7 INSIDE DYKE	SUMP DRAIN - 1 HOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2245	25.06.2025	NAPHTHA TANK NO 7 INSIDE DYKE	SUMP DRAIN - 1 HOV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2246	25.06.2025	NAPHTHA TANK NO 7 INSIDE DYKE	SUMP DRAIN - 1 HOV 2 DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
2247	25.06.2025	NAPHTHA TANK NO 7 INSIDE DYKE	SUMP DRAIN - 1 HOV 3 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2248	25.06.2025	NAPHTHA TANK NO 7 INSIDE DYKE	SUMP DRAIN - 1 HOV 3 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2249	25.06.2025	NAPHTHA TANK NO 7 INSIDE DYKE	SUMP DRAIN - 2 HOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2250	25.06.2025	NAPHTHA TANK NO 7 INSIDE DYKE	SUMP DRAIN - 2 HOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2251	25.06.2025	NAPHTHA TANK NO 7 INSIDE DYKE	SUMP DRAIN - 2 HOV 2 UPSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
2252	25.06.2025	NAPHTHA TANK NO 7 INSIDE DYKE	SUMP DRAIN - 2 HOV 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2253	25.06.2025	NAPHTHA TANK NO 7 INSIDE DYKE	SUMP DRAIN - 2 HOV 3 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2254	25.06.2025	NAPHTHA TANK NO 7 INSIDE DYKE	SUMP DRAIN - 2 HOV 3 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2255	25.06.2025	NAPHTHA TANK NO 7 INSIDE DYKE	PESSURE TRANSMITTER HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2256	25.06.2025	NAPHTHA TANK NO 7 INSIDE DYKE	PESSURE TRANSMITTER HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2257	25.06.2025	NAPHTHA TANK NO 7 INSIDE DYKE	MAN HOLE - 1	Flange	0.0	1	100	0.000000	8760	0.000000
2258	25.06.2025	NAPHTHA TANK NO 7 INSIDE DYKE	MAN HOLE - 2	Flange	0.0	1	100	0.000000	8760	0.000000
2259	25.06.2025	NAPHTHA TANK NO 7 INSIDE DYKE	MAN HOLE - 3	Flange	0.0	1	100	0.000000	8760	0.000000
2260	25.06.2025	NAPHTHA TANK NO 7 INSIDE DYKE	MAN HOLE - 4	Flange	0.0	1	100	0.000000	8760	0.000000
2261	25.06.2025	NAPHTHA TANK NO 7 INSIDE DYKE	HEEL STRPING MOV UPSTEAM	Flange	6.3	1	100	0.000017	8760	0.147279
2262	25.06.2025	NAPHTHA TANK NO 7 INSIDE DYKE	HEEL STRPING MOV DOWNSTEAM	Flange	1.4	1	100	0.000006	8760	0.051160
2263	25.06.2025	NAPHTHA TANK NO 7 INSIDE DYKE	OUTLET XZV 5054 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2264	25.06.2025	NAPHTHA TANK NO 7 INSIDE DYKE	OUTLET XZV 5054 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2265	25.06.2025	NAPHTHA TANK NO 7 INSIDE DYKE	CLEAN OUT DOOR	Flange	0.0	1	100	0.000000	8760	0.000000
2266	25.06.2025	NAPHTHA TANK NO 7 INSIDE DYKE	OUTLET BODY FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2267	25.06.2025	NAPHTHA TANK NO 7 INSIDE DYKE	SPECTACLE BLIND UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2268	25.06.2025	NAPHTHA TANK NO 7 INSIDE DYKE	SPECTACLE BLIND DOWNSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
2269	25.06.2025	OUTSIDE DYKE	INLET HEADER MOV UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
2270	25.06.2025	OUTSIDE DYKE	INLET HEADER MOV DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
2271	25.06.2025	OUTSIDE DYKE	INLET HEADER PSV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2272	25.06.2025	OUTSIDE DYKE	INLET HEADER PSV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2273	25.06.2025	OUT SIDE DYKE	STREAM HOV - 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2274	25.06.2025	OUT SIDE DYKE	STREAM HOV - 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2275	25.06.2025	OUT SIDE DYKE	STREAM HOV - 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000

2276	25.06.2025	OUT SIDE DYKE	STREAM HOV - 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2277	25.06.2025	MOVS CONNECTED TO INLET	MOV - 1 UPSTEAM (205-MOV-0030)	Flange	0.0	1	100	0.000000	8760	0.000000
2278	25.06.2025	MOVS CONNECTED TO INLET	MOV - 1 DOWNSTEAM (205-MOV-0030)	Flange	0.0	1	100	0.000000	8760	0.000000
2279	25.06.2025	MOVS CONNECTED TO INLET	MOV - 2 UPSTEAM (205-MOV-0025)	Flange	0.0	1	100	0.000000	8760	0.000000
2280	25.06.2025	MOVS CONNECTED TO INLET	MOV - 2 DOWNSTEAM(205-MOV-0025)	Flange	0.0	1	100	0.000000	8760	0.000000
2281	25.06.2025	MOVS CONNECTED TO INLET	MOV - 3 UPSTEAM(205-MOV-0028)	Flange	0.0	1	100	0.000000	8760	0.000000
2282	25.06.2025	MOVS CONNECTED TO INLET	MOV - 3 DOWNSTEAM(205-MOV-0028)	Flange	0.0	1	100	0.000000	8760	0.000000
2283	25.06.2025	MOVS CONNECTED TO INLET	MOV - 4 UPSTEAM(205-MOV-0026)	Flange	0.0	1	100	0.000000	8760	0.000000
2284	25.06.2025	MOVS CONNECTED TO INLET	MOV - 4 DOWNSTEAM(205-MOV-0026)	Flange	0.0	1	100	0.000000	8760	0.000000
2285	25.06.2025	MOVS CONNECTED TO INLET	MOV - 5 UPSTEAM(205-MOV-0027)	Flange	0.0	1	100	0.000000	8760	0.000000
2286	25.06.2025	MOVS CONNECTED TO INLET	MOV - 5 DOWNSTEAM(205-MOV-0027)	Flange	0.3	1	100	0.000002	8760	0.017323
2287	25.06.2025	MOVS CONNECTED TO INLET	NRV - 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2288	25.06.2025	MOVS CONNECTED TO INLET	NRV - 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2289	25.06.2025	MOVS CONNECTED TO INLET	NRV - 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2290	25.06.2025	MOVS CONNECTED TO INLET	NRV - 2 DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
2291	25.06.2025	MOVS CONNECTED TO INLET	NRV - 3 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2292	25.06.2025	MOVS CONNECTED TO INLET	NRV - 3 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2293	25.06.2025	MOVS CONNECTED TO INLET	NRV - 4 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2294	25.06.2025	MOVS CONNECTED TO INLET	NRV - 4 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2295	25.06.2025	MOVS CONNECTED TO INLET	NRV - 5 UPSTEAM	Flange	0.4	1	100	0.000002	8760	0.021206
2296	25.06.2025	MOVS CONNECTED TO INLET	NRV - 5 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2297	25.06.2025	MOVS CONNECTED TO INLET	MOV - 1 UPSTEAM(205-MOV-0633)	Flange	0.0	1	100	0.000000	8760	0.000000
2298	25.06.2025	MOVS CONNECTED TO INLET	MOV - 1 DOWNSTEAM(205-MOV-0633)	Flange	0.0	1	100	0.000000	8760	0.000000
2299	25.06.2025	MOVS CONNECTED TO INLET	MOV - 2 UPSTEAM(205-MOV-0636)	Flange	0.0	1	100	0.000000	8760	0.000000
2300	25.06.2025	MOVS CONNECTED TO INLET	MOV - 2 DOWNSTEAM(205-MOV-0636)	Flange	0.0	1	100	0.000000	8760	0.000000
2301	25.06.2025	MOVS CONNECTED TO INLET	ITT HEADER HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2302	25.06.2025	MOVS CONNECTED TO INLET	ITT HEADER HOV DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
2303	25.06.2025	MOVS CONNECTED TO INLET	RECIRCULATION MOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2304	25.06.2025	MOVS CONNECTED TO INLET	RECIRCULATION MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2305	25.06.2025	MOVS CONNECTED TO INLET	MFA FROM DOSING SKIT MOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2306	25.06.2025	MOVS CONNECTED TO INLET	MFA FROM DOSING SKIT MOV DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
2307	25.06.2025	MOVS CONNECTED TO INLET	OUTLET HEADER MOV UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
2308	25.06.2025	MOVS CONNECTED TO INLET	OUTLET HEADER MOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2309	25.06.2025	MOVS CONNECTED TO INLET	HEEL STRPING MOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2310	25.06.2025	MOVS CONNECTED TO INLET	HEEL STRPING MOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2311	25.06.2025	MOVS CONNECTED TO INLET	OUTLET HEADER PSV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2312	25.06.2025	MOVS CONNECTED TO INLET	OUTLET HEADER PSV DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
2313	25.06.2025	MOVS CONNECTED TO INLET	STREAM HOV - 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2314	25.06.2025	MOVS CONNECTED TO INLET	STREAM HOV - 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2315	25.06.2025	MOVS CONNECTED TO INLET	STREAM HOV - 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2316	25.06.2025	MOVS CONNECTED TO INLET	STREAM HOV - 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2317	25.06.2025	NAPHTHA TANK NO 7 TANK TOP	RIM SEAL EAST	Flange	2.3	1	100	0.000008	8760	0.072527
2318	25.06.2025	NAPHTHA TANK NO 7 TANK TOP	RIM SEAL WEST	Flange	4.1	1	100	0.000012	8760	0.108891
2319	25.06.2025	NAPHTHA TANK NO 7 TANK TOP	RIM SEAL NORTH	Flange	0.9	1	100	0.000004	8760	0.037501
2320	25.06.2025	NAPHTHA TANK NO 7 TANK TOP	RIM SEAL SOUTH	Flange	1.5	1	100	0.000006	8760	0.053703
2321	25.06.2025	NAPHTHA TANK NO 7 TANK TOP	DIPHATCH	Flange	0.9	1	100	0.000004	8760	0.037501
2322	25.06.2025	NAPHTHA TANK NO 6 INSIDE DYKE	RECIRCULATION MOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2323	25.06.2025	NAPHTHA TANK NO 6 INSIDE DYKE	RECIRCULATION MOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2324	25.06.2025	NAPHTHA TANK NO 6 INSIDE DYKE	INLET XZV 5088 UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
2325	25.06.2025	NAPHTHA TANK NO 6 INSIDE DYKE	INLET XZV 5088 DOWN STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
2326	25.06.2025	NAPHTHA TANK NO 6 INSIDE DYKE	MINIMUM FLOW HEADER MOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2327	25.06.2025	NAPHTHA TANK NO 6 INSIDE DYKE	MINIMUM FLOW HEADER MOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2328	25.06.2025	NAPHTHA TANK NO 6 INSIDE DYKE	SUMP DRAIN - 1 HOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2329	25.06.2025	NAPHTHA TANK NO 6 INSIDE DYKE	SUMP DRAIN - 1 HOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2330	25.06.2025	NAPHTHA TANK NO 6 INSIDE DYKE	SUMP DRAIN - 1 HOV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2331	25.06.2025	NAPHTHA TANK NO 6 INSIDE DYKE	SUMP DRAIN - 1 HOV 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2332	25.06.2025	NAPHTHA TANK NO 6 INSIDE DYKE	SUMP DRAIN - 1 HOV 3 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2333	25.06.2025	NAPHTHA TANK NO 6 INSIDE DYKE	SUMP DRAIN - 1 HOV 3 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2334	25.06.2025	NAPHTHA TANK NO 6 INSIDE DYKE	SUMP DRAIN - 2 HOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2335	25.06.2025	NAPHTHA TANK NO 6 INSIDE DYKE	SUMP DRAIN - 2 HOV 1 DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
2336	25.06.2025	NAPHTHA TANK NO 6 INSIDE DYKE	SUMP DRAIN - 2 HOV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2337	25.06.2025	NAPHTHA TANK NO 6 INSIDE DYKE	SUMP DRAIN - 2 HOV 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2338	25.06.2025	NAPHTHA TANK NO 6 INSIDE DYKE	SUMP DRAIN - 2 HOV 3 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2339	25.06.2025	NAPHTHA TANK NO 6 INSIDE DYKE	SUMP DRAIN - 2 HOV 3 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2340	25.06.2025	NAPHTHA TANK NO 6 INSIDE DYKE	PESSURE TRANSMITTER HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2341	25.06.2025	NAPHTHA TANK NO 6 INSIDE DYKE	PESSURE TRANSMITTER HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2342	25.06.2025	NAPHTHA TANK NO 6 INSIDE DYKE	MAN HOLE - 1	Flange	0.0	1	100	0.000000	8760	0.000000
2343	25.06.2025	NAPHTHA TANK NO 6 INSIDE DYKE	MAN HOLE - 2	Flange	0.0	1	100	0.000000	8760	0.000000
2344	25.06.2025	NAPHTHA TANK NO 6 INSIDE DYKE	MAN HOLE - 3	Flange	0.0	1	100	0.000000	8760	0.000000
2345	25.06.2025	NAPHTHA TANK NO 6 INSIDE DYKE	MAN HOLE - 4	Flange	0.0	1	100	0.000000	8760	0.000000
2346	25.06.2025	NAPHTHA TANK NO 6 INSIDE DYKE	HEEL STRPING MOV UPSTEAM	Flange	8.1	1	100	0.000020	8760	0.175740
2347	25.06.2025	NAPHTHA TANK NO 6 INSIDE DYKE	HEEL STRPING MOV DOWNSTEAM	Flange	9.0	1	100	0.000022	8760	0.189251
2348	25.06.2025	NAPHTHA TANK NO 6 INSIDE DYKE	OUTLET XZV 5052 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2349	25.06.2025	NAPHTHA TANK NO 6 INSIDE DYKE	OUTLET XZV 5052 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2350	25.06.2025	NAPHTHA TANK NO 6 INSIDE DYKE	CLEAN OUT DOOR	Flange	0.0	1	100	0.000000	8760	0.000000
2351	25.06.2025	NAPHTHA TANK NO 6 INSIDE DYKE	OUTLET BODY FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2352	25.06.2025	NAPHTHA TANK NO 6 INSIDE DYKE	SPECTACLE BLIND UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
2353	25.06.2025	NAPHTHA TANK NO 6 INSIDE DYKE	SPECTACLE BLIND DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2354	25.06.2025	OUTSIDE DYKE	INLET HEADER MOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2355	25.06.2025	OUTSIDE DYKE	INLET HEADER MOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2356	25.06.2025	OUTSIDE DYKE	INLET HEADER PSV UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
2357	25.06.2025	OUTSIDE DYKE	INLET HEADER PSV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2358	25.06.2025	OUT SIDE DYKE	STREAM HOV - 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2359	25.06.2025	OUT SIDE DYKE	STREAM HOV - 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2360	25.06.2025	OUT SIDE DYKE	STREAM HOV - 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2361	25.06.2025	OUT SIDE DYKE	STREAM HOV - 2 DOWNSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
2362	25.06.2025	MOVS CONNECTED TO INLET	MOV - 1 UPSTEAM(205-MOV-0024)	Flange	0.0	1	100	0.000000	8760	0.000000

2363	25.06.2025	MOVS CONNECTED TO INLET	MOV - 1 DOWNSTEAM(205-MOV-0024)	Flange	0.0	1	100	0.000000	8760	0.000000
2364	25.06.2025	MOVS CONNECTED TO INLET	MOV - 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2365	25.06.2025	MOVS CONNECTED TO INLET	MOV - 2 DOWNSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
2366	25.06.2025	MOVS CONNECTED TO INLET	MOV - 3 UPSTEAM(205-MOV-0022)	Flange	0.0	1	100	0.000000	8760	0.000000
2367	25.06.2025	MOVS CONNECTED TO INLET	MOV - 3 DOWNSTEAM(205-MOV-0022)	Flange	0.0	1	100	0.000000	8760	0.000000
2368	25.06.2025	MOVS CONNECTED TO INLET	MOV - 4 UPSTEAM(205-MOV-0020)	Flange	0.0	1	100	0.000000	8760	0.000000
2369	25.06.2025	MOVS CONNECTED TO INLET	MOV - 4 DOWNSTEAM(205-MOV-0020)	Flange	0.0	1	100	0.000000	8760	0.000000
2370	25.06.2025	MOVS CONNECTED TO INLET	MOV - 5 UPSTEAM(205-MOV-0021)	Flange	0.0	1	100	0.000000	8760	0.000000
2371	25.06.2025	MOVS CONNECTED TO INLET	MOV - 5 DOWNSTEAM(205-MOV-0021)	Flange	0.6	1	100	0.000003	8760	0.028200
2372	25.06.2025	MOVS CONNECTED TO INLET	NRV - 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2373	25.06.2025	MOVS CONNECTED TO INLET	NRV - 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2374	25.06.2025	MOVS CONNECTED TO INLET	NRV - 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2375	25.06.2025	MOVS CONNECTED TO INLET	NRV - 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2376	25.06.2025	MOVS CONNECTED TO INLET	NRV - 3 UPSTEAM	Flange	0.3	1	100	0.000002	8760	0.017323
2377	25.06.2025	MOVS CONNECTED TO INLET	NRV - 3 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2378	25.06.2025	MOVS CONNECTED TO INLET	NRV - 4 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2379	25.06.2025	MOVS CONNECTED TO INLET	NRV - 4 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2380	25.06.2025	MOVS CONNECTED TO INLET	NRV - 5 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2381	25.06.2025	MOVS CONNECTED TO INLET	NRV - 5 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2382	25.06.2025	MOVS CONNECTED TO INLET	PUMP DISCHARGE HEADER MOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2383	25.06.2025	MOVS CONNECTED TO INLET	PUMP DISCHARGE HEADER MOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2384	25.06.2025	MOVS CONNECTED TO INLET	MOV - 1 UPSTEAM(205-MOV-0629)	Flange	0.0	1	100	0.000000	8760	0.000000
2385	25.06.2025	MOVS CONNECTED TO INLET	MOV - 1 DOWNSTEAM(205-MOV-0629)	Flange	0.0	1	100	0.000000	8760	0.000000
2386	25.06.2025	MOVS CONNECTED TO INLET	MOV - 2 UPSTEAM(205-MOV-0632)	Flange	0.0	1	100	0.000000	8760	0.000000
2387	25.06.2025	MOVS CONNECTED TO INLET	MOV - 2 DOWNSTEAM(205-MOV-0632)	Flange	0.0	1	100	0.000000	8760	0.000000
2388	25.06.2025	MOVS CONNECTED TO INLET	ITT HEADER HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2389	25.06.2025	MOVS CONNECTED TO INLET	ITT HEADER HOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2390	25.06.2025	MOVS CONNECTED TO INLET	RECIRCULATION MOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2391	25.06.2025	MOVS CONNECTED TO INLET	RECIRCULATION MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2392	25.06.2025	MOVS CONNECTED TO INLET	MFA FROM DOSING SKIT MOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2393	25.06.2025	MOVS CONNECTED TO INLET	MFA FROM DOSING SKIT MOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2394	25.06.2025	MOVS CONNECTED TO INLET	OUTLET HEADER MOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2395	25.06.2025	MOVS CONNECTED TO INLET	OUTLET HEADER MOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2396	25.06.2025	MOVS CONNECTED TO INLET	HEEL STRPING MOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2397	25.06.2025	MOVS CONNECTED TO INLET	HEEL STRPING MOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2398	25.06.2025	MOVS CONNECTED TO INLET	OUTLET HEADER PSV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2399	25.06.2025	MOVS CONNECTED TO INLET	OUTLET HEADER PSV DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
2400	25.06.2025	MOVS CONNECTED TO INLET	STREAM HOV - 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2401	25.06.2025	MOVS CONNECTED TO INLET	STREAM HOV - 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2402	25.06.2025	MOVS CONNECTED TO INLET	STREAM HOV - 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2403	25.06.2025	MOVS CONNECTED TO INLET	STREAM HOV - 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2404	25.06.2025	NAPHTHA TANK NO 6 TANK TOP	RIM SEAL EAST	Flange	3.2	1	100	0.000010	8760	0.091480
2405	25.06.2025	NAPHTHA TANK NO 6 TANK TOP	RIM SEAL WEST	Flange	0.9	1	100	0.000004	8760	0.037501
2406	25.06.2025	NAPHTHA TANK NO 6 TANK TOP	RIM SEAL NORTH	Flange	0.8	1	100	0.000004	8760	0.034521
2407	25.06.2025	NAPHTHA TANK NO 6 TANK TOP	RIM SEAL SOUTH	Flange	1.4	1	100	0.000006	8760	0.051160
2408	25.06.2025	NAPHTHA TANK NO 6 TANK TOP	DIPHATCH	Flange	0.2	1	100	0.000001	8760	0.013027
2409	25.06.2025	NAPHTHA TANK NO 5 INSIDE DYKE	RECIRCULATION MOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2410	25.06.2025	NAPHTHA TANK NO 5 INSIDE DYKE	RECIRCULATION MOV DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
2411	25.06.2025	NAPHTHA TANK NO 5 INSIDE DYKE	INLET XZV 5003 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2412	25.06.2025	NAPHTHA TANK NO 5 INSIDE DYKE	INLET XZV 5003 DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2413	25.06.2025	NAPHTHA TANK NO 5 INSIDE DYKE	MINIMUM FLOW HEADER MOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2414	25.06.2025	NAPHTHA TANK NO 5 INSIDE DYKE	MINIMUM FLOW HEADER MOV DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
2415	25.06.2025	NAPHTHA TANK NO 5 INSIDE DYKE	SUMP DRAIN - 1 HOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2416	25.06.2025	NAPHTHA TANK NO 5 INSIDE DYKE	SUMP DRAIN - 1 HOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2417	25.06.2025	NAPHTHA TANK NO 5 INSIDE DYKE	SUMP DRAIN - 1 HOV 2 UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
2418	25.06.2025	NAPHTHA TANK NO 5 INSIDE DYKE	SUMP DRAIN - 1 HOV 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2419	25.06.2025	NAPHTHA TANK NO 5 INSIDE DYKE	SUMP DRAIN - 1 HOV 3 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2420	25.06.2025	NAPHTHA TANK NO 5 INSIDE DYKE	SUMP DRAIN - 1 HOV 3 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2421	25.06.2025	NAPHTHA TANK NO 5 INSIDE DYKE	SUMP DRAIN - 2 HOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2422	25.06.2025	NAPHTHA TANK NO 5 INSIDE DYKE	SUMP DRAIN - 2 HOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2423	25.06.2025	NAPHTHA TANK NO 5 INSIDE DYKE	SUMP DRAIN - 2 HOV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2424	25.06.2025	NAPHTHA TANK NO 5 INSIDE DYKE	SUMP DRAIN - 2 HOV 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2425	25.06.2025	NAPHTHA TANK NO 5 INSIDE DYKE	SUMP DRAIN - 2 HOV 3 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2426	25.06.2025	NAPHTHA TANK NO 5 INSIDE DYKE	SUMP DRAIN - 2 HOV 3 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2427	25.06.2025	NAPHTHA TANK NO 5 INSIDE DYKE	PESSURE TRANSMITTER HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2428	25.06.2025	NAPHTHA TANK NO 5 INSIDE DYKE	PESSURE TRANSMITTER HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2429	25.06.2025	NAPHTHA TANK NO 5 INSIDE DYKE	MAN HOLE - 1	Flange	0.0	1	100	0.000000	8760	0.000000
2430	25.06.2025	NAPHTHA TANK NO 5 INSIDE DYKE	MAN HOLE - 2	Flange	0.0	1	100	0.000000	8760	0.000000
2431	25.06.2025	NAPHTHA TANK NO 5 INSIDE DYKE	MAN HOLE - 3	Flange	0.0	1	100	0.000000	8760	0.000000
2432	25.06.2025	NAPHTHA TANK NO 5 INSIDE DYKE	MAN HOLE - 4	Flange	0.0	1	100	0.000000	8760	0.000000
2433	25.06.2025	NAPHTHA TANK NO 5 INSIDE DYKE	HEEL STRPING MOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2434	25.06.2025	NAPHTHA TANK NO 5 INSIDE DYKE	HEEL STRPING MOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2435	25.06.2025	NAPHTHA TANK NO 5 INSIDE DYKE	OUTLET XZV 5004 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2436	25.06.2025	NAPHTHA TANK NO 5 INSIDE DYKE	OUTLET XZV 5004 DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
2437	25.06.2025	NAPHTHA TANK NO 5 INSIDE DYKE	CLEAN OUT DOOR	Flange	0.0	1	100	0.000000	8760	0.000000
2438	25.06.2025	NAPHTHA TANK NO 5 INSIDE DYKE	OUTLET BODY FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2439	25.06.2025	NAPHTHA TANK NO 5 INSIDE DYKE	SPECTACLE BLIND UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2440	25.06.2025	NAPHTHA TANK NO 5 INSIDE DYKE	SPECTACLE BLIND DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2441	25.06.2025	OUTSIDE DYKE	INLET HEADER MOV UPSTEAM(205-MOV-0016)	Flange	0.0	1	100	0.000000	8760	0.000000
2442	25.06.2025	OUTSIDE DYKE	INLET HEADER MOV DOWNSTEAM(205-MOV-0016)	Flange	0.2	1	100	0.000001	8760	0.013027
2443	25.06.2025	OUTSIDE DYKE	INLET HEADER PSV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2444	25.06.2025	OUTSIDE DYKE	INLET HEADER PSV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2445	25.06.2025	OUT SIDE DYKE	STREAM HOV - 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2446	25.06.2025	OUT SIDE DYKE	STREAM HOV - 1 DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
2447	25.06.2025	OUT SIDE DYKE	STREAM HOV - 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2448	25.06.2025	OUT SIDE DYKE	STREAM HOV - 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2449	25.06.2025	MOVS CONNECTED TO INLET	MOV - 1 UPSTEAM(205-MOV-0012)	Flange	0.0	1	100	0.000000	8760	0.000000

2450	25.06.2025	MOVS CONNECTED TO INLET	MOV - 1 DOWNSTEAM(205-MOV-0012)	Flange	0.0	1	100	0.000000	8760	0.000000
2451	25.06.2025	MOVS CONNECTED TO INLET	MOV - 2 UPSTEAM(205-MOV-0007)	Flange	0.0	1	100	0.000000	8760	0.000000
2452	25.06.2025	MOVS CONNECTED TO INLET	MOV - 2 DOWNSTEAM(205-MOV-0007)	Flange	0.0	1	100	0.000000	8760	0.000000
2453	25.06.2025	MOVS CONNECTED TO INLET	MOV - 3 UPSTEAM(205-MOV-0010)	Flange	0.0	1	100	0.000000	8760	0.000000
2454	25.06.2025	MOVS CONNECTED TO INLET	MOV - 3 DOWNSTEAM(205-MOV-0010)	Flange	0.0	1	100	0.000000	8760	0.000000
2455	25.06.2025	MOVS CONNECTED TO INLET	MOV - 4 UPSTEAM(205-MOV-0008)	Flange	0.0	1	100	0.000000	8760	0.000000
2456	25.06.2025	MOVS CONNECTED TO INLET	MOV - 4 DOWNSTEAM(205-MOV-0008)	Flange	0.2	1	100	0.000001	8760	0.013027
2457	25.06.2025	MOVS CONNECTED TO INLET	MOV - 5 UPSTEAM(205-MOV-0009)	Flange	0.0	1	100	0.000000	8760	0.000000
2458	25.06.2025	MOVS CONNECTED TO INLET	MOV - 5 DOWNSTEAM(205-MOV-0009)	Flange	0.0	1	100	0.000000	8760	0.000000
2459	25.06.2025	MOVS CONNECTED TO INLET	NRV - 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2460	25.06.2025	MOVS CONNECTED TO INLET	NRV - 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2461	25.06.2025	MOVS CONNECTED TO INLET	NRV - 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2462	25.06.2025	MOVS CONNECTED TO INLET	NRV - 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2463	25.06.2025	MOVS CONNECTED TO INLET	NRV - 3 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2464	25.06.2025	MOVS CONNECTED TO INLET	NRV - 3 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2465	25.06.2025	MOVS CONNECTED TO INLET	NRV - 4 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2466	25.06.2025	MOVS CONNECTED TO INLET	NRV - 4 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2467	25.06.2025	MOVS CONNECTED TO INLET	NRV - 5 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2468	25.06.2025	MOVS CONNECTED TO INLET	NRV - 5 DOWNSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
2469	25.06.2025	MOVS CONNECTED TO INLET	PUMP DISCHARGE HEADER MOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2470	25.06.2025	MOVS CONNECTED TO INLET	PUMP DISCHARGE HEADER MOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2471	25.06.2025	MOVS CONNECTED TO INLET	MOV - 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2472	25.06.2025	MOVS CONNECTED TO INLET	MOV - 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2473	25.06.2025	MOVS CONNECTED TO INLET	MOV - 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2474	25.06.2025	MOVS CONNECTED TO INLET	MOV - 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2475	25.06.2025	MOVS CONNECTED TO INLET	ITT HEADER HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2476	25.06.2025	MOVS CONNECTED TO INLET	ITT HEADER HOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2477	25.06.2025	MOVS CONNECTED TO INLET	RECIRCULATION MOV UPSTEAM(205-MOV-0345)	Flange	0.0	1	100	0.000000	8760	0.000000
2478	25.06.2025	MOVS CONNECTED TO INLET	RECIRCULATION MOV DOWNSTREAM(205-MOV-0345)	Flange	0.0	1	100	0.000000	8760	0.000000
2479	25.06.2025	MOVS CONNECTED TO INLET	MFA FROM DOSING SKIT MOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2480	25.06.2025	MOVS CONNECTED TO INLET	MFA FROM DOSING SKIT MOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2481	25.06.2025	MOVS CONNECTED TO INLET	OUTLET HEADER MOV UPSTEAM(205-MOV-0346)	Flange	0.0	1	100	0.000000	8760	0.000000
2482	25.06.2025	MOVS CONNECTED TO INLET	OUTLET HEADER MOV DOWNSTEAM(205-MOV-0346)	Flange	0.0	1	100	0.000000	8760	0.000000
2483	25.06.2025	MOVS CONNECTED TO INLET	HEEL STRPING MOV UPSTEAM(205-MOV-0347)	Flange	0.0	1	100	0.000000	8760	0.000000
2484	25.06.2025	MOVS CONNECTED TO INLET	HEEL STRPING MOV DOWNSTEAM(205-MOV-0347)	Flange	0.0	1	100	0.000000	8760	0.000000
2485	25.06.2025	MOVS CONNECTED TO INLET	OUTLET HEADER PSV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2486	25.06.2025	MOVS CONNECTED TO INLET	OUTLET HEADER PSV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2487	25.06.2025	MOVS CONNECTED TO INLET	STREAM HOV - 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2488	25.06.2025	MOVS CONNECTED TO INLET	STREAM HOV - 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2489	25.06.2025	MOVS CONNECTED TO INLET	STREAM HOV - 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2490	25.06.2025	MOVS CONNECTED TO INLET	STREAM HOV - 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2491	25.06.2025	NAPHTHA TANK NO 5 TANK TOP	RIM SEAL EAST	Flange	0.2	1	100	0.000001	8760	0.013027
2492	25.06.2025	NAPHTHA TANK NO 5 TANK TOP	RIM SEAL WEST	Flange	0.4	1	100	0.000002	8760	0.021206
2493	25.06.2025	NAPHTHA TANK NO 5 TANK TOP	RIM SEAL NORTH	Flange	0.9	1	100	0.000004	8760	0.037501
2494	25.06.2025	NAPHTHA TANK NO 5 TANK TOP	RIM SEAL SOUTH	Flange	0.3	1	100	0.000002	8760	0.017323
2495	25.06.2025	NAPHTHA TANK NO 5 TANK TOP	DIPHATCH	Flange	0.1	1	100	0.000001	8760	0.008002
2496	25.06.2025	NAPHTHA TANK NO 4 INSIDE DYKE	RECIRCULATION MOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2497	25.06.2025	NAPHTHA TANK NO 4 INSIDE DYKE	RECIRCULATION MOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2498	25.06.2025	NAPHTHA TANK NO 4 INSIDE DYKE	INLET XZV 5001 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2499	25.06.2025	NAPHTHA TANK NO 4 INSIDE DYKE	INLET XZV 5001 DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2500	25.06.2025	NAPHTHA TANK NO 4 INSIDE DYKE	MINIMUM FLOW HEADER MOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2501	25.06.2025	NAPHTHA TANK NO 4 INSIDE DYKE	MINIMUM FLOW HEADER MOV DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
2502	25.06.2025	NAPHTHA TANK NO 4 INSIDE DYKE	SUMP DRAIN - 1 HOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2503	25.06.2025	NAPHTHA TANK NO 4 INSIDE DYKE	SUMP DRAIN - 1 HOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2504	25.06.2025	NAPHTHA TANK NO 4 INSIDE DYKE	SUMP DRAIN - 1 HOV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2505	25.06.2025	NAPHTHA TANK NO 4 INSIDE DYKE	SUMP DRAIN - 1 HOV 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2506	25.06.2025	NAPHTHA TANK NO 4 INSIDE DYKE	SUMP DRAIN - 1 HOV 3 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2507	25.06.2025	NAPHTHA TANK NO 4 INSIDE DYKE	SUMP DRAIN - 1 HOV 3 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2508	25.06.2025	NAPHTHA TANK NO 4 INSIDE DYKE	SUMP DRAIN - 2 HOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2509	25.06.2025	NAPHTHA TANK NO 4 INSIDE DYKE	SUMP DRAIN - 2 HOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2510	25.06.2025	NAPHTHA TANK NO 4 INSIDE DYKE	SUMP DRAIN - 2 HOV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2511	25.06.2025	NAPHTHA TANK NO 4 INSIDE DYKE	SUMP DRAIN - 2 HOV 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2512	25.06.2025	NAPHTHA TANK NO 4 INSIDE DYKE	SUMP DRAIN - 2 HOV 3 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2513	25.06.2025	NAPHTHA TANK NO 4 INSIDE DYKE	SUMP DRAIN - 2 HOV 3 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2514	25.06.2025	NAPHTHA TANK NO 4 INSIDE DYKE	PESSURE TRANSMITTER HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2515	25.06.2025	NAPHTHA TANK NO 4 INSIDE DYKE	PESSURE TRANSMITTER HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2516	25.06.2025	NAPHTHA TANK NO 4 INSIDE DYKE	MAN HOLE - 1	Flange	0.0	1	100	0.000000	8760	0.000000
2517	25.06.2025	NAPHTHA TANK NO 4 INSIDE DYKE	MAN HOLE - 2	Flange	0.0	1	100	0.000000	8760	0.000000
2518	25.06.2025	NAPHTHA TANK NO 4 INSIDE DYKE	MAN HOLE - 3	Flange	0.0	1	100	0.000000	8760	0.000000
2519	25.06.2025	NAPHTHA TANK NO 4 INSIDE DYKE	MAN HOLE - 4	Flange	0.9	1	100	0.000004	8760	0.037501
2520	25.06.2025	NAPHTHA TANK NO 4 INSIDE DYKE	HEEL STRPING MOV UPSTEAM	Flange	1.2	1	100	0.000005	8760	0.045906
2521	25.06.2025	NAPHTHA TANK NO 4 INSIDE DYKE	HEEL STRPING MOV DOWNSTEAM	Flange	0.5	1	100	0.000003	8760	0.024807
2522	25.06.2025	NAPHTHA TANK NO 4 INSIDE DYKE	OUTLET XZV 5002 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2523	25.06.2025	NAPHTHA TANK NO 4 INSIDE DYKE	OUTLET XZV 5002 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2524	25.06.2025	NAPHTHA TANK NO 4 INSIDE DYKE	CLEAN OUT DOOR	Flange	0.0	1	100	0.000000	8760	0.000000
2525	25.06.2025	NAPHTHA TANK NO 4 INSIDE DYKE	OUTLET BODY FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2526	25.06.2025	NAPHTHA TANK NO 4 INSIDE DYKE	SPECTACLE BLIND UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2527	25.06.2025	NAPHTHA TANK NO 4 INSIDE DYKE	SPECTACLE BLIND DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2528	25.06.2025	OUTSIDE DYKE	INLET HEADER MOV UPSTEAM(205-MOV-0013)	Flange	0.0	1	100	0.000000	8760	0.000000
2529	25.06.2025	OUTSIDE DYKE	INLET HEADER MOV DOWNSTEAM(205-MOV-0013)	Flange	0.0	1	100	0.000000	8760	0.000000
2530	25.06.2025	OUTSIDE DYKE	INLET HEADER PSV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2531	25.06.2025	OUTSIDE DYKE	INLET HEADER PSV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2532	25.06.2025	OUT SIDE DYKE	STREAM HOV - 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2533	25.06.2025	OUT SIDE DYKE	STREAM HOV - 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2534	25.06.2025	OUT SIDE DYKE	STREAM HOV - 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2535	25.06.2025	OUT SIDE DYKE	STREAM HOV - 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2536	25.06.2025	MOVS CONNECTED TO INLET	MOV - 1 UPSTEAM(205-MOV-0006)	Flange	0.0	1	100	0.000000	8760	0.000000

2537	25.06.2025	MOVS CONNECTED TO INLET	MOV - 1 DOWNSTEAM(205-MOV-0006)	Flange	0.0	1	100	0.000000	8760	0.000000
2538	25.06.2025	MOVS CONNECTED TO INLET	MOV - 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2539	25.06.2025	MOVS CONNECTED TO INLET	MOV - 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2540	25.06.2025	MOVS CONNECTED TO INLET	MOV - 3 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2541	25.06.2025	MOVS CONNECTED TO INLET	MOV - 3 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2542	25.06.2025	MOVS CONNECTED TO INLET	MOV - 4 UPSTEAM(205-MOV-0002)	Flange	0.0	1	100	0.000000	8760	0.000000
2543	25.06.2025	MOVS CONNECTED TO INLET	MOV - 4 DOWNSTEAM(205-MOV-0002)	Flange	0.0	1	100	0.000000	8760	0.000000
2544	25.06.2025	MOVS CONNECTED TO INLET	MOV - 5 UPSTEAM(205-MOV-0003)	Flange	0.0	1	100	0.000000	8760	0.000000
2545	25.06.2025	MOVS CONNECTED TO INLET	MOV - 5 DOWNSTEAM(205-MOV-0003)	Flange	0.0	1	100	0.000000	8760	0.000000
2546	25.06.2025	MOVS CONNECTED TO INLET	NRV - 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2547	25.06.2025	MOVS CONNECTED TO INLET	NRV - 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2548	25.06.2025	MOVS CONNECTED TO INLET	NRV - 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2549	25.06.2025	MOVS CONNECTED TO INLET	NRV - 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2550	25.06.2025	MOVS CONNECTED TO INLET	NRV - 3 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2551	25.06.2025	MOVS CONNECTED TO INLET	NRV - 3 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2552	25.06.2025	MOVS CONNECTED TO INLET	NRV - 4 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2553	25.06.2025	MOVS CONNECTED TO INLET	NRV - 4 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2554	25.06.2025	MOVS CONNECTED TO INLET	NRV - 5 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2555	25.06.2025	MOVS CONNECTED TO INLET	NRV - 5 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2556	25.06.2025	MOVS CONNECTED TO INLET	PUMP DISCHARGE HEADER MOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2557	25.06.2025	MOVS CONNECTED TO INLET	PUMP DISCHARGE HEADER MOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2558	25.06.2025	MOVS CONNECTED TO INLET	MOV - 1 UPSTEAM(205-MOV-0619)	Flange	0.0	1	100	0.000000	8760	0.000000
2559	25.06.2025	MOVS CONNECTED TO INLET	MOV - 1 DOWNSTEAM(205-MOV-0619)	Flange	0.0	1	100	0.000000	8760	0.000000
2560	25.06.2025	MOVS CONNECTED TO INLET	MOV - 2 UPSTEAM(205-MOV-0624)	Flange	0.0	1	100	0.000000	8760	0.000000
2561	25.06.2025	MOVS CONNECTED TO INLET	MOV - 2 DOWNSTEAM(205-MOV-0624)	Flange	0.0	1	100	0.000000	8760	0.000000
2562	25.06.2025	MOVS CONNECTED TO INLET	ITT HEADER HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2563	25.06.2025	MOVS CONNECTED TO INLET	ITT HEADER HOV DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
2564	25.06.2025	MOVS CONNECTED TO INLET	RECIRCULATION MOV UPSTEAM(205-MOV-0342)	Flange	0.1	1	100	0.000001	8760	0.008002
2565	25.06.2025	MOVS CONNECTED TO INLET	RECIRCULATION MOV DOWN STEAM(205-MOV-0342)	Flange	0.1	1	100	0.000001	8760	0.008002
2566	25.06.2025	MOVS CONNECTED TO INLET	MFA FROM DOSING SKIT MOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2567	25.06.2025	MOVS CONNECTED TO INLET	MFA FROM DOSING SKIT MOV DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
2568	25.06.2025	MOVS CONNECTED TO INLET	OUTLET HEADER MOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2569	25.06.2025	MOVS CONNECTED TO INLET	OUTLET HEADER MOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2570	25.06.2025	MOVS CONNECTED TO INLET	HEEL STRPING MOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2571	25.06.2025	MOVS CONNECTED TO INLET	HEEL STRPING MOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2572	25.06.2025	MOVS CONNECTED TO INLET	OUTLET HEADER PSV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2573	25.06.2025	MOVS CONNECTED TO INLET	OUTLET HEADER PSV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2574	25.06.2025	MOVS CONNECTED TO INLET	STREAM HOV - 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2575	25.06.2025	MOVS CONNECTED TO INLET	STREAM HOV - 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2576	25.06.2025	MOVS CONNECTED TO INLET	STREAM HOV - 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2577	25.06.2025	MOVS CONNECTED TO INLET	STREAM HOV - 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2578	25.06.2025	NAPHTHA TANK NO 4 TANK TOP	RIM SEAL EAST	Flange	0.3	1	100	0.000002	8760	0.017323
2579	25.06.2025	NAPHTHA TANK NO 4 TANK TOP	RIM SEAL WEST	Flange	0.9	1	100	0.000004	8760	0.037501
2580	25.06.2025	NAPHTHA TANK NO 4 TANK TOP	RIM SEAL NORTH	Flange	1.2	1	100	0.000005	8760	0.045906
2581	25.06.2025	NAPHTHA TANK NO 4 TANK TOP	RIM SEAL SOUTH	Flange	0.4	1	100	0.000002	8760	0.021206
2582	25.06.2025	NAPHTHA TANK NO 4 TANK TOP	DIPHATCH	Flange	0.2	1	100	0.000001	8760	0.013027
2583	25.06.2025	MS TANK AREA 11 INSIDE DYKE	RECIRCULATION MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2584	25.06.2025	MS TANK AREA 11 INSIDE DYKE	RECIRCULATION MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2585	25.06.2025	MS TANK AREA 11 INSIDE DYKE	RECIRCULATION BODY	Flange	0.0	0.8	100	0.000000	8760	0.000000
2586	25.06.2025	MS TANK AREA 11 INSIDE DYKE	INLET XZV 5005 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2587	25.06.2025	MS TANK AREA 11 INSIDE DYKE	INLET XZV 5005 DOWN STEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2588	25.06.2025	MS TANK AREA 11 INSIDE DYKE	MINIMUM FLOW HEADER MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2589	25.06.2025	MS TANK AREA 11 INSIDE DYKE	MINIMUM FLOW HEADER MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2590	25.06.2025	MS TANK AREA 11 INSIDE DYKE	SUMP DRAIN - 1 HOV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2591	25.06.2025	MS TANK AREA 11 INSIDE DYKE	SUMP DRAIN - 1 HOV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2592	25.06.2025	MS TANK AREA 11 INSIDE DYKE	SUMP DRAIN - 1 HOV 2 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2593	25.06.2025	MS TANK AREA 11 INSIDE DYKE	SUMP DRAIN - 1 HOV 2 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2594	25.06.2025	MS TANK AREA 11 INSIDE DYKE	SUMP DRAIN - 1 HOV 3 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2595	25.06.2025	MS TANK AREA 11 INSIDE DYKE	SUMP DRAIN - 1 HOV 3 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2596	25.06.2025	MS TANK AREA 11 INSIDE DYKE	SUMP DRAIN - 2 HOV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2597	25.06.2025	MS TANK AREA 11 INSIDE DYKE	SUMP DRAIN - 2 HOV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2598	25.06.2025	MS TANK AREA 11 INSIDE DYKE	SUMP DRAIN - 2 HOV 2 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2599	25.06.2025	MS TANK AREA 11 INSIDE DYKE	SUMP DRAIN - 2 HOV 2 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2600	25.06.2025	MS TANK AREA 11 INSIDE DYKE	SUMP DRAIN - 2 HOV 3 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2601	25.06.2025	MS TANK AREA 11 INSIDE DYKE	SUMP DRAIN - 2 HOV 3 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2602	25.06.2025	MS TANK AREA 11 INSIDE DYKE	SUMP DRAIN - 3 HOV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2603	25.06.2025	MS TANK AREA 11 INSIDE DYKE	SUMP DRAIN - 3 HOV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2604	25.06.2025	MS TANK AREA 11 INSIDE DYKE	SUMP DRAIN - 3 HOV 2 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2605	25.06.2025	MS TANK AREA 11 INSIDE DYKE	SUMP DRAIN - 3 HOV 2 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2606	25.06.2025	MS TANK AREA 11 INSIDE DYKE	SUMP DRAIN - 3 HOV 3 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2607	25.06.2025	MS TANK AREA 11 INSIDE DYKE	SUMP DRAIN - 3 HOV 3 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2608	25.06.2025	MS TANK AREA 11 INSIDE DYKE	SUMP DRAIN - 4 HOV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2609	25.06.2025	MS TANK AREA 11 INSIDE DYKE	SUMP DRAIN - 4 HOV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2610	25.06.2025	MS TANK AREA 11 INSIDE DYKE	SUMP DRAIN - 4 HOV 2 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2611	25.06.2025	MS TANK AREA 11 INSIDE DYKE	SUMP DRAIN - 4 HOV 2 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2612	25.06.2025	MS TANK AREA 11 INSIDE DYKE	SUMP DRAIN - 4 HOV 3 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2613	25.06.2025	MS TANK AREA 11 INSIDE DYKE	SUMP DRAIN - 4 HOV 3 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2614	25.06.2025	MS TANK AREA 11 INSIDE DYKE	PESSURE TRANSMITTER HOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2615	25.06.2025	MS TANK AREA 11 INSIDE DYKE	PESSURE TRANSMITTER HOV DOWN TEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2616	25.06.2025	MS TANK AREA 11 INSIDE DYKE	MAN HOLE - 1	Flange	0.0	0.8	100	0.000000	8760	0.000000
2617	25.06.2025	MS TANK AREA 11 INSIDE DYKE	MAN HOLE - 2	Flange	0.0	0.8	100	0.000000	8760	0.000000
2618	25.06.2025	MS TANK AREA 11 INSIDE DYKE	MAN HOLE - 3	Flange	0.0	0.8	100	0.000000	8760	0.000000
2619	25.06.2025	MS TANK AREA 11 INSIDE DYKE	HEEL STRPING MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2620	25.06.2025	MS TANK AREA 11 INSIDE DYKE	HEEL STRPING MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2621	25.06.2025	MS TANK AREA 11 INSIDE DYKE	OUTLET XZV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2622	25.06.2025	MS TANK AREA 11 INSIDE DYKE	OUTLET XZV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2623	25.06.2025	MS TANK AREA 11 INSIDE DYKE	CLEAN OUT DOOR	Flange	0.0	0.8	100	0.000000	8760	0.000000

2624	25.06.2025	OUT SIDE DYKE	INLET HEADER MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2625	25.06.2025	OUT SIDE DYKE	INLET HEADER MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2626	25.06.2025	OUT SIDE DYKE	INLET HEADER PSV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2627	25.06.2025	OUT SIDE DYKE	INLET HEADER PSV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2628	25.06.2025	OUT SIDE DYKE	STREAM HOV - 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2629	25.06.2025	OUT SIDE DYKE	STREAM HOV - 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2630	25.06.2025	OUT SIDE DYKE	STREAM HOV - 2 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2631	25.06.2025	OUT SIDE DYKE	STREAM HOV - 2 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2632	25.06.2025	MOVS CONNECTED TO INLET	MOV - 1 UPSTEAM	Flange	0.2	0.8	100	0.000001	8760	0.010421
2633	25.06.2025	MOVS CONNECTED TO INLET	MOV - 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2634	25.06.2025	MOVS CONNECTED TO INLET	MS PREMIMUM FROM MS BLENDING UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2635	25.06.2025	MOVS CONNECTED TO INLET	MS PREMIMUM FROM MS BLENDING DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2636	25.06.2025	MOVS CONNECTED TO INLET	MINIMUM FLOW HEADER MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2637	25.06.2025	MOVS CONNECTED TO INLET	MINIMUM FLOW HEADER MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2638	25.06.2025	MOVS CONNECTED TO INLET	ITT HEADER HOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2639	25.06.2025	MOVS CONNECTED TO INLET	ITT HEADER HOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2640	25.06.2025	MOVS CONNECTED TO INLET	RECIRCULATION MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2641	25.06.2025	MOVS CONNECTED TO INLET	RECIRCULATION MOV DOWN STEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2642	25.06.2025	MOVS CONNECTED TO INLET	MFA FROM DOSING SKIT MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2643	25.06.2025	MOVS CONNECTED TO INLET	MFA FROM DOSING SKIT MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2644	25.06.2025	MOVS CONNECTED TO INLET	OUTLET HEADER MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2645	25.06.2025	MOVS CONNECTED TO INLET	OUTLET HEADER MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2646	25.06.2025	MOVS CONNECTED TO INLET	OUTLET HEADER PSV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2647	25.06.2025	MOVS CONNECTED TO INLET	OUTLET HEADER PSV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2648	25.06.2025	MOVS CONNECTED TO INLET	STREAM HOV - 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2649	25.06.2025	MOVS CONNECTED TO INLET	STREAM HOV - 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2650	25.06.2025	MOVS CONNECTED TO INLET	STREAM HOV - 2 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2651	25.06.2025	MOVS CONNECTED TO INLET	STREAM HOV - 2 DOWNSTEAM	Flange	0.2	0.8	100	0.000001	8760	0.010421
2652	25.06.2025	MS TANK NO 11 TANK TOP	RIM SEAL EAST	Flange	0.9	0.8	100	0.000003	8760	0.030000
2653	25.06.2025	MS TANK NO 11 TANK TOP	RIM SEAL WEST	Flange	1.2	0.8	100	0.000004	8760	0.036725
2654	25.06.2025	MS TANK NO 11 TANK TOP	RIM SEAL NORTH	Flange	0.0	0.8	100	0.000000	8760	0.000000
2655	25.06.2025	MS TANK NO 11 TANK TOP	RIM SEAL SOUTH	Flange	0.9	0.8	100	0.000003	8760	0.030000
2656	25.06.2025	MS TANK NO 11 TANK TOP	DIPHATCH	Flange	0.0	0.8	100	0.000000	8760	0.000000
2657	25.06.2025	MS TANK AREA 12 INSIDE DYKE	RECIRCULATION MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2658	25.06.2025	MS TANK AREA 12 INSIDE DYKE	RECIRCULATION MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2659	25.06.2025	MS TANK AREA 12 INSIDE DYKE	RECIRCULATION BODY	Flange	0.0	0.8	100	0.000000	8760	0.000000
2660	25.06.2025	MS TANK AREA 12 INSIDE DYKE	INLET XZV 5007 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2661	25.06.2025	MS TANK AREA 12 INSIDE DYKE	INLET XZV 5007 DOWN STEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2662	25.06.2025	MS TANK AREA 12 INSIDE DYKE	MINIMUM FLOW HEADER MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2663	25.06.2025	MS TANK AREA 12 INSIDE DYKE	MINIMUM FLOW HEADER MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2664	25.06.2025	MS TANK AREA 12 INSIDE DYKE	SUMP DRAIN - 1 HOV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2665	25.06.2025	MS TANK AREA 12 INSIDE DYKE	SUMP DRAIN - 1 HOV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2666	25.06.2025	MS TANK AREA 12 INSIDE DYKE	SUMP DRAIN - 1 HOV 2 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2667	25.06.2025	MS TANK AREA 12 INSIDE DYKE	SUMP DRAIN - 1 HOV 2 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2668	25.06.2025	MS TANK AREA 12 INSIDE DYKE	SUMP DRAIN - 1 HOV 3 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2669	25.06.2025	MS TANK AREA 12 INSIDE DYKE	SUMP DRAIN - 1 HOV 3 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2670	25.06.2025	MS TANK AREA 12 INSIDE DYKE	SUMP DRAIN - 2 HOV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2671	25.06.2025	MS TANK AREA 12 INSIDE DYKE	SUMP DRAIN - 2 HOV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2672	25.06.2025	MS TANK AREA 12 INSIDE DYKE	SUMP DRAIN - 2 HOV 2 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2673	25.06.2025	MS TANK AREA 12 INSIDE DYKE	SUMP DRAIN - 2 HOV 2 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2674	25.06.2025	MS TANK AREA 12 INSIDE DYKE	SUMP DRAIN - 2 HOV 3 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2675	25.06.2025	MS TANK AREA 12 INSIDE DYKE	SUMP DRAIN - 2 HOV 3 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2676	25.06.2025	MS TANK AREA 12 INSIDE DYKE	SUMP DRAIN - 3 HOV 1 UPSTEAM	Flange	0.2	0.8	100	0.000001	8760	0.010421
2677	25.06.2025	MS TANK AREA 12 INSIDE DYKE	SUMP DRAIN - 3 HOV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2678	25.06.2025	MS TANK AREA 12 INSIDE DYKE	SUMP DRAIN - 3 HOV 2 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2679	25.06.2025	MS TANK AREA 12 INSIDE DYKE	SUMP DRAIN - 3 HOV 2 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2680	25.06.2025	MS TANK AREA 12 INSIDE DYKE	SUMP DRAIN - 3 HOV 3 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2681	25.06.2025	MS TANK AREA 12 INSIDE DYKE	SUMP DRAIN - 3 HOV 3 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2682	25.06.2025	MS TANK AREA 12 INSIDE DYKE	SUMP DRAIN - 4 HOV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2683	25.06.2025	MS TANK AREA 12 INSIDE DYKE	SUMP DRAIN - 4 HOV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2684	25.06.2025	MS TANK AREA 12 INSIDE DYKE	SUMP DRAIN - 4 HOV 2 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2685	25.06.2025	MS TANK AREA 12 INSIDE DYKE	SUMP DRAIN - 4 HOV 2 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2686	25.06.2025	MS TANK AREA 12 INSIDE DYKE	SUMP DRAIN - 4 HOV 3 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2687	25.06.2025	MS TANK AREA 12 INSIDE DYKE	SUMP DRAIN - 4 HOV 3 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2688	25.06.2025	MS TANK AREA 12 INSIDE DYKE	PESSURE TRANSMITTER HOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2689	25.06.2025	MS TANK AREA 12 INSIDE DYKE	PESSURE TRANSMITTER HOV DOWN TEAM	Flange	0.2	0.8	100	0.000001	8760	0.010421
2690	25.06.2025	MS TANK AREA 12 INSIDE DYKE	MAN HOLE - 1	Flange	0.0	0.8	100	0.000000	8760	0.000000
2691	25.06.2025	MS TANK AREA 12 INSIDE DYKE	MAN HOLE - 2	Flange	0.0	0.8	100	0.000000	8760	0.000000
2692	25.06.2025	MS TANK AREA 12 INSIDE DYKE	MAN HOLE - 3	Flange	0.3	0.8	100	0.000002	8760	0.013858
2693	25.06.2025	MS TANK AREA 12 INSIDE DYKE	HEEL STRPING MOV UPSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2694	25.06.2025	MS TANK AREA 12 INSIDE DYKE	HEEL STRPING MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2695	25.06.2025	MS TANK AREA 12 INSIDE DYKE	OUTLET XZV 5008 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2696	25.06.2025	MS TANK AREA 12 INSIDE DYKE	OUTLET XZV 5008 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2697	25.06.2025	MS TANK AREA 12 INSIDE DYKE	CLEAN OUT DOOR	Flange	0.0	0.8	100	0.000000	8760	0.000000
2698	25.06.2025	OUT SIDE DYKE	INLET HEADER MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2699	25.06.2025	OUT SIDE DYKE	INLET HEADER MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2700	25.06.2025	OUT SIDE DYKE	INLET HEADER PSV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2701	25.06.2025	OUT SIDE DYKE	INLET HEADER PSV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2702	25.06.2025	OUT SIDE DYKE	STREAM HOV - 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2703	25.06.2025	OUT SIDE DYKE	STREAM HOV - 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2704	25.06.2025	OUT SIDE DYKE	STREAM HOV - 2 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2705	25.06.2025	OUT SIDE DYKE	STREAM HOV - 2 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2706	25.06.2025	MOVS CONNECTED TO INLET	MOV - 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2707	25.06.2025	MOVS CONNECTED TO INLET	MOV - 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2708	25.06.2025	MOVS CONNECTED TO INLET	MS PREMIMUM FROM MS BLENDING UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2709	25.06.2025	MOVS CONNECTED TO INLET	MS PREMIMUM FROM MS BLENDING DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2710	25.06.2025	MOVS CONNECTED TO INLET	MINIMUM FLOW HEADER MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000

2711	25.06.2025	MOVS CONNECTED TO INLET	MINIMUM FLOW HEADER MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2712	25.06.2025	MOVS CONNECTED TO INLET	ITT HEADER HOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2713	25.06.2025	MOVS CONNECTED TO INLET	ITT HEADER HOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2714	25.06.2025	MOVS CONNECTED TO INLET	RECIRCULATION MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2715	25.06.2025	MOVS CONNECTED TO INLET	RECIRCULATION MOV DOWN STEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2716	25.06.2025	MOVS CONNECTED TO INLET	MFA FROM DOSING SKIT MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2717	25.06.2025	MOVS CONNECTED TO INLET	MFA FROM DOSING SKIT MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2718	25.06.2025	MOVS CONNECTED TO INLET	OUTLET HEADER MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2719	25.06.2025	MOVS CONNECTED TO INLET	OUTLET HEADER MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2720	25.06.2025	MOVS CONNECTED TO INLET	OUTLET HEADER PSV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2721	25.06.2025	MOVS CONNECTED TO INLET	OUTLET HEADER PSV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2722	25.06.2025	MOVS CONNECTED TO INLET	STREAM HOV - 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2723	25.06.2025	MOVS CONNECTED TO INLET	STREAM HOV - 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2724	25.06.2025	MOVS CONNECTED TO INLET	STREAM HOV - 2 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2725	25.06.2025	MOVS CONNECTED TO INLET	STREAM HOV - 2 DOWNSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2726	25.06.2025	MS TANK NO 12 TANK TOP	RIM SEAL EAST	Flange	1.2	0.8	100	0.000004	8760	0.036725
2727	25.06.2025	MS TANK NO 12 TANK TOP	RIM SEAL WEST	Flange	3.1	0.8	100	0.000008	8760	0.071569
2728	25.06.2025	MS TANK NO 12 TANK TOP	RIM SEAL NORTH	Flange	2.4	0.8	100	0.000007	8760	0.059784
2729	25.06.2025	MS TANK NO 12 TANK TOP	RIM SEAL SOUTH	Flange	1.5	0.8	100	0.000005	8760	0.042962
2730	25.06.2025	MS TANK NO 12 TANK TOP	DIPHATCH	Flange	0.9	0.8	100	0.000003	8760	0.030000
2731	25.06.2025	MS TANK AREA 13 INSIDE DYKE	RECIRCULATION MOV UPSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2732	25.06.2025	MS TANK AREA 13 INSIDE DYKE	RECIRCULATION MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2733	25.06.2025	MS TANK AREA 13 INSIDE DYKE	RECIRCULATION BODY	Flange	0.0	0.8	100	0.000000	8760	0.000000
2734	25.06.2025	MS TANK AREA 13 INSIDE DYKE	INLET XZV 5057 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2735	25.06.2025	MS TANK AREA 13 INSIDE DYKE	INLET XZV 5057 DOWN STEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2736	25.06.2025	MS TANK AREA 13 INSIDE DYKE	MINIMUM FLOW HEADER MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2737	25.06.2025	MS TANK AREA 13 INSIDE DYKE	MINIMUM FLOW HEADER MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2738	25.06.2025	MS TANK AREA 13 INSIDE DYKE	SUMP DRAIN - 1 HOV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2739	25.06.2025	MS TANK AREA 13 INSIDE DYKE	SUMP DRAIN - 1 HOV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2740	25.06.2025	MS TANK AREA 13 INSIDE DYKE	SUMP DRAIN - 1 HOV 2 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2741	25.06.2025	MS TANK AREA 13 INSIDE DYKE	SUMP DRAIN - 1 HOV 2 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2742	25.06.2025	MS TANK AREA 13 INSIDE DYKE	SUMP DRAIN - 1 HOV 3 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2743	25.06.2025	MS TANK AREA 13 INSIDE DYKE	SUMP DRAIN - 1 HOV 3 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2744	25.06.2025	MS TANK AREA 13 INSIDE DYKE	SUMP DRAIN - 2 HOV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2745	25.06.2025	MS TANK AREA 13 INSIDE DYKE	SUMP DRAIN - 2 HOV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2746	25.06.2025	MS TANK AREA 13 INSIDE DYKE	SUMP DRAIN - 2 HOV 2 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2747	25.06.2025	MS TANK AREA 13 INSIDE DYKE	SUMP DRAIN - 2 HOV 2 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2748	25.06.2025	MS TANK AREA 13 INSIDE DYKE	SUMP DRAIN - 2 HOV 3 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2749	25.06.2025	MS TANK AREA 13 INSIDE DYKE	SUMP DRAIN - 2 HOV 3 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2750	25.06.2025	MS TANK AREA 13 INSIDE DYKE	SUMP DRAIN - 3 HOV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2751	25.06.2025	MS TANK AREA 13 INSIDE DYKE	SUMP DRAIN - 3 HOV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2752	25.06.2025	MS TANK AREA 13 INSIDE DYKE	SUMP DRAIN - 3 HOV 2 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2753	25.06.2025	MS TANK AREA 13 INSIDE DYKE	SUMP DRAIN - 3 HOV 2 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2754	25.06.2025	MS TANK AREA 13 INSIDE DYKE	SUMP DRAIN - 3 HOV 3 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2755	25.06.2025	MS TANK AREA 13 INSIDE DYKE	SUMP DRAIN - 3 HOV 3 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2756	25.06.2025	MS TANK AREA 13 INSIDE DYKE	SUMP DRAIN - 4 HOV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2757	25.06.2025	MS TANK AREA 13 INSIDE DYKE	SUMP DRAIN - 4 HOV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2758	25.06.2025	MS TANK AREA 13 INSIDE DYKE	SUMP DRAIN - 4 HOV 2 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2759	25.06.2025	MS TANK AREA 13 INSIDE DYKE	SUMP DRAIN - 4 HOV 2 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2760	25.06.2025	MS TANK AREA 13 INSIDE DYKE	SUMP DRAIN - 4 HOV 3 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2761	25.06.2025	MS TANK AREA 13 INSIDE DYKE	SUMP DRAIN - 4 HOV 3 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2762	25.06.2025	MS TANK AREA 13 INSIDE DYKE	PESSURE TRANSMITTER HOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2763	25.06.2025	MS TANK AREA 13 INSIDE DYKE	PESSURE TRANSMITTER HOV DOWN TEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2764	25.06.2025	MS TANK AREA 13 INSIDE DYKE	MAN HOLE - 1	Flange	0.0	0.8	100	0.000000	8760	0.000000
2765	25.06.2025	MS TANK AREA 13 INSIDE DYKE	MAN HOLE - 2	Flange	0.1	0.8	100	0.000001	8760	0.006402
2766	25.06.2025	MS TANK AREA 13 INSIDE DYKE	MAN HOLE - 3	Flange	0.1	0.8	100	0.000001	8760	0.006402
2767	25.06.2025	MS TANK AREA 13 INSIDE DYKE	HEEL STRPING MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2768	25.06.2025	MS TANK AREA 13 INSIDE DYKE	HEEL STRPING MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2769	25.06.2025	MS TANK AREA 13 INSIDE DYKE	OUTLET XZV 5058 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2770	25.06.2025	MS TANK AREA 13 INSIDE DYKE	OUTLET XZV 5058 DOWNSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2771	25.06.2025	MS TANK AREA 13 INSIDE DYKE	CLEAN OUT DOOR	Flange	0.0	0.8	100	0.000000	8760	0.000000
2772	25.06.2025	OUT SIDE DYKE	INLET HEADER MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2773	25.06.2025	OUT SIDE DYKE	INLET HEADER MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2774	25.06.2025	OUT SIDE DYKE	INLET HEADER PSV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2775	25.06.2025	OUT SIDE DYKE	INLET HEADER PSV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2776	25.06.2025	OUT SIDE DYKE	STREAM HOV - 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2777	25.06.2025	OUT SIDE DYKE	STREAM HOV - 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2778	25.06.2025	OUT SIDE DYKE	STREAM HOV - 2 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2779	25.06.2025	OUT SIDE DYKE	STREAM HOV - 2 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2780	25.06.2025	MOVS CONNECTED TO INLET	MOV - 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2781	25.06.2025	MOVS CONNECTED TO INLET	MOV - 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2782	25.06.2025	MOVS CONNECTED TO INLET	MS PREMIMUM FROM MS BLENDING UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2783	25.06.2025	MOVS CONNECTED TO INLET	MS PREMIMUM FROM MS BLENDING DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2784	25.06.2025	MOVS CONNECTED TO INLET	MINIMUM FLOW HEADER MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2785	25.06.2025	MOVS CONNECTED TO INLET	MINIMUM FLOW HEADER MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2786	25.06.2025	MOVS CONNECTED TO INLET	ITT HEADER HOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2787	25.06.2025	MOVS CONNECTED TO INLET	ITT HEADER HOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2788	25.06.2025	MOVS CONNECTED TO INLET	RECIRCULATION MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2789	25.06.2025	MOVS CONNECTED TO INLET	RECIRCULATION MOV DOWN STEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2790	25.06.2025	MOVS CONNECTED TO INLET	MFA FROM DOSING SKIT MOV UPSTEAM	Flange	0.2	0.8	100	0.000001	8760	0.010421
2791	25.06.2025	MOVS CONNECTED TO INLET	MFA FROM DOSING SKIT MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2792	25.06.2025	MOVS CONNECTED TO INLET	OUTLET HEADER MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2793	25.06.2025	MOVS CONNECTED TO INLET	OUTLET HEADER MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2794	25.06.2025	MOVS CONNECTED TO INLET	OUTLET HEADER PSV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2795	25.06.2025	MOVS CONNECTED TO INLET	OUTLET HEADER PSV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2796	25.06.2025	MOVS CONNECTED TO INLET	STREAM HOV - 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2797	25.06.2025	MOVS CONNECTED TO INLET	STREAM HOV - 1 DOWNSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402

2798	25.06.2025	MOVS CONNECTED TO INLET	STREAM HOV - 2 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2799	25.06.2025	MOVS CONNECTED TO INLET	STREAM HOV - 2 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2800	25.06.2025	MS TANK NO 13 TANK TOP	RIM SEAL EAST	Flange	2.4	0.8	100	0.000007	8760	0.059784
2801	25.06.2025	MS TANK NO 13 TANK TOP	RIM SEAL WEST	Flange	1.5	0.8	100	0.000005	8760	0.042962
2802	25.06.2025	MS TANK NO 13 TANK TOP	RIM SEAL NORTH	Flange	0.9	0.8	100	0.000003	8760	0.030000
2803	25.06.2025	MS TANK NO 13 TANK TOP	RIM SEAL SOUTH	Flange	0.8	0.8	100	0.000003	8760	0.027616
2804	25.06.2025	MS TANK NO 13 TANK TOP	DIPHATCH	Flange	1.1	0.8	100	0.000004	8760	0.034546
2805	25.06.2025	MS TANK AREA 14 INSIDE DYKE	RECIRCULATION MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2806	25.06.2025	MS TANK AREA 14 INSIDE DYKE	RECIRCULATION MOV DOWNSTEAM	Flange	0.2	0.8	100	0.000001	8760	0.010421
2807	25.06.2025	MS TANK AREA 14 INSIDE DYKE	RECIRCULATION BODY	Flange	0.0	0.8	100	0.000000	8760	0.000000
2808	25.06.2025	MS TANK AREA 14 INSIDE DYKE	INLET XZV UPSTEAM 5059	Flange	0.1	0.8	100	0.000001	8760	0.006402
2809	25.06.2025	MS TANK AREA 14 INSIDE DYKE	INLET XZV DOWN STEAM 5059	Flange	0.0	0.8	100	0.000000	8760	0.000000
2810	25.06.2025	MS TANK AREA 14 INSIDE DYKE	MINIMUM FLOW HEADER MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2811	25.06.2025	MS TANK AREA 14 INSIDE DYKE	MINIMUM FLOW HEADER MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2812	25.06.2025	MS TANK AREA 14 INSIDE DYKE	SUMP DRAIN - 1 HOV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2813	25.06.2025	MS TANK AREA 14 INSIDE DYKE	SUMP DRAIN - 1 HOV 1 DOWNSTEAM	Flange	0.2	0.8	100	0.000001	8760	0.010421
2814	25.06.2025	MS TANK AREA 14 INSIDE DYKE	SUMP DRAIN - 1 HOV 2 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2815	25.06.2025	MS TANK AREA 14 INSIDE DYKE	SUMP DRAIN - 1 HOV 2 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2816	25.06.2025	MS TANK AREA 14 INSIDE DYKE	SUMP DRAIN - 1 HOV 3 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2817	25.06.2025	MS TANK AREA 14 INSIDE DYKE	SUMP DRAIN - 1 HOV 3 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2818	25.06.2025	MS TANK AREA 14 INSIDE DYKE	SUMP DRAIN - 2 HOV 1 UPSTEAM	Flange	0.3	0.8	100	0.000002	8760	0.013858
2819	25.06.2025	MS TANK AREA 14 INSIDE DYKE	SUMP DRAIN - 2 HOV 1 DOWNSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2820	25.06.2025	MS TANK AREA 14 INSIDE DYKE	SUMP DRAIN - 2 HOV 2 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2821	25.06.2025	MS TANK AREA 14 INSIDE DYKE	SUMP DRAIN - 2 HOV 2 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2822	25.06.2025	MS TANK AREA 14 INSIDE DYKE	SUMP DRAIN - 2 HOV 3 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2823	25.06.2025	MS TANK AREA 14 INSIDE DYKE	SUMP DRAIN - 2 HOV 3 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2824	25.06.2025	MS TANK AREA 14 INSIDE DYKE	SUMP DRAIN - 3 HOV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2825	25.06.2025	MS TANK AREA 14 INSIDE DYKE	SUMP DRAIN - 3 HOV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2826	25.06.2025	MS TANK AREA 14 INSIDE DYKE	SUMP DRAIN - 3 HOV 2 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2827	25.06.2025	MS TANK AREA 14 INSIDE DYKE	SUMP DRAIN - 3 HOV 2 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2828	25.06.2025	MS TANK AREA 14 INSIDE DYKE	SUMP DRAIN - 3 HOV 3 UPSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2829	25.06.2025	MS TANK AREA 14 INSIDE DYKE	SUMP DRAIN - 3 HOV 3 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2830	25.06.2025	MS TANK AREA 14 INSIDE DYKE	SUMP DRAIN - 4 HOV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2831	25.06.2025	MS TANK AREA 14 INSIDE DYKE	SUMP DRAIN - 4 HOV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2832	25.06.2025	MS TANK AREA 14 INSIDE DYKE	SUMP DRAIN - 4 HOV 2 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2833	25.06.2025	MS TANK AREA 14 INSIDE DYKE	SUMP DRAIN - 4 HOV 2 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2834	25.06.2025	MS TANK AREA 14 INSIDE DYKE	SUMP DRAIN - 4 HOV 3 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2835	25.06.2025	MS TANK AREA 14 INSIDE DYKE	SUMP DRAIN - 4 HOV 3 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2836	25.06.2025	MS TANK AREA 14 INSIDE DYKE	PESSURE TRANSMITTER HOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2837	25.06.2025	MS TANK AREA 14 INSIDE DYKE	PESSURE TRANSMITTER HOV DOWN TEAM	Flange	0.2	0.8	100	0.000001	8760	0.010421
2838	25.06.2025	MS TANK AREA 14 INSIDE DYKE	MAN HOLE - 1	Flange	0.0	0.8	100	0.000000	8760	0.000000
2839	25.06.2025	MS TANK AREA 14 INSIDE DYKE	MAN HOLE - 2	Flange	0.0	0.8	100	0.000000	8760	0.000000
2840	25.06.2025	MS TANK AREA 14 INSIDE DYKE	MAN HOLE - 3	Flange	0.0	0.8	100	0.000000	8760	0.000000
2841	25.06.2025	MS TANK AREA 14 INSIDE DYKE	HEEL STRPING MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2842	25.06.2025	MS TANK AREA 14 INSIDE DYKE	HEEL STRPING MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2843	25.06.2025	MS TANK AREA 14 INSIDE DYKE	OUTLET XZV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2844	25.06.2025	MS TANK AREA 14 INSIDE DYKE	OUTLET XZV DOWNSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2845	25.06.2025	MS TANK AREA 14 INSIDE DYKE	CLEAN OUT DOOR	Flange	0.1	0.8	100	0.000001	8760	0.006402
2846	25.06.2025	OUT SIDE DYKE	INLET HEADER MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2847	25.06.2025	OUT SIDE DYKE	INLET HEADER MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2848	25.06.2025	OUT SIDE DYKE	INLET HEADER PSV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2849	25.06.2025	OUT SIDE DYKE	INLET HEADER PSV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2850	25.06.2025	OUT SIDE DYKE	STREAM HOV - 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2851	25.06.2025	OUT SIDE DYKE	STREAM HOV - 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2852	25.06.2025	OUT SIDE DYKE	STREAM HOV - 2 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2853	25.06.2025	OUT SIDE DYKE	STREAM HOV - 2 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2854	25.06.2025	MOVS CONNECTED TO INLET	MOV - 1 UPSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2855	25.06.2025	MOVS CONNECTED TO INLET	MOV - 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2856	25.06.2025	MOVS CONNECTED TO INLET	MS PREMIMUM FROM MS BLENDING UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2857	25.06.2025	MOVS CONNECTED TO INLET	MS PREMIMUM FROM MS BLENDING DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2858	25.06.2025	MOVS CONNECTED TO INLET	MINIMUM FLOW HEADER MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2859	25.06.2025	MOVS CONNECTED TO INLET	MINIMUM FLOW HEADER MOV DOWNSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2860	25.06.2025	MOVS CONNECTED TO INLET	ITT HEADER HOV UPSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2861	25.06.2025	MOVS CONNECTED TO INLET	ITT HEADER HOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2862	25.06.2025	MOVS CONNECTED TO INLET	RECIRCULATION MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2863	25.06.2025	MOVS CONNECTED TO INLET	RECIRCULATION MOV DOWN STEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2864	25.06.2025	MOVS CONNECTED TO INLET	MFA FROM DOSING SKIT MOV UPSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2865	25.06.2025	MOVS CONNECTED TO INLET	MFA FROM DOSING SKIT MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2866	25.06.2025	MOVS CONNECTED TO INLET	OUTLET HEADER MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2867	25.06.2025	MOVS CONNECTED TO INLET	OUTLET HEADER MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2868	25.06.2025	MOVS CONNECTED TO INLET	OUTLET HEADER PSV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2869	25.06.2025	MOVS CONNECTED TO INLET	OUTLET HEADER PSV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2870	25.06.2025	MOVS CONNECTED TO INLET	STREAM HOV - 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2871	25.06.2025	MOVS CONNECTED TO INLET	STREAM HOV - 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2872	25.06.2025	MOVS CONNECTED TO INLET	STREAM HOV - 2 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2873	25.06.2025	MOVS CONNECTED TO INLET	STREAM HOV - 2 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2874	25.06.2025	MS TANK NO 14 TANK TOP	RIM SEAL EAST	Flange	2.2	0.8	100	0.000006	8760	0.056236
2875	25.06.2025	MS TANK NO 14 TANK TOP	RIM SEAL WEST	Flange	1.1	0.8	100	0.000004	8760	0.034546
2876	25.06.2025	MS TANK NO 14 TANK TOP	RIM SEAL NORTH	Flange	1.0	0.8	100	0.000004	8760	0.032307
2877	25.06.2025	MS TANK NO 14 TANK TOP	RIM SEAL SOUTH	Flange	0.8	0.8	100	0.000003	8760	0.027616
2878	25.06.2025	MS TANK NO 14 TANK TOP	DIPHATCH	Flange	0.7	0.8	100	0.000003	8760	0.025142
2879	25.06.2025	MSR TANK NO 8 INSIDE DYKE	RECIRCULATION MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2880	25.06.2025	MSR TANK NO 8 INSIDE DYKE	RECIRCULATION MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2881	25.06.2025	MSR TANK NO 8 INSIDE DYKE	INLET XZV 5088 UPSTEAM	Flange	0.2	0.8	100	0.000001	8760	0.010421
2882	25.06.2025	MSR TANK NO 8 INSIDE DYKE	INLET XZV 5088 DOWN STEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2883	25.06.2025	MSR TANK NO 8 INSIDE DYKE	SUMP DRAIN - 1 HOV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2884	25.06.2025	MSR TANK NO 8 INSIDE DYKE	SUMP DRAIN - 1 HOV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000

2885	25.06.2025	MSR TANK NO 8 INSIDE DYKE	SUMP DRAIN - 1 HOV 2 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2886	25.06.2025	MSR TANK NO 8 INSIDE DYKE	SUMP DRAIN - 1 HOV 2 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2887	25.06.2025	MSR TANK NO 8 INSIDE DYKE	SUMP DRAIN - 1 HOV 3 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2888	25.06.2025	MSR TANK NO 8 INSIDE DYKE	SUMP DRAIN - 1 HOV 3 DOWNSTEAM	Flange	0.2	0.8	100	0.000001	8760	0.010421
2889	25.06.2025	MSR TANK NO 8 INSIDE DYKE	SUMP DRAIN - 2 HOV 1 UPSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2890	25.06.2025	MSR TANK NO 8 INSIDE DYKE	SUMP DRAIN - 2 HOV 1 DOWNSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2891	25.06.2025	MSR TANK NO 8 INSIDE DYKE	SUMP DRAIN - 2 HOV 2 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2892	25.06.2025	MSR TANK NO 8 INSIDE DYKE	SUMP DRAIN - 2 HOV 2 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2893	25.06.2025	MSR TANK NO 8 INSIDE DYKE	SUMP DRAIN - 2 HOV 3 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2894	25.06.2025	MSR TANK NO 8 INSIDE DYKE	SUMP DRAIN - 2 HOV 3 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2895	25.06.2025	MSR TANK NO 8 INSIDE DYKE	SUMP DRAIN - 3 HOV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2896	25.06.2025	MSR TANK NO 8 INSIDE DYKE	SUMP DRAIN - 3 HOV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2897	25.06.2025	MSR TANK NO 8 INSIDE DYKE	SUMP DRAIN - 3 HOV 2 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2898	25.06.2025	MSR TANK NO 8 INSIDE DYKE	SUMP DRAIN - 3 HOV 2 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2899	25.06.2025	MSR TANK NO 8 INSIDE DYKE	SUMP DRAIN - 3 HOV 3 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2900	25.06.2025	MSR TANK NO 8 INSIDE DYKE	SUMP DRAIN - 3 HOV 3 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2901	25.06.2025	MSR TANK NO 8 INSIDE DYKE	SUMP DRAIN - 4 HOV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2902	25.06.2025	MSR TANK NO 8 INSIDE DYKE	SUMP DRAIN - 4 HOV 1 DOWNSTEAM	Flange	0.2	0.8	100	0.000001	8760	0.010421
2903	25.06.2025	MSR TANK NO 8 INSIDE DYKE	SUMP DRAIN - 4 HOV 2 UPSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2904	25.06.2025	MSR TANK NO 8 INSIDE DYKE	SUMP DRAIN - 4 HOV 2 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2905	25.06.2025	MSR TANK NO 8 INSIDE DYKE	SUMP DRAIN - 4 HOV 3 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2906	25.06.2025	MSR TANK NO 8 INSIDE DYKE	SUMP DRAIN - 4 HOV 3 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2907	25.06.2025	MSR TANK NO 8 INSIDE DYKE	PESSURE TRANSMITTER HOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2908	25.06.2025	MSR TANK NO 8 INSIDE DYKE	PESSURE TRANSMITTER HOV DOWN TEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2909	25.06.2025	MSR TANK NO 8 INSIDE DYKE	MAN HOLE - 1	Flange	0.0	0.8	100	0.000000	8760	0.000000
2910	25.06.2025	MSR TANK NO 8 INSIDE DYKE	MAN HOLE - 2	Flange	0.0	0.8	100	0.000000	8760	0.000000
2911	25.06.2025	MSR TANK NO 8 INSIDE DYKE	MAN HOLE - 3	Flange	0.0	0.8	100	0.000000	8760	0.000000
2912	25.06.2025	MSR TANK NO 8 INSIDE DYKE	HEEL STRPING MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2913	25.06.2025	MSR TANK NO 8 INSIDE DYKE	HEEL STRPING MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2914	25.06.2025	MSR TANK NO 8 INSIDE DYKE	OUTLET XZV 5056 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2915	25.06.2025	MSR TANK NO 8 INSIDE DYKE	OUTLET XZV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2916	25.06.2025	MSR TANK NO 8 INSIDE DYKE	CLEAN OUT DOOR	Flange	0.0	0.8	100	0.000000	8760	0.000000
2917	25.06.2025	MSR TANK NO 8 INSIDE DYKE	INLET HEADER MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2918	25.06.2025	MSR TANK NO 8 INSIDE DYKE	INLET HEADER MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2919	25.06.2025	MSR TANK NO 8 INSIDE DYKE	INLET HEADER MOV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2920	25.06.2025	MSR TANK NO 8 INSIDE DYKE	INLET HEADER MOV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2921	25.06.2025	MSR TANK NO 8 INSIDE DYKE	INLET HEADER MOV 2 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2922	25.06.2025	MSR TANK NO 8 INSIDE DYKE	INLET HEADER MOV 2 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2923	25.06.2025	MSR TANK NO 8 INSIDE DYKE	INLET HEADER MOV 3 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2924	25.06.2025	MSR TANK NO 8 INSIDE DYKE	INLET HEADER MOV 3 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2925	25.06.2025	MSR TANK NO 8 INSIDE DYKE	MINIMUM FLOW HEADER MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2926	25.06.2025	MSR TANK NO 8 INSIDE DYKE	MINIMUM FLOW HEADER MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2927	25.06.2025	MSR TANK NO 8 INSIDE DYKE	RECIRCULATION HEADER MOV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2928	25.06.2025	MSR TANK NO 8 INSIDE DYKE	RECIRCULATION HEADER MOV 1 DOWN STEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2929	25.06.2025	MSR TANK NO 8 INSIDE DYKE	RECIRCULATION HEADER MOV 2 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2930	25.06.2025	MSR TANK NO 8 INSIDE DYKE	RECIRCULATION HEADER MOV 2 DOWN STEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2931	25.06.2025	MSR TANK NO 8 INSIDE DYKE	RECIRCULATION HEADER MOV 3 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2932	25.06.2025	MSR TANK NO 8 INSIDE DYKE	RECIRCULATION HEADER MOV 3 DOWN STEAM	Flange	0.2	0.8	100	0.000001	8760	0.010421
2933	25.06.2025	MSR TANK NO 8 INSIDE DYKE	OUTLET HEADER MOV UPSTEAM	Flange	0.2	0.8	100	0.000001	8760	0.010421
2934	25.06.2025	MSR TANK NO 8 INSIDE DYKE	OUTLET HEADER MOV DOWNSTEAM	Flange	0.2	0.8	100	0.000001	8760	0.010421
2935	25.06.2025	MSR TANK NO 8 INSIDE DYKE	PUMP 04 AB SUCTION HEADER UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2936	25.06.2025	MSR TANK NO 8 INSIDE DYKE	PUMP 04 AB SUCTION HEADER DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2937	25.06.2025	MSR TANK NO 8 INSIDE DYKE	PUMP 25 AB 1 SUCTION HEADER UPSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2938	25.06.2025	MSR TANK NO 8 INSIDE DYKE	PUMP 25 AB 1 AB SUCTION HEADER DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2939	25.06.2025	MSR TANK NO 8 INSIDE DYKE	PUMP 25 AB 2 SUCTION HEADER UPSTEAM	Flange	0.2	0.8	100	0.000001	8760	0.010421
2940	25.06.2025	MSR TANK NO 8 INSIDE DYKE	PUMP 25 AB 2 AB SUCTION HEADER DOWNSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2941	25.06.2025	MSR TANK NO 8 INSIDE DYKE	PUMP 03 ABC SUCTION HEADER UPSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2942	25.06.2025	MSR TANK NO 8 INSIDE DYKE	PUMP 03 ABC SUCTION HEADER DOWNSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2943	25.06.2025	MSR TANK NO 8 INSIDE DYKE	MS REGULAR FROM NAPTHA END	Flange	0.0	0.8	100	0.000000	8760	0.000000
2944	25.06.2025	MSR TANK NO 8 INSIDE DYKE	INLET HEADER PSV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2945	25.06.2025	MSR TANK NO 8 INSIDE DYKE	INLET HEADER PSV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2946	25.06.2025	MSR TANK NO 8 INSIDE DYKE	STREAM HOV - 1 UPSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2947	25.06.2025	MSR TANK NO 8 INSIDE DYKE	STREAM HOV - 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2948	25.06.2025	MSR TANK NO 8 INSIDE DYKE	STREAM HOV - 2 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2949	25.06.2025	MSR TANK NO 8 INSIDE DYKE	STREAM HOV - 2 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2950	25.06.2025	MSR TANK NO 8 INSIDE DYKE	OUTLET HEADER PSV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2951	25.06.2025	MSR TANK NO 8 INSIDE DYKE	OUTLET HEADER PSV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2952	25.06.2025	MSR TANK NO 8 INSIDE DYKE	STREAM HOV - 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2953	25.06.2025	MSR TANK NO 8 INSIDE DYKE	STREAM HOV - 1 DOWNSTEAM	Flange	0.3	0.8	100	0.000002	8760	0.013858
2954	25.06.2025	MSR TANK NO 8 INSIDE DYKE	OTHER PSVS	Flange	0.0	0.8	100	0.000000	8760	0.000000
2955	25.06.2025	MSR TANK NO 8 INSIDE DYKE	OTHER PSVS	Flange	0.0	0.8	100	0.000000	8760	0.000000
2956	25.06.2025	MSR TANK NO 8 INSIDE DYKE	OTHER PSVS	Flange	0.0	0.8	100	0.000000	8760	0.000000
2957	25.06.2025	MSR TANK NO 8 INSIDE DYKE	OTHER PSVS	Flange	0.0	0.8	100	0.000000	8760	0.000000
2958	25.06.2025	MSR TANK NO 8 INSIDE DYKE	OTHER PSVS	Flange	0.0	0.8	100	0.000000	8760	0.000000
2959	25.06.2025	MSR TANK NO 8 INSIDE DYKE	OTHER PSVS	Flange	0.0	0.8	100	0.000000	8760	0.000000
2960	25.06.2025	MSR TANK NO 8 INSIDE DYKE	OTHER PSVS	Flange	0.0	0.8	100	0.000000	8760	0.000000
2961	25.06.2025	MSR TANK NO 8 INSIDE DYKE	OTHER PSVS	Flange	0.0	0.8	100	0.000000	8760	0.000000
2962	25.06.2025	MSR TANK NO 8 INSIDE DYKE	OTHER PSVS	Flange	0.0	0.8	100	0.000000	8760	0.000000
2963	25.06.2025	MSR TANK NO 8 INSIDE DYKE	OTHER PSVS	Flange	0.0	0.8	100	0.000000	8760	0.000000
2964	25.06.2025	MSR TANK NO 8 INSIDE DYKE	STREAM HOVS	Flange	0.0	0.8	100	0.000000	8760	0.000000
2965	25.06.2025	MSR TANK NO 8 INSIDE DYKE	STREAM HOVS	Flange	0.1	0.8	100	0.000001	8760	0.006402
2966	25.06.2025	MSR TANK NO 8 INSIDE DYKE	STREAM HOVS	Flange	0.1	0.8	100	0.000001	8760	0.006402
2967	25.06.2025	MSR TANK NO 8 INSIDE DYKE	STREAM HOVS	Flange	0.0	0.8	100	0.000000	8760	0.000000
2968	25.06.2025	MSR TANK NO 8 INSIDE DYKE	STREAM HOVS	Flange	0.1	0.8	100	0.000001	8760	0.006402
2969	25.06.2025	MSR TANK NO 8 INSIDE DYKE	STREAM HOVS	Flange	0.0	0.8	100	0.000000	8760	0.000000
2970	25.06.2025	MSR TANK NO 8 INSIDE DYKE	STREAM HOVS	Flange	0.0	0.8	100	0.000000	8760	0.000000
2971	25.06.2025	MSR TANK NO 8 INSIDE DYKE	STREAM HOVS	Flange	0.0	0.8	100	0.000000	8760	0.000000

2972	25.06.2025	MSR TANK NO 8 INSIDE DYKE	STREAM HOVS	Flange	0.0	0.8	100	0.000000	8760	0.000000
2973	25.06.2025	MSR TANK NO 8 INSIDE DYKE	STREAM HOVS	Flange	0.0	0.8	100	0.000000	8760	0.000000
2974	25.06.2025	MSR TANK NO 8 TANK TOP	RIM SEAL EAST	Flange	1.4	0.8	100	0.000005	8760	0.040928
2975	25.06.2025	MSR TANK NO 8 TANK TOP	RIM SEAL WEST	Flange	0.9	0.8	100	0.000003	8760	0.030000
2976	25.06.2025	MSR TANK NO 8 TANK TOP	RIM SEAL NORTH	Flange	0.9	0.8	100	0.000003	8760	0.030000
2977	25.06.2025	MSR TANK NO 8 TANK TOP	RIM SEAL SOUTH	Flange	0.8	0.8	100	0.000003	8760	0.027616
2978	25.06.2025	MSR TANK NO 8 TANK TOP	DIPHATCH	Flange	0.9	0.8	100	0.000003	8760	0.030000
2979	25.06.2025	MS DOSING TANK 205-TK-100	OUTLET HOV UP STEAM	Flange	0.5	0.8	100	0.000002	8760	0.019846
2980	25.06.2025	MS DOSING TANK 205-TK-100	OUTLET HOV DOWN STEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2981	25.06.2025	MS DOSING TANK 205-TK-100	INLET HOV UP STEAM	Flange	0.2	0.8	100	0.000001	8760	0.010421
2982	25.06.2025	MS DOSING TANK 205-TK-100	INLET HOV DOWN STEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2983	25.06.2025	MS DOSING TANK 205-TK-100	LEVEL GAUGE HOV 1 UP STEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2984	25.06.2025	MS DOSING TANK 205-TK-100	LEVEL GAUGE HOV 1DOWN STEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2985	25.06.2025	MS DOSING TANK 205-TK-100	LEVEL GAUGE HOV 2 UP STEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2986	25.06.2025	MS DOSING TANK 205-TK-100	LEVEL GAUGE HOV 2 DOWN STEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2987	25.06.2025	MS DOSING TANK 205-TK-100	PT GAUGE&DRAIN LEVEL HOV 1 UP STEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2988	25.06.2025	MS DOSING TANK 205-TK-100	PT GAUGE&DRAIN LEVEL HOV 1 DOWN STEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2989	25.06.2025	MS DOSING TANK 205-TK-100	PT GAUGE&DRAIN LEVEL HOV 2 UP STEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2990	25.06.2025	MS DOSING TANK 205-TK-100	PT GAUGE&DRAIN LEVEL HOV 2 DOWN STEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2991	25.06.2025	MS DOSING TANK 205-TK-100	PT GAUGE&DRAIN LEVEL HOV 3 UP STEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2992	25.06.2025	MS DOSING TANK 205-TK-100	PT GAUGE&DRAIN LEVEL HOV 3 DOWN STEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2993	25.06.2025	MS DOSING TANK 205-TK-101	OUTLET HOV UP STEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2994	25.06.2025	MS DOSING TANK 205-TK-101	OUTLET HOV DOWN STEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2995	25.06.2025	MS DOSING TANK 205-TK-101	INLET HOV UP STEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2996	25.06.2025	MS DOSING TANK 205-TK-101	INLET HOV DOWN STEAM	Flange	0.9	0.8	100	0.000003	8760	0.030000
2997	25.06.2025	MS DOSING TANK 205-TK-101	LEVEL GAUGE HOV 1 UP STEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2998	25.06.2025	MS DOSING TANK 205-TK-101	LEVEL GAUGE HOV 1DOWN STEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2999	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 A	PUMP SUCTION MOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3000	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 A	PUMP SUCTION MOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3001	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 A	PUMP SUCTION MOV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3002	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 A	PUMP SUCTION MOV 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3003	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 A	SUCTION STRAINER	Flange	0.0	1	100	0.000000	8760	0.000000
3004	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 A	STRAINER HOV - 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3005	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 A	STRAINER HOV - 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3006	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 A	PUMP SUCTION DISCHARGE HOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3007	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 A	PUMP SUCTION DISCHARGE HOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3008	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 A	NRV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3009	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 A	NRV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3010	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 A	DISCHARGE LINE DRAIN HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3011	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 A	DISCHARGE LINE DRAIN HOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3012	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 A	DISCHARGE LINE DRAIN MOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3013	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 A	DISCHARGE LINE DRAIN MOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3014	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 A	DISCHARGE LINE DRAIN MOV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3015	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 A	DISCHARGE LINE DRAIN MOV 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3016	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 A	FCV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3017	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 A	FCV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3018	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 A	HOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3019	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 A	HOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3020	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 A	HOV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3021	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 A	HOV 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3022	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 A	HOV 3 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3023	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 A	HOV 3 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3024	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 B	PUMP SUCTION MOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3025	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 B	PUMP SUCTION MOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3026	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 B	PUMP SUCTION MOV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3027	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 B	PUMP SUCTION MOV 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3028	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 B	SUCTION STRAINER	Flange	0.0	1	100	0.000000	8760	0.000000
3029	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 B	STRAINER HOV - 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3030	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 B	STRAINER HOV - 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3031	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 B	PUMP SUCTION DISCHARGE HOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3032	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 B	PUMP SUCTION DISCHARGE HOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3033	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 B	NRV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3034	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 B	NRV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3035	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 B	DISCHARGE LINE DRAIN HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3036	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 B	DISCHARGE LINE DRAIN HOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3037	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 B	DISCHARGE LINE DRAIN MOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3038	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 B	DISCHARGE LINE DRAIN MOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3039	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 B	DISCHARGE LINE DRAIN MOV 2 UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3040	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 B	DISCHARGE LINE DRAIN MOV 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3041	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 C	PUMP SUCTION MOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3042	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 C	PUMP SUCTION MOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3043	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 C	PUMP SUCTION MOV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3044	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 C	PUMP SUCTION MOV 2 DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3045	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 C	SUCTION STRAINER	Flange	0.0	1	100	0.000000	8760	0.000000
3046	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 C	STRAINER HOV - 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3047	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 C	STRAINER HOV - 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3048	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 C	PUMP SUCTION DISCHARGE HOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3049	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 C	PUMP SUCTION DISCHARGE HOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3050	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 C	NRV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3051	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 C	NRV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3052	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 C	DISCHARGE LINE DRAIN HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3053	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 C	DISCHARGE LINE DRAIN HOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3054	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 C	DISCHARGE LINE DRAIN MOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3055	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 C	DISCHARGE LINE DRAIN MOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3056	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 C	DISCHARGE LINE DRAIN MOV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3057	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 C	DISCHARGE LINE DRAIN MOV 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3058	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 D	PUMP SUCTION MOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000

3059	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 D	PUMP SUCTION MOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3060	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 D	PUMP SUCTION MOV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3061	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 D	PUMP SUCTION MOV 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3062	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 D	SUCTION STRAINER	Flange	0.0	1	100	0.000000	8760	0.000000
3063	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 D	STRAINER HOV - 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3064	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 D	STRAINER HOV - 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3065	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 D	PUMP SUCTION DISCHARGE HOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3066	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 D	PUMP SUCTION DISCHARGE HOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3067	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 D	NRV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3068	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 D	NRV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3069	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 D	DISCHARGE LINE DRAIN HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3070	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 D	DISCHARGE LINE DRAIN HOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3071	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 D	DISCHARGE LINE DRAIN MOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3072	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 D	DISCHARGE LINE DRAIN MOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3073	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 D	DISCHARGE LINE DRAIN MOV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3074	25.06.2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 D	DISCHARGE LINE DRAIN MOV 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3075	25.06.2025	PIG LANGER NAPTHA LINE	MOV-1- UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3076	25.06.2025	PIG LANGER NAPTHA LINE	MOV-1- DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3077	25.06.2025	PIG LANGER NAPTHA LINE	XZV 0084 UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3078	25.06.2025	PIG LANGER NAPTHA LINE	XZV 0084 DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3079	25.06.2025	PIG LANGER NAPTHA LINE	PSV LINE FLANGES	Flange	0.0	1	100	0.000000	8760	0.000000
3080	25.06.2025	PIG LANGER NAPTHA LINE	PSV LINE FLANGES	Flange	0.0	1	100	0.000000	8760	0.000000
3081	25.06.2025	PIG LANGER NAPTHA LINE	PSV LINE FLANGES	Flange	0.0	1	100	0.000000	8760	0.000000
3082	25.06.2025	PIG LANGER NAPTHA LINE	PSV LINE FLANGES	Flange	0.0	1	100	0.000000	8760	0.000000
3083	25.06.2025	PIG LANGER NAPTHA LINE	PSV LINE FLANGES	Flange	0.0	1	100	0.000000	8760	0.000000
3084	25.06.2025	PIG LANGER NAPTHA LINE	MOV-3- UP STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3085	25.06.2025	PIG LANGER NAPTHA LINE	MOV-3- DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3086	25.06.2025	PIG LANGER NAPTHA LINE	DRAIN LINE FLANGES	Flange	0.0	1	100	0.000000	8760	0.000000
3087	25.06.2025	BY PASS LINE	MOV-1- UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3088	25.06.2025	BY PASS LINE	MOV-1- DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3089	25.06.2025	BY PASS LINE	MOV-2- UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3090	25.06.2025	BY PASS LINE	MOV-2- DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3091	25.06.2025	MSP LINE	MOV-1- UP STEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3092	25.06.2025	MSP LINE	MOV-1- DOWN STEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3093	25.06.2025	MSP LINE	XZV 0081 UP STEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3094	25.06.2025	MSP LINE	XZV 0081 DOWN STEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3095	25.06.2025	MSP LINE	PSV LINE FLANGES	Flange	0.0	0.8	100	0.000000	8760	0.000000
3096	25.06.2025	MSP LINE	PSV LINE FLANGES	Flange	0.0	0.8	100	0.000000	8760	0.000000
3097	25.06.2025	MSP LINE	PSV LINE FLANGES	Flange	0.0	0.8	100	0.000000	8760	0.000000
3098	25.06.2025	MSP LINE	PSV LINE FLANGES	Flange	0.0	0.8	100	0.000000	8760	0.000000
3099	25.06.2025	MSP LINE	PSV LINE FLANGES	Flange	0.0	0.8	100	0.000000	8760	0.000000
3100	25.06.2025	MSP LINE	MOV-3- UP STEAM(205-MOV-0529)	Flange	0.1	0.8	100	0.000001	8760	0.006402
3101	25.06.2025	MSP LINE	MOV-3- DOWN STEAM(205-MOV-0529)	Flange	0.0	0.8	100	0.000000	8760	0.000000
3102	25.06.2025	MSP LINE	DRAIN LINE FLANGES	Flange	0.0	0.8	100	0.000000	8760	0.000000
3103	25.06.2025	BY PASS LINE	MOV-1- UP STEAM(205-MOV-0528)	Flange	0.0	1	100	0.000000	8760	0.000000
3104	25.06.2025	BY PASS LINE	MOV-1- DOWN STEAM(205-MOV-0528)	Flange	0.0	1	100	0.000000	8760	0.000000
3105	25.06.2025	BY PASS LINE	MOV-2- UP STEAM(205-MOV-0530)	Flange	0.0	1	100	0.000000	8760	0.000000
3106	25.06.2025	BY PASS LINE	MOV-2- DOWN STEAM(205-MOV-0530)	Flange	0.2	1	100	0.000001	8760	0.013027
3107	25.06.2025	PARAXYLENE LINE	MOV-1- UP STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3108	25.06.2025	PARAXYLENE LINE	MOV-1- DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3109	25.06.2025	PARAXYLENE LINE	XZV 0071 UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3110	25.06.2025	PARAXYLENE LINE	XZV 0071 DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3111	25.06.2025	PARAXYLENE LINE	PSV LINE FLANGES	Flange	0.0	1	100	0.000000	8760	0.000000
3112	25.06.2025	PARAXYLENE LINE	PSV LINE FLANGES	Flange	0.1	1	100	0.000001	8760	0.008002
3113	25.06.2025	PARAXYLENE LINE	PSV LINE FLANGES	Flange	0.1	1	100	0.000001	8760	0.008002
3114	25.06.2025	PARAXYLENE LINE	PSV LINE FLANGES	Flange	0.0	1	100	0.000000	8760	0.000000
3115	25.06.2025	PARAXYLENE LINE	PSV LINE FLANGES	Flange	0.1	1	100	0.000001	8760	0.008002
3116	25.06.2025	PARAXYLENE LINE	MOV-3- UP STEAM(205-MOV-0499)	Flange	0.0	1	100	0.000000	8760	0.000000
3117	25.06.2025	PARAXYLENE LINE	MOV-3- DOWN STEAM(205-MOV-0499)	Flange	0.0	1	100	0.000000	8760	0.000000
3118	25.06.2025	PARAXYLENE LINE	DRAIN LINE FLANGES	Flange	0.0	1	100	0.000000	8760	0.000000
3119	25.06.2025	PARAXYLENE LINE	MOV-1- UP STEAM(205-MOV-0203)	Flange	0.0	1	100	0.000000	8760	0.000000
3120	25.06.2025	PARAXYLENE LINE	MOV-1- DOWN STEAM(205-MOV-0203)	Flange	0.1	1	100	0.000001	8760	0.008002
3121	25.06.2025	PARAXYLENE LINE	MOV-2- UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3122	25.06.2025	PARAXYLENE LINE	MOV-2- DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3123	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005A	PUMP SUCTION MOV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3124	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005A	PUMP SUCTION MOV 1 DOWNSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
3125	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005A	SUCTION STRAINER	Flange	0.0	0.8	100	0.000000	8760	0.000000
3126	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005A	STRAINER HOV - 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3127	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005A	STRAINER HOV - 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3128	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005A	NRV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3129	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005A	NRV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3130	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005A	DISCHARGE LINE DRAIN HOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3131	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005A	DISCHARGE LINE DRAIN HOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3132	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005A	DISCHARGE LINE DRAIN MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3133	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005A	DISCHARGE LINE DRAIN MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3134	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005A	PUMP SUCTION DISCHARGE HOV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3135	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005A	PUMP SUCTION DISCHARGE HOV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3136	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005B	PUMP SUCTION MOV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3137	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005B	PUMP SUCTION MOV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3138	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005B	SUCTION STRAINER	Flange	0.0	0.8	100	0.000000	8760	0.000000
3139	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005B	STRAINER HOV - 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3140	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005B	STRAINER HOV - 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3141	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005B	NRV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3142	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005B	NRV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3143	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005B	DISCHARGE LINE DRAIN HOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3144	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005B	DISCHARGE LINE DRAIN HOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3145	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005B	DISCHARGE LINE DRAIN MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000

3146	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005B	DISCHARGE LINE DRAIN MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3147	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005B	PUMP SUCTION DISCHARGE HOV 1 UPSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
3148	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005B	PUMP SUCTION DISCHARGE HOV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3149	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005C	PUMP SUCTION MOV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3150	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005C	PUMP SUCTION MOV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3151	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005C	SUCTION STRAINER	Flange	0.0	0.8	100	0.000000	8760	0.000000
3152	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005C	STRAINER HOV - 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3153	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005C	STRAINER HOV - 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3154	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005C	NRV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3155	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005C	NRV 1 DOWNSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
3156	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005C	DISCHARGE LINE DRAIN HOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3157	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005C	DISCHARGE LINE DRAIN HOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3158	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005C	PUMP SUCTION DISCHARGE HOV 1 UPSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
3159	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005C	PUMP SUCTION DISCHARGE HOV 1 DOWNSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
3160	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 025A	PUMP SUCTION MOV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3161	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 025A	PUMP SUCTION MOV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3162	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 025A	SUCTION STRAINER	Flange	0.0	0.8	100	0.000000	8760	0.000000
3163	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 025A	STRAINER HOV - 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3164	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 025A	STRAINER HOV - 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3165	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 025A	NRV 1 UPSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
3166	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 025A	NRV 1 DOWNSTEAM	Flange	0.2	0.8	100	0.000001	8760	0.010421
3167	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 025A	DISCHARGE LINE DRAIN HOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3168	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 025A	DISCHARGE LINE DRAIN HOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3169	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 025A	DISCHARGE LINE DRAIN MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3170	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 025A	DISCHARGE LINE DRAIN MOV DOWNSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
3171	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 025A	PUMP SUCTION DISCHARGE HOV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3172	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 025A	PUMP SUCTION DISCHARGE HOV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3173	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 025B	PUMP SUCTION MOV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3174	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 025B	PUMP SUCTION MOV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3175	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 025B	SUCTION STRAINER	Flange	0.0	0.8	100	0.000000	8760	0.000000
3176	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 025B	STRAINER HOV - 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3177	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 025B	STRAINER HOV - 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3178	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 025B	DISCHARGE LINE DRAIN HOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3179	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 025B	DISCHARGE LINE DRAIN HOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3180	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 025B	DISCHARGE LINE DRAIN MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3181	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 025B	DISCHARGE LINE DRAIN MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3182	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 025B	PUMP SUCTION DISCHARGE HOV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3183	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 025B	PUMP SUCTION DISCHARGE HOV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3184	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 004A	PUMP SUCTION MOV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3185	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 004A	PUMP SUCTION MOV 1 DOWNSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
3186	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 004A	SUCTION STRAINER	Flange	0.1	0.8	100	0.000001	8760	0.006402
3187	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 004A	STRAINER HOV - 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3188	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 004A	STRAINER HOV - 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3189	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 004A	NRV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3190	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 004A	NRV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3191	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 004A	DISCHARGE LINE DRAIN HOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3192	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 004A	DISCHARGE LINE DRAIN HOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3193	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 004A	DISCHARGE LINE DRAIN MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3194	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 004A	DISCHARGE LINE DRAIN MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3195	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 004A	PUMP SUCTION DISCHARGE HOV 1 UPSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
3196	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 004A	PUMP SUCTION DISCHARGE HOV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3197	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 004B	PUMP SUCTION MOV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3198	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 004B	PUMP SUCTION MOV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3199	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 004B	SUCTION STRAINER	Flange	0.2	0.8	100	0.000001	8760	0.010421
3200	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 004B	STRAINER HOV - 1 UPSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
3201	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 004B	STRAINER HOV - 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3202	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 004B	NRV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3203	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 004B	NRV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3204	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 004B	DISCHARGE LINE DRAIN HOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3205	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 004B	DISCHARGE LINE DRAIN HOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3206	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 004B	DISCHARGE LINE DRAIN MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3207	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 004B	DISCHARGE LINE DRAIN MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3208	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 004B	PUMP SUCTION DISCHARGE HOV 1 UPSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
3209	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 004B	PUMP SUCTION DISCHARGE HOV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3210	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003A	PUMP SUCTION MOV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3211	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003A	PUMP SUCTION MOV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3212	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003A	SUCTION STRAINER	Flange	0.0	0.8	100	0.000000	8760	0.000000
3213	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003A	STRAINER HOV - 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3214	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003A	STRAINER HOV - 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3215	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003A	NRV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3216	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003A	NRV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3217	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003A	DISCHARGE LINE DRAIN HOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3218	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003A	DISCHARGE LINE DRAIN HOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3219	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003A	DISCHARGE LINE DRAIN MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3220	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003A	DISCHARGE LINE DRAIN MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3221	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003A	PUMP SUCTION DISCHARGE HOV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3222	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003A	PUMP SUCTION DISCHARGE HOV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3223	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003B	PUMP SUCTION MOV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3224	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003B	PUMP SUCTION MOV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3225	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003B	SUCTION STRAINER	Flange	0.0	0.8	100	0.000000	8760	0.000000
3226	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003B	STRAINER HOV - 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3227	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003B	STRAINER HOV - 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3228	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003B	NRV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3229	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003B	NRV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3230	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003B	DISCHARGE LINE DRAIN HOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3231	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003B	DISCHARGE LINE DRAIN HOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3232	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003B	DISCHARGE LINE DRAIN MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000

3233	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003B	DISCHARGE LINE DRAIN MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3234	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003B	PUMP SUCTION DISCHARGE HOV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3235	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003B	PUMP SUCTION DISCHARGE HOV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3236	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003C	PUMP SUCTION MOV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3237	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003C	PUMP SUCTION MOV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3238	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003C	SUCTION STRAINER	Flange	0.0	0.8	100	0.000000	8760	0.000000
3239	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003C	STRAINER HOV - 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3240	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003C	STRAINER HOV - 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3241	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003C	NRV 1 UPSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
3242	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003C	NRV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3243	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003C	DISCHARGE LINE DRAIN HOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3244	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003C	DISCHARGE LINE DRAIN HOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3245	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003C	DISCHARGE LINE DRAIN MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3246	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003C	DISCHARGE LINE DRAIN MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3247	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003C	PUMP SUCTION DISCHARGE HOV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3248	25.06.2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003C	PUMP SUCTION DISCHARGE HOV 1 DOWNSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
3249	25.06.2025	FLOW CONTROL VALVE EAST SIDE OF PH03	FCV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3250	25.06.2025	FLOW CONTROL VALVE EAST SIDE OF PH03	FCV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3251	25.06.2025	FLOW CONTROL VALVE EAST SIDE OF PH03	HOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3252	25.06.2025	FLOW CONTROL VALVE EAST SIDE OF PH03	HOV 1 DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3253	25.06.2025	FLOW CONTROL VALVE EAST SIDE OF PH03	HOV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3254	25.06.2025	FLOW CONTROL VALVE EAST SIDE OF PH03	HOV 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3255	25.06.2025	FLOW CONTROL VALVE EAST SIDE OF PH03	HOV 3 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3256	25.06.2025	FLOW CONTROL VALVE EAST SIDE OF PH03	HOV 3 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3257	25.06.2025	FLOW CONTROL VALVE WEST SIDE OF PH03	FCV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3258	25.06.2025	FLOW CONTROL VALVE WEST SIDE OF PH03	FCV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3259	25.06.2025	FLOW CONTROL VALVE WEST SIDE OF PH03	HOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3260	25.06.2025	FLOW CONTROL VALVE WEST SIDE OF PH03	HOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3261	25.06.2025	FLOW CONTROL VALVE WEST SIDE OF PH03	HOV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3262	25.06.2025	FLOW CONTROL VALVE WEST SIDE OF PH03	HOV 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3263	25.06.2025	FLOW CONTROL VALVE WEST SIDE OF PH03	HOV 3 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3264	25.06.2025	FLOW CONTROL VALVE WEST SIDE OF PH03	HOV 3 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3265	25.06.2025	DOSING SHED BRANCHES 205 PM 041A	SUCTION HOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3266	25.06.2025	DOSING SHED BRANCHES 205 PM 041A	SUCTION HOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3267	25.06.2025	DOSING SHED BRANCHES 205 PM 041A	SUCTION HOV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3268	25.06.2025	DOSING SHED BRANCHES 205 PM 041A	SUCTION HOV 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3269	25.06.2025	DOSING SHED BRANCHES 205 PM 041A	PUMP SUCTION DISCHARGE UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3270	25.06.2025	DOSING SHED BRANCHES 205 PM 041A	PUMP SUCTION DISCHARGE DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3271	25.06.2025	DOSING SHED BRANCHES 205 PM 041A	DISCHARGE NRV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3272	25.06.2025	DOSING SHED BRANCHES 205 PM 041A	DISCHARGE NRV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3273	25.06.2025	DOSING SHED BRANCHES 205 PM 041A	DISCHARGE HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3274	25.06.2025	DOSING SHED BRANCHES 205 PM 041A	DISCHARGE HOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3275	25.06.2025	DOSING SHED BRANCHES 205 PM 041B	SUCTION HOV 1 UPSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
3276	25.06.2025	DOSING SHED BRANCHES 205 PM 041B	SUCTION HOV 1 DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3277	25.06.2025	DOSING SHED BRANCHES 205 PM 041B	SUCTION HOV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3278	25.06.2025	DOSING SHED BRANCHES 205 PM 041B	SUCTION HOV 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3279	25.06.2025	DOSING SHED BRANCHES 205 PM 041B	PUMP SUCTION DISCHARGE UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3280	25.06.2025	DOSING SHED BRANCHES 205 PM 041B	PUMP SUCTION DISCHARGE DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3281	25.06.2025	DOSING SHED BRANCHES 205 PM 041B	DISCHARGE NRV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3282	25.06.2025	DOSING SHED BRANCHES 205 PM 041B	DISCHARGE NRV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3283	25.06.2025	DOSING SHED BRANCHES 205 PM 041B	DISCHARGE HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3284	25.06.2025	DOSING SHED BRANCHES 205 PM 041B	DISCHARGE HOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3285	25.06.2025	Flow control valve (South east corner of PH-06)	HOV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
3286	25.06.2025	Flow control valve (South east corner of PH-06)	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3287	25.06.2025	Flow control valve (South east corner of PH-06)	FCV-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
3288	25.06.2025	Flow control valve (South east corner of PH-06)	FCV-down steam	Flange	0.2	1	100	0.000001	8760	0.013027
3289	25.06.2025	Flow control valve (South east corner of PH-06)	HOV-2-UP steam	Flange	0.1	1	100	0.000001	8760	0.008002
3290	25.06.2025	Flow control valve (South east corner of PH-06)	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3291	25.06.2025	Flow control valve (South east corner of PH-06)	HOV-3-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
3292	25.06.2025	Flow control valve (South east corner of PH-06)	HOV-3-down steam	Flange	0.1	1	100	0.000001	8760	0.008002
3293	25.06.2025	Flow control valve (South east corner of PH-06)	HOV-4-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
3294	25.06.2025	Flow control valve (South east corner of PH-06)	HOV-4-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3295	25.06.2025	Flow control valve (South east corner of PH-06)	HOV-5-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
3296	25.06.2025	Flow control valve (South east corner of PH-06)	HOV-5-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3297	25.06.2025	PIPE LINE END FLANGE	PM-001 A/B/C suction heater	Flange	0.0	1	100	0.000000	8760	0.000000
3298	25.06.2025	PIPE LINE END FLANGE	LPG inter bullet vapour balancing line	Flange	0.1	1	100	0.000001	8760	0.008002
3299	25.06.2025	PIPE LINE END FLANGE	OFF spee LPG line	Flange	0.0	1	100	0.000000	8760	0.000000
3300	25.06.2025	PIPE LINE END FLANGE	1BT/Heel strepping heater	Flange	0.0	1	100	0.000000	8760	0.000000
3301	25.06.2025	PIPE LINE END FLANGE	Bleanding spillage off spee LPG line	Flange	0.0	1	100	0.000000	8760	0.000000
3302	25.06.2025	PIPE LINE END FLANGE	PRESSUERIZED LPG	Flange	0.0	1	100	0.000000	8760	0.000000
3303	25.06.2025	PIPE LINE END FLANGE	IBT DISCHARGE LINE	Flange	0.0	1	100	0.000000	8760	0.000000
3304	25.06.2025	PIPE LINE END FLANGE	PM 027A/B/C SUCTION HEADER	Flange	0.0	1	100	0.000000	8760	0.000000
3305	25.06.2025	PIPE LINE END FLANGE	PM 001 A/B/C MINIMUM FLOW LINE	Flange	0.0	1	100	0.000000	8760	0.000000
3306	25.06.2025	PIPE LINE END FLANGE	BULLET OUTLET HEADER	Flange	0.0	1	100	0.000000	8760	0.000000
3307	25.06.2025	PIPE LINE END FLANGE	LPG PIPELINE TRANSFER	Flange	0.0	1	100	0.000000	8760	0.000000
3308	25.06.2025	PIPE LINE END FLANGE	PUMP 28 A/B/C PROPYLENE IBT LINE	Flange	0.0	1	100	0.000000	8760	0.000000
3309	25.06.2025	PIPE LINE END FLANGE	PM 27 MINIMUM FLOW LINE	Flange	0.0	1	100	0.000000	8760	0.000000
3310	25.06.2025	PIPE LINE END FLANGE	LPG FROM BLENDING HEADER TOP OFF	Flange	0.0	1	100	0.000000	8760	0.000000
3311	25.06.2025	PIPE LINE END FLANGE	OFF SPEE LPG TO ALKYLATION BULLET	Flange	0.0	1	100	0.000000	8760	0.000000
3312	25.06.2025	PIPE LINE END FLANGE	LPG RETURN FROM TT LOADING LINE	Flange	0.0	1	100	0.000000	8760	0.000000
3313	25.06.2025	PIPE LINE END FLANGE	PM - 001 A/B/C DISCHARGE HEADER LINE	Flange	0.0	1	100	0.000000	8760	0.000000
3314	25.06.2025	FLOW control valve (NORTH east corner of PH-06)	HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000

3315	25.06.2025	FLOW control valve (NORTH east corner of PH-06)	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3316	25.06.2025	FLOW control valve (NORTH east corner of PH-06)	FCV-1-UP steam	Flange	0.1	1	100	0.000001	8760	0.008002
3317	25.06.2025	FLOW control valve (NORTH east corner of PH-06)	FCV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3318	25.06.2025	FLOW control valve (NORTH east corner of PH-06)	HOV-2-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
3319	25.06.2025	FLOW control valve (NORTH east corner of PH-06)	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3320	25.06.2025	FLOW control valve (NORTH east corner of PH-06)	HOV-3- BYPASS UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
3321	25.06.2025	FLOW control valve (NORTH east corner of PH-06)	HOV-3- BYPASS down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3322	25.06.2025	COMPRESSER HOUSE LBG	HOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3323	25.06.2025	COMPRESSER HOUSE LBG	HOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3324	25.06.2025	COMPRESSER HOUSE LBG	HOV 2 UPSTEAM	Flange	0.4	1	100	0.000002	8760	0.021206
3325	25.06.2025	COMPRESSER HOUSE LBG	HOV 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3326	25.06.2025	COMPRESSER HOUSE LBG	MOV 1 UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3327	25.06.2025	COMPRESSER HOUSE LBG	MOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3328	25.06.2025	COMPRESSER HOUSE LBG	MOV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3329	25.06.2025	COMPRESSER HOUSE LBG	MOV 2 DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3330	25.06.2025	PROTUCT TANK	TK 04 PSV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3331	25.06.2025	PROTUCT TANK	TK 04 PSV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3332	25.06.2025	PROTUCT TANK	TK 07 PSV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3333	25.06.2025	PROTUCT TANK	TK 07 PSV DOWN STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
3334	25.06.2025	PROTUCT TANK	TK 11 PSV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3335	25.06.2025	PROTUCT TANK	TK 11 PSV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3336	25.06.2025	PROTUCT TANK	TK 14 PSV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3337	25.06.2025	PROTUCT TANK	TK 14 PSV DOWN STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3338	25.06.2025	PROTUCT TANK	TK 08 PSV UP STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3339	25.06.2025	PROTUCT TANK	TK 08 PSV DOWN STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3340	25.06.2025	PROTUCT TANK	STREAM HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3341	25.06.2025	PUMP HOUSE 2	MOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3342	25.06.2025	PUMP HOUSE 2	MOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3343	25.06.2025	PUMP HOUSE 2	MOV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3344	25.06.2025	PUMP HOUSE 2	MOV 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3345	25.06.2025	PUMP HOUSE 2	HOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3346	25.06.2025	PUMP HOUSE 2	HOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3347	25.06.2025	OTHER FLANGES	HOV	Flange	0.0	1	100	0.000000	8760	0.000000
3348	25.06.2025	OTHER FLANGES	HOV	Flange	0.0	1	100	0.000000	8760	0.000000
3349	25.06.2025	OTHER FLANGES	HOV	Flange	0.0	1	100	0.000000	8760	0.000000
3350	25.06.2025	OTHER FLANGES	HOV	Flange	0.0	1	100	0.000000	8760	0.000000
3351	25.06.2025	OTHER FLANGES	HOV	Flange	0.0	1	100	0.000000	8760	0.000000
3352	25.06.2025	OTHER FLANGES	HOV	Flange	0.1	1	100	0.000001	8760	0.008002
3353	25.06.2025	crude tank area crude recipt live from south jetty at battery limit	200-xzv-0011 up steam	Flange	0.0	1	100	0.000000	8760	0.000000
3354	25.06.2025	crude tank area crude recipt live from south jetty at battery limit	200-xzv-0011 down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3355	24.06.2025	crude tank area crude recipt live from south jetty at battery limit	MOV-3 UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3356	24.06.2025	crude tank area crude recipt live from south jetty at battery limit	MOV-3 DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3357	24.06.2025	crude tank area crude recipt live from south jetty at battery limit	200-MOV-003 UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
3358	24.06.2025	crude tank area crude recipt live from south jetty at battery limit	200-MOV-003 DOWN steam	Flange	0.0	1	100	0.000000	8760	0.000000
3359	24.06.2025	crude tank area crude recipt live from south jetty at battery limit	200-MOV-016 UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
3360	24.06.2025	crude tank area crude recipt live from south jetty at battery limit	200-MOV-016 DOWN steam	Flange	0.0	1	100	0.000000	8760	0.000000
3361	24.06.2025	crude tank area crude recipt live from south jetty at battery limit	200-MOV-015 UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
3362	24.06.2025	crude tank area crude recipt live from south jetty at battery limit	200-MOV-015 DOWN steam	Flange	0.2	1	100	0.000001	8760	0.013027
3363	24.06.2025	crude tank area crude recipt From SPM/Pipe Line	200-MOV-01 BATTERY LIMIT	Flange	0.0	1	100	0.000000	8760	0.000000
3364	24.06.2025	crude tank area crude recipt From SPM/Pipe Line	FLANGE NO 2 CONNETING TO ONLINE SAMPLER	Flange	0.0	1	100	0.000000	8760	0.000000
3365	24.06.2025	crude tank area crude recipt From SPM/Pipe Line	INLET FLANGE TO PUMP NO 2	Flange	0.0	1	100	0.000000	8760	0.000000
3366	24.06.2025	crude tank area crude recipt From SPM/Pipe Line	INLET FLANGE TO PUMP NO 1	Flange	0.0	1	100	0.000000	8760	0.000000
3367	24.06.2025	crude tank area crude recipt From SPM/Pipe Line	FLANGE NO 2 CONNETING TO SAMPLER	Flange	0.0	1	100	0.000000	8760	0.000000
3368	24.06.2025	crude tank area crude recipt From SPM/Pipe Line	FLANGE NO 2 CONNETING TO SAMPLER	Flange	0.0	1	100	0.000000	8760	0.000000
3369	24.06.2025	CRude tank NO -1	OUTLET XZV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3370	24.06.2025	CRude tank NO -1	OUTLET XZV down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3371	24.06.2025	CRude tank NO -1	MANWAY A	Flange	0.0	1	100	0.000000	8760	0.000000
3372	24.06.2025	CRude tank NO -1	MANWAY B	Flange	0.0	1	100	0.000000	8760	0.000000
3373	24.06.2025	CRude tank NO -1	MANWAY C	Flange	0.0	1	100	0.000000	8760	0.000000
3374	24.06.2025	CRude tank NO -1	WD/A UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3375	24.06.2025	CRude tank NO -1	WD/A down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3376	24.06.2025	CRude tank NO -1	WD/B UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3377	24.06.2025	CRude tank NO -1	WD/B down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3378	24.06.2025	CRude tank NO -1	WD/C UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3379	24.06.2025	CRude tank NO -1	WD/C down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3380	24.06.2025	CRude tank NO -1	WD/D UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3381	24.06.2025	CRude tank NO -1	WD/D down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3382	24.06.2025	CRude tank NO -1	CLEAN OUT DOOR	Flange	0.0	1	100	0.000000	8760	0.000000
3383	24.06.2025	CRude tank NO -1	JET MIXTURE MOV	Flange	0.0	1	100	0.000000	8760	0.000000
3384	24.06.2025	CRude tank NO -1	JET MIXTURE MOV	Flange	0.0	1	100	0.000000	8760	0.000000
3385	24.06.2025	CRude tank NO -1	INLET XZV UP STEAM	Flange	0.3	1	100	0.000002	8760	0.017323
3386	24.06.2025	CRude tank NO -1	INLET XZV DOWN STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
3387	24.06.2025	OUTSIDE DYKE	INLET MOV	Flange	0.0	1	100	0.000000	8760	0.000000
3388	24.06.2025	OUTSIDE DYKE	INLET MOV	Flange	0.0	1	100	0.000000	8760	0.000000
3389	24.06.2025	OUTSIDE DYKE	OUTLET MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3390	24.06.2025	OUTSIDE DYKE	OUTLET MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3391	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3392	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3393	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3394	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3395	24.06.2025	OUTSIDE DYKE	ITT SUCTION MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000

3396	24.06.2025	OUTSIDE DYKE	ITT SUCTION MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3397	24.06.2025	OUTSIDE DYKE	ITT SUCTION MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3398	24.06.2025	OUTSIDE DYKE	ITT SUCTION MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3399	24.06.2025	END FLANGES	CRUDE OUTLET LAST	Flange	0.0	1	100	0.000000	8760	0.000000
3400	24.06.2025	END FLANGES	CRUDE OUTLET LAST	Flange	0.0	1	100	0.000000	8760	0.000000
3401	24.06.2025	END FLANGES	TSV INLET LINE	Flange	0.0	1	100	0.000000	8760	0.000000
3402	24.06.2025	END FLANGES	TSV INLET LINE	Flange	0.0	1	100	0.000000	8760	0.000000
3403	24.06.2025	END FLANGES	TSV INLET LINE	Flange	0.0	1	100	0.000000	8760	0.000000
3404	24.06.2025	END FLANGES	TSV INLET LINE	Flange	0.2	1	100	0.000001	8760	0.013027
3405	24.06.2025	END FLANGES	TSV INLET LINE	Flange	0.0	1	100	0.000000	8760	0.000000
3406	24.06.2025	END FLANGES	TSV INLET LINE	Flange	0.0	1	100	0.000000	8760	0.000000
3407	24.06.2025	END FLANGES	TSV INLET LINE	Flange	0.0	1	100	0.000000	8760	0.000000
3408	24.06.2025	END FLANGES	TSV INLET LINE	Flange	0.0	1	100	0.000000	8760	0.000000
3409	24.06.2025	END FLANGES	MOV-0002	Flange	0.0	1	100	0.000000	8760	0.000000
3410	24.06.2025	END FLANGES	MOV-0002	Flange	0.0	1	100	0.000000	8760	0.000000
3411	24.06.2025	END FLANGES	MOV-0002	Flange	0.1	1	100	0.000001	8760	0.008002
3412	24.06.2025	END FLANGES	MOV-0002	Flange	0.0	1	100	0.000000	8760	0.000000
3413	24.06.2025	CRude tank NO -1 Tank Top	RIM SEAL EAST	Flange	0.2	1	100	0.000001	8760	0.013027
3414	24.06.2025	CRude tank NO -1 Tank Top	RIM SEAL WEST	Flange	0.1	1	100	0.000001	8760	0.008002
3415	24.06.2025	CRude tank NO -1 Tank Top	RIM SEAL NORTH	Flange	0.1	1	100	0.000001	8760	0.008002
3416	24.06.2025	CRude tank NO -1 Tank Top	RIM SEAL SOUTH	Flange	0.2	1	100	0.000001	8760	0.013027
3417	24.06.2025	CRude tank NO -1 Tank Top	DIPHATCH	Flange	0.1	1	100	0.000001	8760	0.008002
3418	24.06.2025	CRude tank NO -2	OUTLET XZV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3419	24.06.2025	CRude tank NO -2	OUTLET XZV down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3420	24.06.2025	CRude tank NO -2	MANWAY A	Flange	0.1	1	100	0.000001	8760	0.008002
3421	24.06.2025	CRude tank NO -2	MANWAY B	Flange	0.1	1	100	0.000001	8760	0.008002
3422	24.06.2025	CRude tank NO -2	MANWAY C	Flange	0.0	1	100	0.000000	8760	0.000000
3423	24.06.2025	CRude tank NO -2	WD/A UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3424	24.06.2025	CRude tank NO -2	WD/A down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3425	24.06.2025	CRude tank NO -2	WD/B UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3426	24.06.2025	CRude tank NO -2	WD/B down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3427	24.06.2025	CRude tank NO -2	WD/C UP STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3428	24.06.2025	CRude tank NO -2	WD/C down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3429	24.06.2025	CRude tank NO -2	WD/D UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3430	24.06.2025	CRude tank NO -2	WD/D down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3431	24.06.2025	CRude tank NO -2	CLEAN OUT DOOR	Flange	0.0	1	100	0.000000	8760	0.000000
3432	24.06.2025	CRude tank NO -2	JET MIXTURE MOV	Flange	0.0	1	100	0.000000	8760	0.000000
3433	24.06.2025	CRude tank NO -2	JET MIXTURE MOV	Flange	0.0	1	100	0.000000	8760	0.000000
3434	24.06.2025	CRude tank NO -2	INLET XZV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3435	24.06.2025	CRude tank NO -2	INLET XZV DOWN STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3436	24.06.2025	OUTSIDE DYKE	INLET MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3437	24.06.2025	OUTSIDE DYKE	INLET MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3438	24.06.2025	OUTSIDE DYKE	HEEL STRIPPING MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3439	24.06.2025	OUTSIDE DYKE	HEEL STRIPPING MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3440	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3441	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3442	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3443	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3444	24.06.2025	OUTSIDE DYKE	ITT SUCTION MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3445	24.06.2025	OUTSIDE DYKE	ITT SUCTION MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3446	24.06.2025	OUTSIDE DYKE	ITT SUCTION MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3447	24.06.2025	OUTSIDE DYKE	ITT SUCTION MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3448	24.06.2025	END FLANGES	CRUDE RECIPT HEADER	Flange	0.0	1	100	0.000000	8760	0.000000
3449	24.06.2025	END FLANGES	PUMP SECTION HEADER-2	Flange	0.0	1	100	0.000000	8760	0.000000
3450	24.06.2025	END FLANGES	PUMP SECTION HEADER-1	Flange	0.1	1	100	0.000001	8760	0.008002
3451	24.06.2025	END FLANGES	ITT SECTION HEADER-1	Flange	0.0	1	100	0.000000	8760	0.000000
3452	24.06.2025	END FLANGES	ITT MAIN DELIVERY TANK MOV	Flange	0.0	1	100	0.000000	8760	0.000000
3453	24.06.2025	END FLANGES	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3454	24.06.2025	END FLANGES	OUTLET DYKE	Flange	0.0	1	100	0.000000	8760	0.000000
3455	24.06.2025	CRude tank NO -2 Tank Top	RIM SEAL EAST	Flange	0.1	1	100	0.000001	8760	0.008002
3456	24.06.2025	CRude tank NO -2 Tank Top	RIM SEAL WEST	Flange	0.2	1	100	0.000001	8760	0.013027
3457	24.06.2025	CRude tank NO -2 Tank Top	RIM SEAL NORTH	Flange	0.1	1	100	0.000001	8760	0.008002
3458	24.06.2025	CRude tank NO -2 Tank Top	RIM SEAL SOUTH	Flange	0.1	1	100	0.000001	8760	0.008002
3459	24.06.2025	CRude tank NO -2 Tank Top	DIPHATCH	Flange	0.1	1	100	0.000001	8760	0.008002
3460	24.06.2025	CRude tank NO -3 INSIDE DYKE	OUTLET XZV UP STEAM 5003	Flange	0.0	1	100	0.000000	8760	0.000000
3461	24.06.2025	CRude tank NO -3 INSIDE DYKE	OUTLET XZV down steam 5003	Flange	0.0	1	100	0.000000	8760	0.000000
3462	24.06.2025	CRude tank NO -3 INSIDE DYKE	MANWAY A	Flange	0.0	1	100	0.000000	8760	0.000000
3463	24.06.2025	CRude tank NO -3 INSIDE DYKE	MANWAY B	Flange	0.0	1	100	0.000000	8760	0.000000
3464	24.06.2025	CRude tank NO -3 INSIDE DYKE	MANWAY C	Flange	0.0	1	100	0.000000	8760	0.000000
3465	24.06.2025	CRude tank NO -3 INSIDE DYKE	WD/A UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3466	24.06.2025	CRude tank NO -3 INSIDE DYKE	WD/A down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3467	24.06.2025	CRude tank NO -3 INSIDE DYKE	WD/B UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3468	24.06.2025	CRude tank NO -3 INSIDE DYKE	WD/B down steam	Flange	0.1	1	100	0.000001	8760	0.008002
3469	24.06.2025	CRude tank NO -3 INSIDE DYKE	WD/C UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3470	24.06.2025	CRude tank NO -3 INSIDE DYKE	WD/C down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3471	24.06.2025	CRude tank NO -3 INSIDE DYKE	WD/D UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3472	24.06.2025	CRude tank NO -3 INSIDE DYKE	WD/D down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3473	24.06.2025	CRude tank NO -3 INSIDE DYKE	CLEAN OUT DOOR	Flange	0.0	1	100	0.000000	8760	0.000000
3474	24.06.2025	CRude tank NO -3 INSIDE DYKE	JET MIXTURE MOV	Flange	0.0	1	100	0.000000	8760	0.000000
3475	24.06.2025	CRude tank NO -3 INSIDE DYKE	JET MIXTURE MOV	Flange	0.0	1	100	0.000000	8760	0.000000
3476	24.06.2025	CRude tank NO -3 INSIDE DYKE	INLET XZV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3477	24.06.2025	CRude tank NO -3 INSIDE DYKE	INLET XZV DOWN STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3478	24.06.2025	OUTSIDE DYKE	INLET MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3479	24.06.2025	OUTSIDE DYKE	INLET MOV DOWN STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3480	24.06.2025	OUTSIDE DYKE	HEEL STRIPPING MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3481	24.06.2025	OUTSIDE DYKE	HEEL STRIPPING MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3482	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000

3483	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3484	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3485	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3486	24.06.2025	OUTSIDE DYKE	ITT SUCTION MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3487	24.06.2025	OUTSIDE DYKE	ITT SUCTION MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3488	24.06.2025	OUTSIDE DYKE	ITT SUCTION MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3489	24.06.2025	OUTSIDE DYKE	ITT SUCTION MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3490	24.06.2025	END FLANGES	CRUDE OUTLET LAST	Flange	0.0	1	100	0.000000	8760	0.000000
3491	24.06.2025	END FLANGES	CRUDE OUTLET LAST	Flange	0.0	1	100	0.000000	8760	0.000000
3492	24.06.2025	CRude tank NO -3 Tank Top	RIM SEAL EAST	Flange	0.2	1	100	0.000001	8760	0.013027
3493	24.06.2025	CRude tank NO -3 Tank Top	RIM SEAL WEST	Flange	0.1	1	100	0.000001	8760	0.008002
3494	24.06.2025	CRude tank NO -3 Tank Top	RIM SEAL NORTH	Flange	0.1	1	100	0.000001	8760	0.008002
3495	24.06.2025	CRude tank NO -3 Tank Top	RIM SEAL SOUTH	Flange	0.1	1	100	0.000001	8760	0.008002
3496	24.06.2025	CRude tank NO -3 Tank Top	DIPHATCH	Flange	0.0	1	100	0.000000	8760	0.000000
3497	24.06.2025	CRude tank NO -4 INSIDE DYKE	OUTLET XZV UP STEAM 5008	Flange	0.2	1	100	0.000001	8760	0.013027
3498	24.06.2025	CRude tank NO -4 INSIDE DYKE	OUTLET XZV down steam 5008	Flange	0.1	1	100	0.000001	8760	0.008002
3499	24.06.2025	CRude tank NO -4 INSIDE DYKE	MANWAY A	Flange	0.0	1	100	0.000000	8760	0.000000
3500	24.06.2025	CRude tank NO -4 INSIDE DYKE	MANWAY B	Flange	0.0	1	100	0.000000	8760	0.000000
3501	24.06.2025	CRude tank NO -4 INSIDE DYKE	MANWAY C	Flange	0.0	1	100	0.000000	8760	0.000000
3502	24.06.2025	CRude tank NO -4 INSIDE DYKE	WD/A UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3503	24.06.2025	CRude tank NO -4 INSIDE DYKE	WD/A down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3504	24.06.2025	CRude tank NO -4 INSIDE DYKE	WD/B UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3505	24.06.2025	CRude tank NO -4 INSIDE DYKE	WD/B down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3506	24.06.2025	CRude tank NO -4 INSIDE DYKE	WD/C UP STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
3507	24.06.2025	CRude tank NO -4 INSIDE DYKE	WD/C down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3508	24.06.2025	CRude tank NO -4 INSIDE DYKE	WD/D UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3509	24.06.2025	CRude tank NO -4 INSIDE DYKE	WD/D down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3510	24.06.2025	CRude tank NO -4 INSIDE DYKE	CLEAN OUT DOOR	Flange	0.0	1	100	0.000000	8760	0.000000
3511	24.06.2025	CRude tank NO -4 INSIDE DYKE	JET MIXTURE MOV	Flange	0.0	1	100	0.000000	8760	0.000000
3512	24.06.2025	CRude tank NO -4 INSIDE DYKE	JET MIXTURE MOV	Flange	0.0	1	100	0.000000	8760	0.000000
3513	24.06.2025	CRude tank NO -4 INSIDE DYKE	INLET XZV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3514	24.06.2025	CRude tank NO -4 INSIDE DYKE	INLET XZV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3515	24.06.2025	OUTSIDE DYKE	INLET MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3516	24.06.2025	OUTSIDE DYKE	INLET MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3517	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3518	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3519	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3520	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3521	24.06.2025	OUTSIDE DYKE	ITT SUCTION MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3522	24.06.2025	OUTSIDE DYKE	ITT SUCTION MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3523	24.06.2025	OUTSIDE DYKE	ITT SUCTION MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3524	24.06.2025	OUTSIDE DYKE	ITT SUCTION MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3525	24.06.2025	END FLANGES	CRUDE OUTLET LAST	Flange	0.0	1	100	0.000000	8760	0.000000
3526	24.06.2025	CRude tank NO -4 Tank Top	RIM SEAL EAST	Flange	0.1	1	100	0.000001	8760	0.008002
3527	24.06.2025	CRude tank NO -4 Tank Top	RIM SEAL WEST	Flange	0.1	1	100	0.000001	8760	0.008002
3528	24.06.2025	CRude tank NO -4 Tank Top	RIM SEAL NORTH	Flange	0.0	1	100	0.000000	8760	0.000000
3529	24.06.2025	CRude tank NO -4 Tank Top	RIM SEAL SOUTH	Flange	0.0	1	100	0.000000	8760	0.000000
3530	24.06.2025	CRude tank NO -4 Tank Top	DIPHATCH	Flange	0.0	1	100	0.000000	8760	0.000000
3531	24.06.2025	CRude tank NO -5 INSIDE DYKE	OUTLET XZV UP STEAM 5010	Flange	0.2	1	100	0.000001	8760	0.013027
3532	24.06.2025	CRude tank NO -5 INSIDE DYKE	OUTLET XZV down steam 5010	Flange	0.1	1	100	0.000001	8760	0.008002
3533	24.06.2025	CRude tank NO -5 INSIDE DYKE	MANWAY A	Flange	0.0	1	100	0.000000	8760	0.000000
3534	24.06.2025	CRude tank NO -5 INSIDE DYKE	MANWAY B	Flange	0.0	1	100	0.000000	8760	0.000000
3535	24.06.2025	CRude tank NO -5 INSIDE DYKE	MANWAY C	Flange	0.0	1	100	0.000000	8760	0.000000
3536	24.06.2025	CRude tank NO -5 INSIDE DYKE	WD/A UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3537	24.06.2025	CRude tank NO -5 INSIDE DYKE	WD/A down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3538	24.06.2025	CRude tank NO -5 INSIDE DYKE	WD/B UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3539	24.06.2025	CRude tank NO -5 INSIDE DYKE	WD/B down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3540	24.06.2025	CRude tank NO -5 INSIDE DYKE	WD/C UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3541	24.06.2025	CRude tank NO -5 INSIDE DYKE	WD/C down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3542	24.06.2025	CRude tank NO -5 INSIDE DYKE	WD/D UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3543	24.06.2025	CRude tank NO -5 INSIDE DYKE	WD/D down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3544	24.06.2025	CRude tank NO -5 INSIDE DYKE	CLEAN OUT DOOR	Flange	0.0	1	100	0.000000	8760	0.000000
3545	24.06.2025	CRude tank NO -5 INSIDE DYKE	JET MIXTURE MOV	Flange	0.0	1	100	0.000000	8760	0.000000
3546	24.06.2025	CRude tank NO -5 INSIDE DYKE	JET MIXTURE MOV	Flange	0.0	1	100	0.000000	8760	0.000000
3547	24.06.2025	CRude tank NO -5 INSIDE DYKE	INLET XZV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3548	24.06.2025	CRude tank NO -5 INSIDE DYKE	INLET XZV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3549	24.06.2025	OUTSIDE DYKE	INLET MOV UP STEAM 0037	Flange	0.0	1	100	0.000000	8760	0.000000
3550	24.06.2025	OUTSIDE DYKE	INLET MOV DOWN STEAM 0037	Flange	0.1	1	100	0.000001	8760	0.008002
3551	24.06.2025	OUTSIDE DYKE	HEEL STRIPPING MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3552	24.06.2025	OUTSIDE DYKE	HEEL STRIPPING MOV DOWN STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3553	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3554	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3555	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3556	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3557	24.06.2025	OUTSIDE DYKE	ITT SUCTION MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3558	24.06.2025	OUTSIDE DYKE	ITT SUCTION MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3559	24.06.2025	OUTSIDE DYKE	ITT SUCTION MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3560	24.06.2025	OUTSIDE DYKE	ITT SUCTION MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3561	24.06.2025	END FLANGES	CRUDE OUTLET LAST	Flange	0.0	1	100	0.000000	8760	0.000000
3562	24.06.2025	CRude tank NO -5 Tank Top	RIM SEAL EAST	Flange	0.1	1	100	0.000001	8760	0.008002
3563	24.06.2025	CRude tank NO -5 Tank Top	RIM SEAL WEST	Flange	0.1	1	100	0.000001	8760	0.008002
3564	24.06.2025	CRude tank NO -5 Tank Top	RIM SEAL NORTH	Flange	0.1	1	100	0.000001	8760	0.008002
3565	24.06.2025	CRude tank NO -5 Tank Top	RIM SEAL SOUTH	Flange	0.4	1	100	0.000002	8760	0.021206
3566	24.06.2025	CRude tank NO -5 Tank Top	DIPHATCH	Flange	0.1	1	100	0.000001	8760	0.008002
3567	24.06.2025	CRude tank NO -6 INSIDE DYKE	OUTLET XZV UP STEAM 5012	Flange	0.0	1	100	0.000000	8760	0.000000
3568	24.06.2025	CRude tank NO -6 INSIDE DYKE	OUTLET XZV down steam 5012	Flange	0.0	1	100	0.000000	8760	0.000000
3569	24.06.2025	CRude tank NO -6 INSIDE DYKE	MANWAY A	Flange	0.0	1	100	0.000000	8760	0.000000

3570	24.06.2025	CRude tank NO -6 INSIDE DYKE	MANWAY B	Flange	0.0	1	100	0.000000	8760	0.000000
3571	24.06.2025	CRude tank NO -6 INSIDE DYKE	MANWAY C	Flange	0.0	1	100	0.000000	8760	0.000000
3572	24.06.2025	CRude tank NO -6 INSIDE DYKE	WD/A UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3573	24.06.2025	CRude tank NO -6 INSIDE DYKE	WD/A down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3574	24.06.2025	CRude tank NO -6 INSIDE DYKE	WD/B UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3575	24.06.2025	CRude tank NO -6 INSIDE DYKE	WD/B down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3576	24.06.2025	CRude tank NO -6 INSIDE DYKE	WD/C UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3577	24.06.2025	CRude tank NO -6 INSIDE DYKE	WD/C down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3578	24.06.2025	CRude tank NO -6 INSIDE DYKE	WD/D UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3579	24.06.2025	CRude tank NO -6 INSIDE DYKE	WD/D down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3580	24.06.2025	CRude tank NO -6 INSIDE DYKE	CLEAN OUT DOOR	Flange	0.0	1	100	0.000000	8760	0.000000
3581	24.06.2025	CRude tank NO -6 INSIDE DYKE	JET MIXTURE MOV	Flange	0.0	1	100	0.000000	8760	0.000000
3582	24.06.2025	CRude tank NO -6 INSIDE DYKE	JET MIXTURE MOV	Flange	0.0	1	100	0.000000	8760	0.000000
3583	24.06.2025	CRude tank NO -6 INSIDE DYKE	INLET XZV UP STEAM 5011	Flange	0.0	1	100	0.000000	8760	0.000000
3584	24.06.2025	CRude tank NO -6 INSIDE DYKE	INLET XZV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3585	24.06.2025	OUTSIDE DYKE	INLET MOV UPSTEAM 0047	Flange	0.1	1	100	0.000001	8760	0.008002
3586	24.06.2025	OUTSIDE DYKE	INLET MOV DOWNSTEAM 0047	Flange	0.0	1	100	0.000000	8760	0.000000
3587	24.06.2025	OUTSIDE DYKE	HEEL STRIPPING MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3588	24.06.2025	OUTSIDE DYKE	HEEL STRIPPING MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3589	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3590	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3591	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3592	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3593	24.06.2025	OUTSIDE DYKE	ITT SUCTION MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3594	24.06.2025	OUTSIDE DYKE	ITT SUCTION MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3595	24.06.2025	OUTSIDE DYKE	ITT SUCTION MOV UP STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3596	24.06.2025	OUTSIDE DYKE	ITT SUCTION MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3597	24.06.2025	END FLANGES	CRUDE OUTLET LAST	Flange	0.0	1	100	0.000000	8760	0.000000
3598	24.06.2025	END FLANGES	CRUDE OUTLET LAST	Flange	0.0	1	100	0.000000	8760	0.000000
3599	24.06.2025	CRude tank NO -6 Tank Top	RIM SEAL EAST	Flange	0.2	1	100	0.000001	8760	0.013027
3600	24.06.2025	CRude tank NO -6 Tank Top	RIM SEAL WEST	Flange	0.0	1	100	0.000000	8760	0.000000
3601	24.06.2025	CRude tank NO -6 Tank Top	RIM SEAL NORTH	Flange	0.1	1	100	0.000001	8760	0.008002
3602	24.06.2025	CRude tank NO -6 Tank Top	RIM SEAL SOUTH	Flange	0.0	1	100	0.000000	8760	0.000000
3603	24.06.2025	CRude tank NO -6 Tank Top	DIPHATCH	Flange	0.0	1	100	0.000000	8760	0.000000
3604	24.06.2025	CRude tank NO -7 INSIDE DYKE	OUTLET XZV UP STEAM 5014	Flange	0.2	1	100	0.000001	8760	0.013027
3605	24.06.2025	CRude tank NO -7 INSIDE DYKE	OUTLET XZV down steam 5014	Flange	0.1	1	100	0.000001	8760	0.008002
3606	24.06.2025	CRude tank NO -7 INSIDE DYKE	MANWAY A	Flange	0.0	1	100	0.000000	8760	0.000000
3607	24.06.2025	CRude tank NO -7 INSIDE DYKE	MANWAY B	Flange	0.0	1	100	0.000000	8760	0.000000
3608	24.06.2025	CRude tank NO -7 INSIDE DYKE	MANWAY C	Flange	0.0	1	100	0.000000	8760	0.000000
3609	24.06.2025	CRude tank NO -7 INSIDE DYKE	WD/A UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3610	24.06.2025	CRude tank NO -7 INSIDE DYKE	WD/A down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3611	24.06.2025	CRude tank NO -7 INSIDE DYKE	WD/B UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3612	24.06.2025	CRude tank NO -7 INSIDE DYKE	WD/B down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3613	24.06.2025	CRude tank NO -7 INSIDE DYKE	WD/C UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3614	24.06.2025	CRude tank NO -7 INSIDE DYKE	WD/C down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3615	24.06.2025	CRude tank NO -7 INSIDE DYKE	WD/D UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3616	24.06.2025	CRude tank NO -7 INSIDE DYKE	WD/D down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3617	24.06.2025	CRude tank NO -7 INSIDE DYKE	CLEAN OUT DOOR	Flange	0.0	1	100	0.000000	8760	0.000000
3618	24.06.2025	CRude tank NO -7 INSIDE DYKE	JET MIXTURE MOV 0058	Flange	0.0	1	100	0.000000	8760	0.000000
3619	24.06.2025	CRude tank NO -7 INSIDE DYKE	JET MIXTURE MOV	Flange	0.0	1	100	0.000000	8760	0.000000
3620	24.06.2025	CRude tank NO -7 INSIDE DYKE	INLET XZV UP STEAM 5013	Flange	0.0	1	100	0.000000	8760	0.000000
3621	24.06.2025	CRude tank NO -7 INSIDE DYKE	INLET XZV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3622	24.06.2025	OUTSIDE DYKE	INLET MOV UPSTEAM 0056	Flange	0.0	1	100	0.000000	8760	0.000000
3623	24.06.2025	OUTSIDE DYKE	INLET MOV DOWNSTEAM 0056	Flange	0.0	1	100	0.000000	8760	0.000000
3624	24.06.2025	OUTSIDE DYKE	HEEL STRIPPING MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3625	24.06.2025	OUTSIDE DYKE	HEEL STRIPPING MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3626	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM 0063	Flange	0.0	1	100	0.000000	8760	0.000000
3627	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3628	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM 0061	Flange	0.0	1	100	0.000000	8760	0.000000
3629	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3630	24.06.2025	OUTSIDE DYKE	ITT SUCTION MOV UP STEAM 0059	Flange	0.0	1	100	0.000000	8760	0.000000
3631	24.06.2025	OUTSIDE DYKE	ITT SUCTION MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3632	24.06.2025	OUTSIDE DYKE	ITT SUCTION MOV UP STEAM 0057	Flange	0.0	1	100	0.000000	8760	0.000000
3633	24.06.2025	OUTSIDE DYKE	ITT SUCTION MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3634	24.06.2025	END FLANGES	CRUDE OUTLET LAST	Flange	0.0	1	100	0.000000	8760	0.000000
3635	24.06.2025	END FLANGES	CRUDE OUTLET LAST	Flange	0.0	1	100	0.000000	8760	0.000000
3636	24.06.2025	CRude tank NO -7 Tank Top	RIM SEAL EAST	Flange	0.1	1	100	0.000001	8760	0.008002
3637	24.06.2025	CRude tank NO -7 Tank Top	RIM SEAL WEST	Flange	0.1	1	100	0.000001	8760	0.008002
3638	24.06.2025	CRude tank NO -7 Tank Top	RIM SEAL NORTH	Flange	0.0	1	100	0.000000	8760	0.000000
3639	24.06.2025	CRude tank NO -7 Tank Top	RIM SEAL SOUTH	Flange	0.1	1	100	0.000001	8760	0.008002
3640	24.06.2025	CRude tank NO -7 Tank Top	DIPHATCH	Flange	0.0	1	100	0.000000	8760	0.000000
3641	24.06.2025	CRude tank NO -8 INSIDE DYKE	OUTLET XZV UP STEAM 5016	Flange	0.0	1	100	0.000000	8760	0.000000
3642	24.06.2025	CRude tank NO -8 INSIDE DYKE	OUTLET XZV down steam 5014	Flange	0.0	1	100	0.000000	8760	0.000000
3643	24.06.2025	CRude tank NO -8 INSIDE DYKE	MANWAY A	Flange	0.0	1	100	0.000000	8760	0.000000
3644	24.06.2025	CRude tank NO -8 INSIDE DYKE	MANWAY B	Flange	0.0	1	100	0.000000	8760	0.000000
3645	24.06.2025	CRude tank NO -8 INSIDE DYKE	MANWAY C	Flange	0.0	1	100	0.000000	8760	0.000000
3646	24.06.2025	CRude tank NO -8 INSIDE DYKE	WD/A UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3647	24.06.2025	CRude tank NO -8 INSIDE DYKE	WD/A down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3648	24.06.2025	CRude tank NO -8 INSIDE DYKE	WD/B UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3649	24.06.2025	CRude tank NO -8 INSIDE DYKE	WD/B down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3650	24.06.2025	CRude tank NO -8 INSIDE DYKE	WD/C UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3651	24.06.2025	CRude tank NO -8 INSIDE DYKE	WD/C down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3652	24.06.2025	CRude tank NO -8 INSIDE DYKE	WD/D UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3653	24.06.2025	CRude tank NO -8 INSIDE DYKE	WD/D down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3654	24.06.2025	CRude tank NO -8 INSIDE DYKE	CLEAN OUT DOOR	Flange	0.0	1	100	0.000000	8760	0.000000
3655	24.06.2025	CRude tank NO -8 INSIDE DYKE	JET MIXTURE MOV 0067	Flange	0.0	1	100	0.000000	8760	0.000000
3656	24.06.2025	CRude tank NO -8 INSIDE DYKE	JET MIXTURE MOV	Flange	0.0	1	100	0.000000	8760	0.000000

3657	24.06.2025	CRude tank NO -8 INSIDE DYKE	INLET XZV UP STEAM 5015	Flange	0.0	1	100	0.000000	8760	0.000000
3658	24.06.2025	CRude tank NO -8 INSIDE DYKE	INLET XZV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3659	24.06.2025	OUTSIDE DYKE	INLET MOV UPSTEAM 0065	Flange	0.1	1	100	0.000001	8760	0.008002
3660	24.06.2025	OUTSIDE DYKE	INLET MOV DOWNSTEAM 0065	Flange	0.0	1	100	0.000000	8760	0.000000
3661	24.06.2025	OUTSIDE DYKE	HEEL STRIPPING MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3662	24.06.2025	OUTSIDE DYKE	HEEL STRIPPING MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3663	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM 0070	Flange	0.1	1	100	0.000001	8760	0.008002
3664	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3665	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM 0071	Flange	0.0	1	100	0.000000	8760	0.000000
3666	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3667	24.06.2025	OUTSIDE DYKE	ITT SUCTION MOV UP STEAM 0068	Flange	0.0	1	100	0.000000	8760	0.000000
3668	24.06.2025	OUTSIDE DYKE	ITT SUCTION MOV DOWN STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3669	24.06.2025	OUTSIDE DYKE	ITT SUCTION MOV UP STEAM 0066	Flange	0.0	1	100	0.000000	8760	0.000000
3670	24.06.2025	OUTSIDE DYKE	ITT SUCTION MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3671	24.06.2025	END FLANGES	CRUDE OUTLET LAST	Flange	0.0	1	100	0.000000	8760	0.000000
3672	24.06.2025	CRude tank NO -8 Tank Top	RIM SEAL EAST	Flange	0.2	1	100	0.000001	8760	0.013027
3673	24.06.2025	CRude tank NO -8 Tank Top	RIM SEAL WEST	Flange	0.0	1	100	0.000000	8760	0.000000
3674	24.06.2025	CRude tank NO -8 Tank Top	RIM SEAL NORTH	Flange	0.0	1	100	0.000000	8760	0.000000
3675	24.06.2025	CRude tank NO -8 Tank Top	RIM SEAL SOUTH	Flange	0.1	1	100	0.000001	8760	0.008002
3676	24.06.2025	CRude tank NO -8 Tank Top	DIPHATCH	Flange	0.0	1	100	0.000000	8760	0.000000
3677	24.06.2025	CRude tank NO -9 INSIDE DYKE	OUTLET XZV UP STEAM 5018	Flange	0.1	1	100	0.000001	8760	0.008002
3678	24.06.2025	CRude tank NO -9 INSIDE DYKE	OUTLET XZV down steam 5018	Flange	0.0	1	100	0.000000	8760	0.000000
3679	24.06.2025	CRude tank NO -9 INSIDE DYKE	MANWAY A	Flange	0.0	1	100	0.000000	8760	0.000000
3680	24.06.2025	CRude tank NO -9 INSIDE DYKE	MANWAY B	Flange	0.0	1	100	0.000000	8760	0.000000
3681	24.06.2025	CRude tank NO -9 INSIDE DYKE	MANWAY C	Flange	0.0	1	100	0.000000	8760	0.000000
3682	24.06.2025	CRude tank NO -9 INSIDE DYKE	WD/A UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3683	24.06.2025	CRude tank NO -9 INSIDE DYKE	WD/A down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3684	24.06.2025	CRude tank NO -9 INSIDE DYKE	WD/B UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3685	24.06.2025	CRude tank NO -9 INSIDE DYKE	WD/B down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3686	24.06.2025	CRude tank NO -9 INSIDE DYKE	WD/C UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3687	24.06.2025	CRude tank NO -9 INSIDE DYKE	WD/C down steam	Flange	0.1	1	100	0.000001	8760	0.008002
3688	24.06.2025	CRude tank NO -9 INSIDE DYKE	WD/D UP STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
3689	24.06.2025	CRude tank NO -9 INSIDE DYKE	WD/D down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3690	24.06.2025	CRude tank NO -9 INSIDE DYKE	CLEAN OUT DOOR	Flange	0.0	1	100	0.000000	8760	0.000000
3691	24.06.2025	CRude tank NO -9 INSIDE DYKE	JET MIXTURE MOV 0076	Flange	0.0	1	100	0.000000	8760	0.000000
3692	24.06.2025	CRude tank NO -9 INSIDE DYKE	JET MIXTURE MOV	Flange	0.0	1	100	0.000000	8760	0.000000
3693	24.06.2025	CRude tank NO -9 INSIDE DYKE	INLET XZV UP STEAM 5017	Flange	0.0	1	100	0.000000	8760	0.000000
3694	24.06.2025	CRude tank NO -9 INSIDE DYKE	INLET XZV DOWN STEAM 5017	Flange	0.0	1	100	0.000000	8760	0.000000
3695	24.06.2025	OUTSIDE DYKE	INLET MOV UPSTEAM 0073	Flange	0.0	1	100	0.000000	8760	0.000000
3696	24.06.2025	OUTSIDE DYKE	INLET MOV DOWNSTEAM 0073	Flange	0.0	1	100	0.000000	8760	0.000000
3697	24.06.2025	OUTSIDE DYKE	HEEL STRIPPING MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3698	24.06.2025	OUTSIDE DYKE	HEEL STRIPPING MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3699	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM 0070	Flange	0.0	1	100	0.000000	8760	0.000000
3700	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3701	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM 0071	Flange	0.0	1	100	0.000000	8760	0.000000
3702	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3703	24.06.2025	OUTSIDE DYKE	ITT SUCTION MOV UP STEAM 0068	Flange	0.0	1	100	0.000000	8760	0.000000
3704	24.06.2025	OUTSIDE DYKE	ITT SUCTION MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3705	24.06.2025	OUTSIDE DYKE	ITT SUCTION MOV UP STEAM 0066	Flange	0.0	1	100	0.000000	8760	0.000000
3706	24.06.2025	OUTSIDE DYKE	ITT SUCTION MOV DOWN STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3707	24.06.2025	END FLANGES	CRUDE OUTLET LAST	Flange	0.0	1	100	0.000000	8760	0.000000
3708	24.06.2025	CRude tank NO -9 Tank Top	RIM SEAL EAST	Flange	0.0	1	100	0.000000	8760	0.000000
3709	24.06.2025	CRude tank NO -9 Tank Top	RIM SEAL WEST	Flange	0.0	1	100	0.000000	8760	0.000000
3710	24.06.2025	CRude tank NO -9 Tank Top	RIM SEAL NORTH	Flange	0.0	1	100	0.000000	8760	0.000000
3711	24.06.2025	CRude tank NO -9 Tank Top	RIM SEAL SOUTH	Flange	0.0	1	100	0.000000	8760	0.000000
3712	24.06.2025	CRude tank NO -9 Tank Top	DIPHATCH	Flange	0.0	1	100	0.000000	8760	0.000000
3713	24.06.2025	CRude tank NO -10 INSIDE DYKE	OUTLET XZV UP STEAM 5020	Flange	0.0	1	100	0.000000	8760	0.000000
3714	24.06.2025	CRude tank NO -10 INSIDE DYKE	OUTLET XZV down steam 5020	Flange	0.0	1	100	0.000000	8760	0.000000
3715	24.06.2025	CRude tank NO -10 INSIDE DYKE	MANWAY A	Flange	0.0	1	100	0.000000	8760	0.000000
3716	24.06.2025	CRude tank NO -10 INSIDE DYKE	MANWAY B	Flange	0.1	1	100	0.000001	8760	0.008002
3717	24.06.2025	CRude tank NO -10 INSIDE DYKE	MANWAY C	Flange	0.0	1	100	0.000000	8760	0.000000
3718	24.06.2025	CRude tank NO -10 INSIDE DYKE	WD/A UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3719	24.06.2025	CRude tank NO -10 INSIDE DYKE	WD/A down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3720	24.06.2025	CRude tank NO -10 INSIDE DYKE	WD/B UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3721	24.06.2025	CRude tank NO -10 INSIDE DYKE	WD/B down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3722	24.06.2025	CRude tank NO -10 INSIDE DYKE	WD/C UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3723	24.06.2025	CRude tank NO -10 INSIDE DYKE	WD/C down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3724	24.06.2025	CRude tank NO -10 INSIDE DYKE	WD/D UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3725	24.06.2025	CRude tank NO -10 INSIDE DYKE	WD/D down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3726	24.06.2025	CRude tank NO -10 INSIDE DYKE	CLEAN OUT DOOR	Flange	0.0	1	100	0.000000	8760	0.000000
3727	24.06.2025	CRude tank NO -10 INSIDE DYKE	JET MIXTURE MOV 0085	Flange	0.0	1	100	0.000000	8760	0.000000
3728	24.06.2025	CRude tank NO -10 INSIDE DYKE	JET MIXTURE MOV	Flange	0.0	1	100	0.000000	8760	0.000000
3729	24.06.2025	CRude tank NO -10 INSIDE DYKE	INLET XZV UP STEAM 5019	Flange	0.0	1	100	0.000000	8760	0.000000
3730	24.06.2025	CRude tank NO -10 INSIDE DYKE	INLET XZV DOWN STEAM 5019	Flange	0.0	1	100	0.000000	8760	0.000000
3731	24.06.2025	OUTSIDE DYKE	INLET MOV UPSTEAM 0053	Flange	0.0	1	100	0.000000	8760	0.000000
3732	24.06.2025	OUTSIDE DYKE	INLET MOV DOWNSTEAM 0053	Flange	0.0	1	100	0.000000	8760	0.000000
3733	24.06.2025	OUTSIDE DYKE	HEEL STRIPPING MOV UP STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3734	24.06.2025	OUTSIDE DYKE	HEEL STRIPPING MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3735	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM 0089	Flange	0.0	1	100	0.000000	8760	0.000000
3736	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3737	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM 0088	Flange	0.0	1	100	0.000000	8760	0.000000
3738	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3739	24.06.2025	OUTSIDE DYKE	ITT SUCTION MOV UP STEAM 0086	Flange	0.0	1	100	0.000000	8760	0.000000
3740	24.06.2025	OUTSIDE DYKE	ITT SUCTION MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3741	24.06.2025	OUTSIDE DYKE	ITT SUCTION MOV UP STEAM 0084	Flange	0.0	1	100	0.000000	8760	0.000000
3742	24.06.2025	OUTSIDE DYKE	ITT SUCTION MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3743	24.06.2025	END FLANGES	CRUDE OUTLET LAST	Flange	0.0	1	100	0.000000	8760	0.000000

3744	24.06.2025	CRude tank NO -10 Tank Top	RIM SEAL EAST	Flange	0.0	1	100	0.000000	8760	0.000000
3745	24.06.2025	CRude tank NO -10 Tank Top	RIM SEAL WEST	Flange	0.0	1	100	0.000000	8760	0.000000
3746	24.06.2025	CRude tank NO -10 Tank Top	RIM SEAL NORTH	Flange	0.1	1	100	0.000001	8760	0.008002
3747	24.06.2025	CRude tank NO -10 Tank Top	RIM SEAL SOUTH	Flange	0.0	1	100	0.000000	8760	0.000000
3748	24.06.2025	CRude tank NO -10 Tank Top	DIPHATCH	Flange	0.2	1	100	0.000001	8760	0.013027
3749	24.06.2025	CRude tank NO -11 INSIDE DYKE	OUTLET XZV UP STEAM 5022	Flange	0.0	1	100	0.000000	8760	0.000000
3750	24.06.2025	CRude tank NO -11 INSIDE DYKE	OUTLET XZV down steam 5022	Flange	0.2	1	100	0.000001	8760	0.013027
3751	24.06.2025	CRude tank NO -11 INSIDE DYKE	MANWAY A	Flange	0.0	1	100	0.000000	8760	0.000000
3752	24.06.2025	CRude tank NO -11 INSIDE DYKE	MANWAY B	Flange	0.0	1	100	0.000000	8760	0.000000
3753	24.06.2025	CRude tank NO -11 INSIDE DYKE	MANWAY C	Flange	0.0	1	100	0.000000	8760	0.000000
3754	24.06.2025	CRude tank NO -11 INSIDE DYKE	WD/A UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3755	24.06.2025	CRude tank NO -11 INSIDE DYKE	WD/A down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3756	24.06.2025	CRude tank NO -11 INSIDE DYKE	WD/B UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3757	24.06.2025	CRude tank NO -11 INSIDE DYKE	WD/B down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3758	24.06.2025	CRude tank NO -11 INSIDE DYKE	WD/C UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3759	24.06.2025	CRude tank NO -11 INSIDE DYKE	WD/C down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3760	24.06.2025	CRude tank NO -11 INSIDE DYKE	WD/D UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3761	24.06.2025	CRude tank NO -11 INSIDE DYKE	WD/D down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3762	24.06.2025	CRude tank NO -11 INSIDE DYKE	CLEAN OUT DOOR	Flange	0.0	1	100	0.000000	8760	0.000000
3763	24.06.2025	CRude tank NO -11 INSIDE DYKE	JET MIXTURE MOV 0094	Flange	0.0	1	100	0.000000	8760	0.000000
3764	24.06.2025	CRude tank NO -11 INSIDE DYKE	JET MIXTURE MOV	Flange	0.0	1	100	0.000000	8760	0.000000
3765	24.06.2025	CRude tank NO -11 INSIDE DYKE	INLET XZV UP STEAM 5021	Flange	0.0	1	100	0.000000	8760	0.000000
3766	24.06.2025	CRude tank NO -11 INSIDE DYKE	INLET XZV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3767	24.06.2025	OUTSIDE DYKE	INLET MOV UPSTEAM 0091	Flange	0.0	1	100	0.000000	8760	0.000000
3768	24.06.2025	OUTSIDE DYKE	INLET MOV DOWNSTEAM 0091	Flange	0.0	1	100	0.000000	8760	0.000000
3769	24.06.2025	OUTSIDE DYKE	HEEL STRIPPING MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3770	24.06.2025	OUTSIDE DYKE	HEEL STRIPPING MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3771	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM 0098	Flange	0.0	1	100	0.000000	8760	0.000000
3772	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3773	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM 0097	Flange	0.0	1	100	0.000000	8760	0.000000
3774	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3775	24.06.2025	OUTSIDE DYKE	ITT SUCTION MOV UP STEAM 0095	Flange	0.0	1	100	0.000000	8760	0.000000
3776	24.06.2025	OUTSIDE DYKE	ITT SUCTION MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3777	24.06.2025	OUTSIDE DYKE	ITT SUCTION MOV UP STEAM 0093	Flange	0.0	1	100	0.000000	8760	0.000000
3778	24.06.2025	OUTSIDE DYKE	ITT SUCTION MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3779	24.06.2025	END FLANGES	CRUDE OUTLET LAST	Flange	0.0	1	100	0.000000	8760	0.000000
3780	24.06.2025	END FLANGES	CRUDE RECEIPT HEADER MOV	Flange	0.0	1	100	0.000000	8760	0.000000
3781	24.06.2025	END FLANGES	CRUDE RECEIPT HEADER MOV	Flange	0.0	1	100	0.000000	8760	0.000000
3782	24.06.2025	END FLANGES	CRUDE RECEIPT HEADER MOV	Flange	0.0	1	100	0.000000	8760	0.000000
3783	24.06.2025	END FLANGES	ITT PUMP SUCTION HEADER	Flange	0.0	1	100	0.000000	8760	0.000000
3784	24.06.2025	END FLANGES	ITT PUMP SUCTION HEADER	Flange	0.0	1	100	0.000000	8760	0.000000
3785	24.06.2025	END FLANGES	PUMP SUCTION MOV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3786	24.06.2025	END FLANGES	PUMP SUCTION MOV 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3787	24.06.2025	END FLANGES	PUMP SUCTION MOV 1 UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3788	24.06.2025	END FLANGES	PUMP SUCTION MOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3789	24.06.2025	END FLANGES	ITT MAIN DELIVERY HEADER MOV	Flange	0.0	1	100	0.000000	8760	0.000000
3790	24.06.2025	END FLANGES	ITT MAIN DELIVERY HEADER MOV	Flange	0.0	1	100	0	8760	0.000000
3791	24.06.2025	CRude tank NO -11 Tank Top	RIM SEAL EAST	Flange	0.2	1	100	0.000001	8760	0.013027
3792	24.06.2025	CRude tank NO -11 Tank Top	RIM SEAL WEST	Flange	0.0	1	100	0.000000	8760	0.000000
3793	24.06.2025	CRude tank NO -11 Tank Top	RIM SEAL NORTH	Flange	0.2	1	100	0.000001	8760	0.013027
3794	24.06.2025	CRude tank NO -11 Tank Top	RIM SEAL SOUTH	Flange	0.0	1	100	0.000000	8760	0.000000
3795	24.06.2025	CRude tank NO -11 Tank Top	DIPHATCH	Flange	0.0	1	100	0.000000	8760	0.000000
3796	24.06.2025	CRude tank NO -11 OTHER FLANGES	CRUDE INLET MOV - 2 - 009 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3797	24.06.2025	CRude tank NO -11 OTHER FLANGES	CRUDE INLET MOV - 2 - 009 DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3798	24.06.2025	CRude tank NO -11 OTHER FLANGES	HOV UP STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3799	24.06.2025	CRude tank NO -11 OTHER FLANGES	HOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3800	24.06.2025	CRude tank NO -11 OTHER FLANGES	PSV UP STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3801	24.06.2025	CRude tank NO -11 OTHER FLANGES	PSV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3802	24.06.2025	CRude tank NO -11 OTHER FLANGES	HOV - 2 UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3803	24.06.2025	CRude tank NO -11 OTHER FLANGES	HOV - 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3804	24.06.2025	CRude tank NO -11 OTHER FLANGES	PSV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3805	24.06.2025	CRude tank NO -11 OTHER FLANGES	PSV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3806	24.06.2025	CRUDE BLENDING SYSTEM FLANGE - A	BYEPASS HOV UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3807	24.06.2025	CRUDE BLENDING SYSTEM FLANGE - A	BYEPASS HOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3808	24.06.2025	CRUDE BLENDING SYSTEM FLANGE - A	HOV 1 UPSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
3809	24.06.2025	CRUDE BLENDING SYSTEM FLANGE - A	HOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3810	24.06.2025	CRUDE BLENDING SYSTEM FLANGE - A	HOV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3811	24.06.2025	CRUDE BLENDING SYSTEM FLANGE - A	HOV 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3812	24.06.2025	CRUDE BLENDING SYSTEM FLANGE - A	FCV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3813	24.06.2025	CRUDE BLENDING SYSTEM FLANGE - A	FCV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3814	24.06.2025	CRUDE BLENDING SYSTEM FLANGE - A	NRV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3815	24.06.2025	CRUDE BLENDING SYSTEM FLANGE - A	NRV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3816	24.06.2025	CRUDE BLENDING SYSTEM FLANGE - B	BYEPASS HOV UPSTEAM	Flange	0.0	1	100	0	8760	0.000000
3817	24.06.2025	CRUDE BLENDING SYSTEM FLANGE - B	BYEPASS HOV DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3818	24.06.2025	CRUDE BLENDING SYSTEM FLANGE - B	HOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3819	24.06.2025	CRUDE BLENDING SYSTEM FLANGE - B	HOV 1 DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3820	24.06.2025	CRUDE BLENDING SYSTEM FLANGE - B	HOV 2 UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3821	24.06.2025	CRUDE BLENDING SYSTEM FLANGE - B	HOV 2 DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3822	24.06.2025	CRUDE BLENDING SYSTEM FLANGE - B	FCV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3823	24.06.2025	CRUDE BLENDING SYSTEM FLANGE - B	FCV 1 DOWNSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
3824	24.06.2025	CRUDE BLENDING SYSTEM FLANGE - B	NRV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3825	24.06.2025	CRUDE BLENDING SYSTEM FLANGE - B	NRV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3826	24.06.2025	CRUDE BLENDING SYSTEM FLANGE - B	AUTO SAMPLER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
3827	24.06.2025	CRUDE BLENDING SYSTEM FLANGE - B	AUTO SAMPLER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
3828	24.06.2025	CRUDE BLENDING SYSTEM FLANGE - C	BYEPASS HOV UPSTEAM	Flange	0.3	1	100	0.000002	8760	0.017323
3829	24.06.2025	CRUDE BLENDING SYSTEM FLANGE - C	BYEPASS HOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3830	24.06.2025	CRUDE BLENDING SYSTEM FLANGE - C	HOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000

3831	24.06.2025	CRUDE BLENDING SYSTEM FLANGE - C	HOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3832	24.06.2025	CRUDE BLENDING SYSTEM FLANGE - C	HOV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3833	24.06.2025	CRUDE BLENDING SYSTEM FLANGE - C	HOV 2 DOWNSTEAM	Flange	0.3	1	100	0.000002	8760	0.017323
3834	24.06.2025	CRUDE BLENDING SYSTEM FLANGE - C	FCV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3835	24.06.2025	CRUDE BLENDING SYSTEM FLANGE - C	FCV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3836	24.06.2025	CRUDE BLENDING SYSTEM FLANGE - C	NRV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3837	24.06.2025	CRUDE BLENDING SYSTEM FLANGE - C	NRV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3838	24.06.2025	CRUDE BLENDING SYSTEM FLANGE - D	BYEPASS HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3839	24.06.2025	CRUDE BLENDING SYSTEM FLANGE - D	BYEPASS HOV DOWNSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
3840	24.06.2025	CRUDE BLENDING SYSTEM FLANGE - D	HOV 1 UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3841	24.06.2025	CRUDE BLENDING SYSTEM FLANGE - D	HOV 1 DOWNSTEAM	Flange	0.0	1	100	0	8760	0.000000
3842	24.06.2025	CRUDE BLENDING SYSTEM FLANGE - D	HOV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3843	24.06.2025	CRUDE BLENDING SYSTEM FLANGE - D	HOV 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3844	24.06.2025	CRUDE BLENDING SYSTEM FLANGE - D	FCV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3845	24.06.2025	CRUDE BLENDING SYSTEM FLANGE - D	FCV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3846	24.06.2025	CRUDE BLENDING SYSTEM FLANGE - D	NRV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3847	24.06.2025	CRUDE BLENDING SYSTEM FLANGE - D	NRV 1 DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3848	24.06.2025	CRUDE BLENDING SYSTEM FLANGE - E	BYEPASS HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3849	24.06.2025	CRUDE BLENDING SYSTEM FLANGE - E	BYEPASS HOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3850	24.06.2025	CRUDE BLENDING SYSTEM FLANGE - E	HOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3851	24.06.2025	CRUDE BLENDING SYSTEM FLANGE - E	HOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3852	24.06.2025	CRUDE BLENDING SYSTEM FLANGE - E	HOV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3853	24.06.2025	CRUDE BLENDING SYSTEM FLANGE - E	HOV 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3854	24.06.2025	CRUDE BLENDING SYSTEM FLANGE - E	FCV 1 UPSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
3855	24.06.2025	CRUDE BLENDING SYSTEM FLANGE - E	FCV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3856	24.06.2025	CRUDE BLENDING SYSTEM FLANGE - E	NRV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3857	24.06.2025	CRUDE BLENDING SYSTEM FLANGE - E	NRV 1 DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3858	24.06.2025	CRUDE BLENDING SYSTEM FLANGE - E	END FLANGES	Flange	0.0	1	100	0.000000	8760	0.000000
3859	24.06.2025	BATTERY LIMIT VALVE	HOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3860	24.06.2025	BATTERY LIMIT VALVE	HOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3861	24.06.2025	BATTERY LIMIT VALVE	HOV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3862	24.06.2025	BATTERY LIMIT VALVE	HOV 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3863	24.06.2025	BATTERY LIMIT VALVE	SLOPE HEADER HOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3864	24.06.2025	BATTERY LIMIT VALVE	SLOPE HEADER HOV 1 DOWNSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
3865	24.06.2025	BATTERY LIMIT VALVE	SLOPE HEADER HOV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3866	24.06.2025	BATTERY LIMIT VALVE	SLOPE HEADER HOV 2 DOWNSTEAM	Flange	0.4	1	100	2.87624E-05	8760	0.251958
3867	24.06.2025	BATTERY LIMIT VALVE	START UP RECYCLE FROM AVU HOV 2 UPSTEAM	Flange	0.5	1	100	0.000003	8760	0.024807
3868	24.06.2025	BATTERY LIMIT VALVE	START UP RECYCLE FROM AVU HOV 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3869	24.06.2025	BATTERY LIMIT VALVE	CRUDE OIL FROM MELTING FIT NRV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3870	24.06.2025	BATTERY LIMIT VALVE	CRUDE OIL FROM MELTING FIT NRV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3871	24.06.2025	BATTERY LIMIT VALVE	NRV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3872	24.06.2025	BATTERY LIMIT VALVE	NRV 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3873	24.06.2025	BATTERY LIMIT VALVE	HOV 1 UPSTEAM	Flange	0.3	1	100	0.000002	8760	0.017323
3874	24.06.2025	BATTERY LIMIT VALVE	HOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3875	24.06.2025	BATTERY LIMIT VALVE	STEAM LINE HEADER UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3876	24.06.2025	BATTERY LIMIT VALVE	STEAM LINE HEADER DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3877	24.06.2025	BATTERY LIMIT VALVE	UPSTEAM FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
3878	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 A	SUCTION MOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3879	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 A	SUCTION MOV 1 DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3880	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 A	SUCTION MOV 2 UPSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
3881	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 A	SUCTION MOV 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3882	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 A	BASKET FILTER HOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3883	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 A	BASKET FILTER HOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3884	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 A	BASKET FILTER HOV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3885	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 A	BASKET FILTER HOV 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3886	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 A	BASKET FILTER - 1	Flange	0.0	1	100	0.000000	8760	0.000000
3887	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 A	BASKET FILTER - 2	Flange	0.0	1	100	0.000000	8760	0.000000
3888	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 A	SUCTION LINE PSV AND MOV	Flange	0.0	1	100	0.000000	8760	0.000000
3889	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 A	SUCTION LINE PSV AND MOV	Flange	0.0	1	100	0.000000	8760	0.000000
3890	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 A	PUMP SEAL	Pump Seal	0.0	1	100	0.000000	8760	0.000000
3891	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 A	DISCHARGE LINE NRV UP STEAM	Flange	0.0	1	100	0	8760	0.000000
3892	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 A	DISCHARGE LINE NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3893	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 A	DISCHARGE LINE MOV DOWN STEAM	Flange	0.4	1	100	0.000002	8760	0.021206
3894	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 A	DISCHARGE LINE MOV UP STEAM	Flange	0.3	1	100	0.000002	8760	0.017323
3895	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 A	DISCHARGE LINE NRV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3896	24.06.2025	FLOW CONTROL VALVE	FCV 1001 UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3897	24.06.2025	FLOW CONTROL VALVE	FCV 1001 DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3898	24.06.2025	FLOW CONTROL VALVE	HOV -1-UP STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
3899	24.06.2025	FLOW CONTROL VALVE	HOV-1- DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3900	24.06.2025	FLOW CONTROL VALVE	HOV-2-UP STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3901	24.06.2025	FLOW CONTROL VALVE	HOV-2- DOWN STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
3902	24.06.2025	FLOW CONTROL VALVE	HOV-3- UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3903	24.06.2025	FLOW CONTROL VALVE	HOV-3- DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3904	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 B	SUCTION MOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3905	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 B	SUCTION MOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3906	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 B	SUCTION MOV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3907	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 B	SUCTION MOV 2 DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3908	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 B	BASKET FILTER HOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3909	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 B	BASKET FILTER HOV 1 DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3910	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 B	BASKET FILTER HOV 2 UPSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
3911	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 B	BASKET FILTER HOV 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3912	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 B	BASKET FILTER - 1	Flange	0.0	1	100	0.000000	8760	0.000000
3913	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 B	BASKET FILTER - 2	Flange	0.0	1	100	0.000000	8760	0.000000
3914	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 B	SUCTION LINE PSV AND MOV	Flange	0.0	1	100	0.000000	8760	0.000000
3915	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 B	SUCTION LINE PSV AND MOV	Flange	0.0	1	100	0.000000	8760	0.000000
3916	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 B	PUMP SEAL	Pump Seal	0.0	1	100	0.000000	8760	0.000000
3917	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 B	DISCHARGE LINE NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000

3918	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 B	DISCHARGE LINE NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3919	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 B	DISCHARGE LINE MOV DOWN STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
3920	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 B	DISCHARGE LINE MOV UP STEAM	Flange	0.3	1	100	0.000002	8760	0.017323
3921	24.06.2025	FLOW CONTROL VALVE	FCV 1002 UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3922	24.06.2025	FLOW CONTROL VALVE	FCV 1002 DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3923	24.06.2025	FLOW CONTROL VALVE	HOV -1-UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3924	24.06.2025	FLOW CONTROL VALVE	HOV-1- DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3925	24.06.2025	FLOW CONTROL VALVE	HOV-2-UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3926	24.06.2025	FLOW CONTROL VALVE	HOV-2- DOWN STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
3927	24.06.2025	FLOW CONTROL VALVE	HOV-3- UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3928	24.06.2025	FLOW CONTROL VALVE	HOV-3- DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3929	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 C	SUCTION MOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3930	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 C	SUCTION MOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3931	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 C	SUCTION MOV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3932	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 C	SUCTION MOV 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3933	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 C	BASKET FILTER HOV 1 UPSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
3934	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 C	BASKET FILTER HOV 1 DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3935	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 C	BASKET FILTER HOV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3936	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 C	BASKET FILTER HOV 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3937	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 C	BASKET FILTER - 1	Flange	0.0	1	100	0.000000	8760	0.000000
3938	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 C	BASKET FILTER - 2	Flange	0.0	1	100	0.000000	8760	0.000000
3939	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 C	SUCTION LINE PSV AND MOV	Flange	0.0	1	100	0.000000	8760	0.000000
3940	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 C	SUCTION LINE PSV AND MOV	Flange	0.0	1	100	0.000000	8760	0.000000
3941	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 C	PUMP SEAL	Pump Seal	0.2	1	100	0.000001	8760	0.013027
3942	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 C	DISCHARGE LINE NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3943	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 C	DISCHARGE LINE NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3944	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 C	DISCHARGE LINE MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3945	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 C	DISCHARGE LINE MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3946	24.06.2025	FLOW CONTROL VALVE	FCV 1003 UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3947	24.06.2025	FLOW CONTROL VALVE	FCV 1003 DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3948	24.06.2025	FLOW CONTROL VALVE	HOV -1-UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3949	24.06.2025	FLOW CONTROL VALVE	HOV-1- DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3950	24.06.2025	FLOW CONTROL VALVE	HOV-2-UP STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
3951	24.06.2025	FLOW CONTROL VALVE	HOV-2- DOWN STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3952	24.06.2025	FLOW CONTROL VALVE	HOV-3- UP STEAM	Flange	0.3	1	100	0.000002	8760	0.017323
3953	24.06.2025	FLOW CONTROL VALVE	HOV-3- DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3954	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 D	SUCTION MOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3955	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 D	SUCTION MOV 1 DOWNSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
3956	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 D	SUCTION MOV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3957	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 D	SUCTION MOV 2 DOWNSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
3958	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 D	BASKET FILTER HOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3959	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 D	BASKET FILTER HOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3960	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 D	BASKET FILTER HOV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3961	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 D	BASKET FILTER HOV 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3962	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 D	BASKET FILTER - 1	Flange	0.0	1	100	0.000000	8760	0.000000
3963	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 D	BASKET FILTER - 2	Flange	0.0	1	100	0.000000	8760	0.000000
3964	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 D	SUCTION LINE PSV AND MOV	Flange	0.2	1	100	0.000001	8760	0.013027
3965	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 D	SUCTION LINE PSV AND MOV	Flange	0.0	1	100	0.000000	8760	0.000000
3966	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 D	PUMP SEAL	Pump Seal	0.1	1	100	0.000001	8760	0.008002
3967	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 D	DISCHARGE LINE NRV UP STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3968	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 D	DISCHARGE LINE NRV DOWN STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3969	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 D	DISCHARGE LINE MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3970	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 D	DISCHARGE LINE MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3971	24.06.2025	FLOW CONTROL VALVE	FCV 1004 UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3972	24.06.2025	FLOW CONTROL VALVE	FCV 1004 DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3973	24.06.2025	FLOW CONTROL VALVE	HOV -1-UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3974	24.06.2025	FLOW CONTROL VALVE	HOV-1- DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3975	24.06.2025	FLOW CONTROL VALVE	HOV-2-UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3976	24.06.2025	FLOW CONTROL VALVE	HOV-2- DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3977	24.06.2025	FLOW CONTROL VALVE	HOV-3- UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3978	24.06.2025	FLOW CONTROL VALVE	HOV-3- DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3979	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 E	SUCTION MOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3980	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 E	SUCTION MOV 1 DOWNSTEAM	Flange	0.5	1	100	0.000003	8760	0.024807
3981	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 E	SUCTION MOV 2 UPSTEAM	Flange	0.3	1	100	0.000002	8760	0.017323
3982	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 E	SUCTION MOV 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3983	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 E	BASKET FILTER HOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3984	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 E	BASKET FILTER HOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3985	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 E	BASKET FILTER HOV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3986	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 E	BASKET FILTER HOV 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3987	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 E	BASKET FILTER - 1	Flange	0.0	1	100	0.000000	8760	0.000000
3988	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 E	BASKET FILTER - 2	Flange	0.0	1	100	0.000000	8760	0.000000
3989	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 E	SUCTION LINE PSV AND MOV	Flange	0.0	1	100	0.000000	8760	0.000000
3990	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 E	SUCTION LINE PSV AND MOV	Flange	0.0	1	100	0.000000	8760	0.000000
3991	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 E	PUMP SEAL	Pump Seal	0.0	1	100	0.000000	8760	0.000000
3992	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 E	DISCHARGE LINE NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3993	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 E	DISCHARGE LINE NRV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3994	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 E	DISCHARGE LINE MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3995	24.06.2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 E	DISCHARGE LINE MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3996	24.06.2025	FLOW CONTROL VALVE	FCV 1004 UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3997	24.06.2025	FLOW CONTROL VALVE	FCV 1004 DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3998	24.06.2025	FLOW CONTROL VALVE	HOV -1-UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3999	24.06.2025	FLOW CONTROL VALVE	HOV-1- DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4000	24.06.2025	FLOW CONTROL VALVE	HOV-2-UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4001	24.06.2025	FLOW CONTROL VALVE	HOV-2- DOWN STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
4002	24.06.2025	FLOW CONTROL VALVE	HOV-3- UP STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
4003	24.06.2025	FLOW CONTROL VALVE	HOV-3- DOWN STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
4004	24.06.2025	CRUDE ITT PUMP FLANGE 201 P 002 A	SUCTION MOV 1 UPSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027

4005	24.06.2025	CRUDE ITT PUMP FLANGE 201 P 002 A	SUCTION MOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4006	24.06.2025	CRUDE ITT PUMP FLANGE 201 P 002 A	BASKET FILTER HOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4007	24.06.2025	CRUDE ITT PUMP FLANGE 201 P 002 A	BASKET FILTER HOV 1 DOWNSTEAM	Flange	0.3	1	100	0.000002	8760	0.017323
4008	24.06.2025	CRUDE ITT PUMP FLANGE 201 P 002 A	DISCHARGE LINE NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4009	24.06.2025	CRUDE ITT PUMP FLANGE 201 P 002 A	DISCHARGE LINE NRV DOWN STEAM	Flange	1.2	1	100	0.000005	8760	0.045906
4010	24.06.2025	CRUDE ITT PUMP FLANGE 201 P 002 A	DISCHARGE LINE MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4011	24.06.2025	CRUDE ITT PUMP FLANGE 201 P 002 A	DISCHARGE LINE MOV DOWN STEAM	Flange	0.9	1	100	0.000004	8760	0.037501
4012	24.06.2025	CRUDE ITT PUMP FLANGE 201 P 002 A	MOV 1 - UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4013	24.06.2025	CRUDE ITT PUMP FLANGE 201 P 002 A	MOV 1 - DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4014	24.06.2025	CRUDE ITT PUMP FLANGE 201 P 002 A	MOV 2 - UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4015	24.06.2025	CRUDE ITT PUMP FLANGE 201 P 002 A	MOV 2 - DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4016	24.06.2025	CRUDE ITT PUMP FLANGE 201 P 002 A	FCV 0011 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4017	24.06.2025	CRUDE ITT PUMP FLANGE 201 P 002 A	FCV 0011 DOWNSTEAM	Flange	0.8	1	100	0.000004	8760	0.034521
4018	24.06.2025	CRUDE ITT PUMP FLANGE 201 P 002 A	HOV -1-UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4019	24.06.2025	CRUDE ITT PUMP FLANGE 201 P 002 A	HOV-1- DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4020	24.06.2025	CRUDE ITT PUMP FLANGE 201 P 002 A	HOV-2-UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4021	24.06.2025	CRUDE ITT PUMP FLANGE 201 P 002 A	HOV-2- DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4022	24.06.2025	CRUDE ITT PUMP FLANGE 201 P 002 A	HOV-3- UP STEAM	Flange	0.9	1	100	0.000004	8760	0.037501
4023	24.06.2025	CRUDE ITT PUMP FLANGE 201 P 002 A	HOV-3- DOWN STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
4024	24.06.2025	CRUDE ITT PUMP FLANGE 201 P 002 B	SUCTION MOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4025	24.06.2025	CRUDE ITT PUMP FLANGE 201 P 002 B	SUCTION MOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4026	24.06.2025	CRUDE ITT PUMP FLANGE 201 P 002 B	BASKET FILTER HOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4027	24.06.2025	CRUDE ITT PUMP FLANGE 201 P 002 B	BASKET FILTER HOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4028	24.06.2025	CRUDE ITT PUMP FLANGE 201 P 002 B	DISCHARGE LINE NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4029	24.06.2025	CRUDE ITT PUMP FLANGE 201 P 002 B	DISCHARGE LINE NRV DOWN STEAM	Flange	2.9	1	100	0.000010	8760	0.085363
4030	24.06.2025	CRUDE ITT PUMP FLANGE 201 P 002 B	DISCHARGE LINE MOV UP STEAM	Flange	3.4	1	100	0.000011	8760	0.095463
4031	24.06.2025	CRUDE ITT PUMP FLANGE 201 P 002 B	DISCHARGE LINE MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4032	24.06.2025	CRUDE ITT PUMP FLANGE 201 P 002 B	MOV 1 - UPSTEAM	Flange	1.5	1	100	0.000006	8760	0.053703
4033	24.06.2025	CRUDE ITT PUMP FLANGE 201 P 002 B	MOV 1 - DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4034	24.06.2025	CRUDE ITT PUMP FLANGE 201 P 002 B	MOV 2 - UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4035	24.06.2025	CRUDE ITT PUMP FLANGE 201 P 002 B	MOV 2 - DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4036	24.06.2025	CRUDE ITT PUMP FLANGE 201 P 002 B	MOV 3 - UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4037	24.06.2025	CRUDE ITT PUMP FLANGE 201 P 002 B	MOV 3 - DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4038	24.06.2025	CRUDE ITT PUMP FLANGE 201 P 002 B	MOV 4 - UPSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
4039	24.06.2025	CRUDE ITT PUMP FLANGE 201 P 002 B	MOV 4 - DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4040	24.06.2025	CRUDE ITT PUMP FLANGE 201 P 002 B	MOV 5 - UPSTEAM	Flange	0.3	1	100	0.000002	8760	0.017323
4041	24.06.2025	CRUDE ITT PUMP FLANGE 201 P 002 B	MOV 5 - DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4042	24.06.2025	CRUDE ITT PUMP FLANGE 201 P 002 B	STRAINER MOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4043	24.06.2025	CRUDE ITT PUMP FLANGE 201 P 002 B	STRAINER MOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4044	24.06.2025	TPI FLANGE	HOV AT OILY WATER UPSTEM	Flange	0.0	1	100	0.000000	8760	0.000000
4045	24.06.2025	TPI FLANGE	HOV AT OILY WATER DOWNSTEM	Flange	0.1	1	100	0.000001	8760	0.008002
4046	24.06.2025	TPI FLANGE	FLANGE CONNECTED TO GROUND TANK	Flange	0.1	1	100	0.000001	8760	0.008002
4047	24.06.2025	TPI FLANGE	FLANGE CONNECTED TO TK-1101A	Flange	0.0	1	100	0.000000	8760	0.000000
4048	24.06.2025	TPI FLANGE	FLANGE DISCHARGE LINE OF K-1101A	Flange	0.2	1	100	0.000001	8760	0.013027
4049	24.06.2025	TPI FLANGE	HOV FLANGE FROM WATER	Flange	1.4	1	100	0.000006	8760	0.051160
4050	24.06.2025	TPI FLANGE	GROUND OILY WATER TANK	Flange	0.0	1	100	0.000000	8760	0.000000
4051	24.06.2025	TPI FLANGE	SUCTION AND DISCHARGE SCREW PUMP	Flange	0.3	1	100	0.000002	8760	0.017323
4052	24.06.2025	TPI FLANGE	HOV - 1 OILY WATER TO TPI UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4053	24.06.2025	TPI FLANGE	HOV - 1 OILY WATER TO TPI DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4054	24.06.2025	TPI FLANGE	HOV - 2 OILY WATER TO TPI UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4055	24.06.2025	TPI FLANGE	HOV - 2 OILY WATER TO TPI DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4056	24.06.2025	TPI FLANGE	SKIMMED OIL LINE TK 1101A	Flange	4.2	1	100	0.000013	8760	0.110751
4057	24.06.2025	TPI FLANGE	SKIMMED OIL LINE TK 1102A	Flange	0.0	1	100	0.000000	8760	0.000000
4058	24.06.2025	TPI FLANGE	SKIMMED OIL LINE TK 1102C	Flange	0.0	1	100	0.000000	8760	0.000000
4059	24.06.2025	TPI FLANGE	TPI INLET TK-1101A UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4060	24.06.2025	TPI FLANGE	TPI INLET TK-1101A DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4061	24.06.2025	TPI FLANGE	TPI INLET TK-1101C UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4062	24.06.2025	TPI FLANGE	TPI INLET TK-1101C DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4063	24.06.2025	TPI FLANGE	FLANGE SUCTION BLOWER OF VOC ABSORBER	Flange	0.0	1	100	0.000000	8760	0.000000
4064	24.06.2025	CRUDE TANK	TK 01 PSVUP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4065	24.06.2025	CRUDE TANK	TK 01 PSV DOWN STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
4066	24.06.2025	CRUDE TANK	STREAM HOV UP STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
4067	24.06.2025	CRUDE TANK	STREAM HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4068	24.06.2025	CRUDE TANK	TK 02 PSVUP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4069	24.06.2025	CRUDE TANK	TK 02 PSV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4070	24.06.2025	CRUDE TANK	STREAM HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4071	24.06.2025	CRUDE TANK	STREAM HOV DOWN STEAM	Flange	0.3	1	100	0.000002	8760	0.017323
4072	24.06.2025	CRUDE TANK	TK 03 PSVUP STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
4073	24.06.2025	CRUDE TANK	TK 03PSV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4074	24.06.2025	CRUDE TANK	STREAM HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4075	24.06.2025	CRUDE TANK	STREAM HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4076	24.06.2025	CRUDE TANK	TK 04 PSVUP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4077	24.06.2025	CRUDE TANK	TK 04PSV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4078	24.06.2025	CRUDE TANK	STREAM HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4079	24.06.2025	CRUDE TANK	STREAM HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4080	24.06.2025	CRUDE TANK	TK 05 PSVUP STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
4081	24.06.2025	CRUDE TANK	TK 05PSV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4082	24.06.2025	CRUDE TANK	STREAM HOV UP STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
4083	24.06.2025	CRUDE TANK	STREAM HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4084	24.06.2025	CRUDE TANK	TK 06 PSVUP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4085	24.06.2025	CRUDE TANK	TK 06 PSV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4086	24.06.2025	CRUDE TANK	STREAM HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4087	24.06.2025	CRUDE TANK	STREAM HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4088	24.06.2025	CRUDE TANK	TK 07 PSVUP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4089	24.06.2025	CRUDE TANK	TK 07 PSV DOWN STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
4090	24.06.2025	CRUDE TANK	STREAM HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4091	24.06.2025	CRUDE TANK	STREAM HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000

4092	24.06.2025	CRUDE TANK	TK 08 PSVUP STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
4093	24.06.2025	CRUDE TANK	TK 08 PSV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4094	24.06.2025	CRUDE TANK	STREAM HOV UP STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
4095	24.06.2025	CRUDE TANK	STREAM HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4096	24.06.2025	CRUDE TANK	TK 09 PSVUP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4097	24.06.2025	CRUDE TANK	TK 09 PSV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4098	24.06.2025	CRUDE TANK	STREAM HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4099	24.06.2025	CRUDE TANK	STREAM HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4100	24.06.2025	CRUDE TANK	LAST HOV	Flange	0.0	1	100	0.000000	8760	0.000000
4101	24.06.2025	CRude tank NO -12 INSIDE DYKE	OUTLET XZV UP STEAM 5024	Flange	0.3	1	100	0.000002	8760	0.017323
4102	24.06.2025	CRude tank NO -12 INSIDE DYKE	OUTLET XZV down steam 5024	Flange	0.4	1	100	0.000002	8760	0.021206
4103	24.06.2025	CRude tank NO -12 INSIDE DYKE	MANWAY A	Flange	0.0	1	100	0.000000	8760	0.000000
4104	24.06.2025	CRude tank NO -12 INSIDE DYKE	MANWAY B	Flange	0.0	1	100	0.000000	8760	0.000000
4105	24.06.2025	CRude tank NO -12 INSIDE DYKE	MANWAY C	Flange	0.0	1	100	0.000000	8760	0.000000
4106	24.06.2025	CRude tank NO -12 INSIDE DYKE	WD/A UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4107	24.06.2025	CRude tank NO -12 INSIDE DYKE	WD/A down steam	Flange	0.0	1	100	0.000000	8760	0.000000
4108	24.06.2025	CRude tank NO -12 INSIDE DYKE	WD/B UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4109	24.06.2025	CRude tank NO -12 INSIDE DYKE	WD/B down steam	Flange	0.4	1	100	0.000002	8760	0.021206
4110	24.06.2025	CRude tank NO -12 INSIDE DYKE	WD/C UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4111	24.06.2025	CRude tank NO -12 INSIDE DYKE	WD/C down steam	Flange	0.0	1	100	0.000000	8760	0.000000
4112	24.06.2025	CRude tank NO -12 INSIDE DYKE	WD/D UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4113	24.06.2025	CRude tank NO -12 INSIDE DYKE	WD/D down steam	Flange	0.1	1	100	0.000001	8760	0.008002
4114	24.06.2025	CRude tank NO -12 INSIDE DYKE	CLEAN OUT DOOR	Flange	0.0	1	100	0.000000	8760	0.000000
4115	24.06.2025	CRude tank NO -12 INSIDE DYKE	JET MIXTURE MOV 0103	Flange	0.3	1	100	0.000002	8760	0.017323
4116	24.06.2025	CRude tank NO -12 INSIDE DYKE	JET MIXTURE MOV	Flange	0.0	1	100	0.000000	8760	0.000000
4117	24.06.2025	CRude tank NO -12 INSIDE DYKE	INLET XZV UP STEAM 5023	Flange	0.0	1	100	0.000000	8760	0.000000
4118	24.06.2025	CRude tank NO -12 INSIDE DYKE	INLET XZV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4119	24.06.2025	OUTSIDE DYKE	INLET MOV 0100	Flange	0.0	1	100	0.000000	8760	0.000000
4120	24.06.2025	OUTSIDE DYKE	INLET MOV 0101	Flange	0.0	1	100	0.000000	8760	0.000000
4121	24.06.2025	OUTSIDE DYKE	HEEL STRIPPING HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4122	24.06.2025	OUTSIDE DYKE	HEEL STRIPPING HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4123	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM 0106	Flange	0.0	1	100	0.000000	8760	0.000000
4124	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4125	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM 0107	Flange	0.0	1	100	0.000000	8760	0.000000
4126	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4127	24.06.2025	OUTSIDE DYKE	ITT SUCTION MOV UP STEAM 0104	Flange	0.0	1	100	0.000000	8760	0.000000
4128	24.06.2025	OUTSIDE DYKE	ITT SUCTION MOV DOWN STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
4129	24.06.2025	OUTSIDE DYKE	ITT DISCHARGE MOV UP STEAM 0102	Flange	0.0	1	100	0.000000	8760	0.000000
4130	24.06.2025	OUTSIDE DYKE	ITT DISCHARGE MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4131	24.06.2025	END FLANGES	CRUDE OUTLET LAST	Flange	0.0	1	100	0.000000	8760	0.000000
4132	24.06.2025	CRude tank NO -12 Tank Top	RIM SEAL EAST	Flange	2.3	1	100	0.000008	8760	0.072527
4133	24.06.2025	CRude tank NO -12 Tank Top	RIM SEAL WEST	Flange	4.1	1	100	0.000012	8760	0.108891
4134	24.06.2025	CRude tank NO -12 Tank Top	RIM SEAL NORTH	Flange	0.0	1	100	0.000000	8760	0.000000
4135	24.06.2025	CRude tank NO -12 Tank Top	RIM SEAL SOUTH	Flange	0.8	1	100	0.000004	8760	0.034521
4136	24.06.2025	CRude tank NO -12 Tank Top	DIPHATCH	Flange	1.7	1	100	0.000007	8760	0.058642
4137	24.06.2025	CRude tank NO -13 INSIDE DYKE	OUTLET XZV UP STEAM 5026	Flange	0.5	1	100	0.000003	8760	0.024807
4138	24.06.2025	CRude tank NO -13 INSIDE DYKE	OUTLET XZV down steam 5026	Flange	0.5	1	100	0.000003	8760	0.024807
4139	24.06.2025	CRude tank NO -13 INSIDE DYKE	MANWAY A	Flange	0.1	1	100	0.000001	8760	0.008002
4140	24.06.2025	CRude tank NO -13 INSIDE DYKE	MANWAY B	Flange	0.0	1	100	0.000000	8760	0.000000
4141	24.06.2025	CRude tank NO -13 INSIDE DYKE	MANWAY C	Flange	0.0	1	100	0.000000	8760	0.000000
4142	24.06.2025	CRude tank NO -13 INSIDE DYKE	WD/A UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4143	24.06.2025	CRude tank NO -13 INSIDE DYKE	WD/A down steam	Flange	0.0	1	100	0.000000	8760	0.000000
4144	24.06.2025	CRude tank NO -13 INSIDE DYKE	WD/B UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4145	24.06.2025	CRude tank NO -13 INSIDE DYKE	WD/B down steam	Flange	0.0	1	100	0.000000	8760	0.000000
4146	24.06.2025	CRude tank NO -13 INSIDE DYKE	WD/C UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4147	24.06.2025	CRude tank NO -13 INSIDE DYKE	WD/C down steam	Flange	0.0	1	100	0.000000	8760	0.000000
4148	24.06.2025	CRude tank NO -13 INSIDE DYKE	WD/D UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4149	24.06.2025	CRude tank NO -13 INSIDE DYKE	WD/D down steam	Flange	0.0	1	100	0.000000	8760	0.000000
4150	24.06.2025	CRude tank NO -13 INSIDE DYKE	CLEAN OUT DOOR	Flange	0.0	1	100	0.000000	8760	0.000000
4151	24.06.2025	CRude tank NO -13 INSIDE DYKE	JET MIXTURE MOV 0112	Flange	0.0	1	100	0.000000	8760	0.000000
4152	24.06.2025	CRude tank NO -13 INSIDE DYKE	JET MIXTURE MOV	Flange	0.0	1	100	0.000000	8760	0.000000
4153	24.06.2025	CRude tank NO -13 INSIDE DYKE	INLET XZV UP STEAM 5025	Flange	0.0	1	100	0.000000	8760	0.000000
4154	24.06.2025	CRude tank NO -13 INSIDE DYKE	INLET XZV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4155	24.06.2025	OUTSIDE DYKE	INLET MOV 0110	Flange	0.0	1	100	0.000000	8760	0.000000
4156	24.06.2025	OUTSIDE DYKE	INLET MOV 0109	Flange	0.0	1	100	0.000000	8760	0.000000
4157	24.06.2025	OUTSIDE DYKE	HEEL STRIPPING HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4158	24.06.2025	OUTSIDE DYKE	HEEL STRIPPING HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4159	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM 0116	Flange	1.9	1	100	0.000007	8760	0.063412
4160	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	1.2	1	100	0.000005	8760	0.045906
4161	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM 0115	Flange	0.0	1	100	0.000000	8760	0.000000
4162	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4163	24.06.2025	OUTSIDE DYKE	ITT SUCTION MOV UP STEAM 0113	Flange	0.0	1	100	0.000000	8760	0.000000
4164	24.06.2025	OUTSIDE DYKE	ITT SUCTION MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4165	24.06.2025	OUTSIDE DYKE	ITT DISCHARGE MOV UP STEAM 0111	Flange	0.1	1	100	0.000001	8760	0.008002
4166	24.06.2025	OUTSIDE DYKE	ITT DISCHARGE MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4167	24.06.2025	END FLANGES	CRUDE OUTLET LAST	Flange	0.0	1	100	0.000000	8760	0.000000
4168	24.06.2025	CRude tank NO -13 Tank Top	RIM SEAL EAST	Flange	0.8	1	100	0.000004	8760	0.034521
4169	24.06.2025	CRude tank NO -13 Tank Top	RIM SEAL WEST	Flange	0.8	1	100	0.000004	8760	0.034521
4170	24.06.2025	CRude tank NO -13 Tank Top	RIM SEAL NORTH	Flange	1.4	1	100	0.000006	8760	0.051160
4171	24.06.2025	CRude tank NO -13 Tank Top	RIM SEAL SOUTH	Flange	1.7	1	100	0.000007	8760	0.058642
4172	24.06.2025	CRude tank NO -13 Tank Top	DIPHATCH	Flange	0.9	1	100	0.000004	8760	0.037501
4173	24.06.2025	CRude tank NO -14 INSIDE DYKE	OUTLET XZV UP STEAM 5028	Flange	0.7	1	100	0.000004	8760	0.031427
4174	24.06.2025	CRude tank NO -14 INSIDE DYKE	OUTLET XZV down steam 5028	Flange	0.3	1	100	0.000002	8760	0.017323
4175	24.06.2025	CRude tank NO -14 INSIDE DYKE	MANWAY A	Flange	0.1	1	100	0.000001	8760	0.008002

4176	24.06.2025	CRude tank NO -14 INSIDE DYKE	MANWAY B	Flange	0.0	1	100	0.000000	8760	0.000000
4177	24.06.2025	CRude tank NO -14 INSIDE DYKE	MANWAY C	Flange	0.0	1	100	0.000000	8760	0.000000
4178	24.06.2025	CRude tank NO -14 INSIDE DYKE	WD/A UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4179	24.06.2025	CRude tank NO -14 INSIDE DYKE	WD/A down steam	Flange	0.3	1	100	0.000002	8760	0.017323
4180	24.06.2025	CRude tank NO -14 INSIDE DYKE	WD/B UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4181	24.06.2025	CRude tank NO -14 INSIDE DYKE	WD/B down steam	Flange	0.0	1	100	0.000000	8760	0.000000
4182	24.06.2025	CRude tank NO -14 INSIDE DYKE	WD/C UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4183	24.06.2025	CRude tank NO -14 INSIDE DYKE	WD/C down steam	Flange	0.0	1	100	0.000000	8760	0.000000
4184	24.06.2025	CRude tank NO -14 INSIDE DYKE	WD/D UP STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
4185	24.06.2025	CRude tank NO -14 INSIDE DYKE	WD/D down steam	Flange	0.0	1	100	0.000000	8760	0.000000
4186	24.06.2025	CRude tank NO -14 INSIDE DYKE	CLEAN OUT DOOR	Flange	0.0	1	100	0.000000	8760	0.000000
4187	24.06.2025	CRude tank NO -14 INSIDE DYKE	JET MIXTURE MOV 0121	Flange	0.0	1	100	0.000000	8760	0.000000
4188	24.06.2025	CRude tank NO -14 INSIDE DYKE	JET MIXTURE MOV	Flange	0.0	1	100	0.000000	8760	0.000000
4189	24.06.2025	CRude tank NO -14 INSIDE DYKE	INLET XZV UP STEAM 5027	Flange	0.0	1	100	0.000000	8760	0.000000
4190	24.06.2025	CRude tank NO -14 INSIDE DYKE	INLET XZV DOWN STEAM	Flange	0.3	1	100	0.000002	8760	0.017323
4191	24.06.2025	OUTSIDE DYKE	INLET MOV 0119	Flange	0.0	1	100	0.000000	8760	0.000000
4192	24.06.2025	OUTSIDE DYKE	INLET MOV 0118	Flange	0.0	1	100	0.000000	8760	0.000000
4193	24.06.2025	OUTSIDE DYKE	HEEL STRIPPING HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4194	24.06.2025	OUTSIDE DYKE	HEEL STRIPPING HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4195	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM 0125	Flange	0.0	1	100	0.000000	8760	0.000000
4196	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
4197	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM 0124	Flange	0.0	1	100	0.000000	8760	0.000000
4198	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4199	24.06.2025	OUTSIDE DYKE	ITT SUCTION MOV UP STEAM 0122	Flange	0.0	1	100	0.000000	8760	0.000000
4200	24.06.2025	OUTSIDE DYKE	ITT SUCTION MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4201	24.06.2025	OUTSIDE DYKE	ITT DISCHARGE MOV UP STEAM 0120	Flange	0.0	1	100	0.000000	8760	0.000000
4202	24.06.2025	OUTSIDE DYKE	ITT DISCHARGE MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4203	24.06.2025	END FLANGES	CRUDE OUTLET LAST	Flange	0.0	1	100	0.000000	8760	0.000000
4204	24.06.2025	CRude tank NO -14 Tank Top	RIM SEAL EAST	Flange	0.5	1	100	0.000003	8760	0.024807
4205	24.06.2025	CRude tank NO -14 Tank Top	RIM SEAL WEST	Flange	1.2	1	100	0.000005	8760	0.045906
4206	24.06.2025	CRude tank NO -14 Tank Top	RIM SEAL NORTH	Flange	2.7	1	100	0.000009	8760	0.081181
4207	24.06.2025	CRude tank NO -14 Tank Top	RIM SEAL SOUTH	Flange	1.5	1	100	0.000006	8760	0.053703
4208	24.06.2025	CRude tank NO -14 Tank Top	DIPHATCH	Flange	1.6	1	100	0.000006	8760	0.056195
4209	24.06.2025	CRude tank NO -15 INSIDE DYKE	OUTLET XZV UP STEAM 5030	Flange	0.3	1	100	0.000002	8760	0.017323
4210	24.06.2025	CRude tank NO -15 INSIDE DYKE	OUTLET XZV down steam 5030	Flange	0.3	1	100	0.000002	8760	0.017323
4211	24.06.2025	CRude tank NO -15 INSIDE DYKE	MANWAY A	Flange	0.1	1	100	0.000001	8760	0.008002
4212	24.06.2025	CRude tank NO -15 INSIDE DYKE	MANWAY B	Flange	0.0	1	100	0.000000	8760	0.000000
4213	24.06.2025	CRude tank NO -15 INSIDE DYKE	MANWAY C	Flange	0.0	1	100	0.000000	8760	0.000000
4214	24.06.2025	CRude tank NO -15 INSIDE DYKE	WD/A UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4215	24.06.2025	CRude tank NO -15 INSIDE DYKE	WD/A down steam	Flange	0.2	1	100	0.000001	8760	0.013027
4216	24.06.2025	CRude tank NO -15 INSIDE DYKE	WD/B UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4217	24.06.2025	CRude tank NO -15 INSIDE DYKE	WD/B down steam	Flange	0.0	1	100	0.000000	8760	0.000000
4218	24.06.2025	CRude tank NO -15 INSIDE DYKE	WD/C UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4219	24.06.2025	CRude tank NO -15 INSIDE DYKE	WD/C down steam	Flange	0.1	1	100	0.000001	8760	0.008002
4220	24.06.2025	CRude tank NO -15 INSIDE DYKE	WD/D UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4221	24.06.2025	CRude tank NO -15 INSIDE DYKE	WD/D down steam	Flange	0.0	1	100	0.000000	8760	0.000000
4222	24.06.2025	CRude tank NO -15 INSIDE DYKE	CLEAN OUT DOOR	Flange	0.0	1	100	0.000000	8760	0.000000
4223	24.06.2025	CRude tank NO -15 INSIDE DYKE	JET MIXTURE MOV 0130	Flange	0.0	1	100	0.000000	8760	0.000000
4224	24.06.2025	CRude tank NO -15 INSIDE DYKE	JET MIXTURE MOV	Flange	0.1	1	100	0.000001	8760	0.008002
4225	24.06.2025	CRude tank NO -15 INSIDE DYKE	INLET XZV UP STEAM 5029	Flange	0.0	1	100	0.000000	8760	0.000000
4226	24.06.2025	CRude tank NO -15 INSIDE DYKE	INLET XZV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4227	24.06.2025	OUTSIDE DYKE	INLET MOV 0128	Flange	0.1	1	100	0.000001	8760	0.008002
4228	24.06.2025	OUTSIDE DYKE	INLET MOV 0127	Flange	0.1	1	100	0.000001	8760	0.008002
4229	24.06.2025	OUTSIDE DYKE	HEEL STRIPPING HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4230	24.06.2025	OUTSIDE DYKE	HEEL STRIPPING HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4231	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM 0133	Flange	0.9	1	100	0.000004	8760	0.037501
4232	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.8	1	100	0.000004	8760	0.034521
4233	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM 0134	Flange	0.9	1	100	0.000004	8760	0.037501
4234	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4235	24.06.2025	OUTSIDE DYKE	ITT SUCTION MOV UP STEAM 0131	Flange	0.0	1	100	0.000000	8760	0.000000
4236	24.06.2025	OUTSIDE DYKE	ITT SUCTION MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4237	24.06.2025	OUTSIDE DYKE	ITT DISCHARGE MOV UP STEAM 0129	Flange	0.0	1	100	0.000000	8760	0.000000
4238	24.06.2025	OUTSIDE DYKE	ITT DISCHARGE MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4239	24.06.2025	END FLANGES	CRUDE OUTLET LAST	Flange	0.0	1	100	0.000000	8760	0.000000
4240	24.06.2025	CRude tank NO -15 Tank Top	RIM SEAL EAST	Flange	1.8	1	100	0.000007	8760	0.061047
4241	24.06.2025	CRude tank NO -15 Tank Top	RIM SEAL WEST	Flange	3.9	1	100	0.000012	8760	0.105129
4242	24.06.2025	CRude tank NO -15 Tank Top	RIM SEAL NORTH	Flange	2.9	1	100	0.000010	8760	0.085363
4243	24.06.2025	CRude tank NO -15 Tank Top	RIM SEAL SOUTH	Flange	1.5	1	100	0.000006	8760	0.053703
4244	24.06.2025	CRude tank NO -15 Tank Top	DIPHATCH	Flange	0.7	1	100	0.000004	8760	0.031427
4245	24.06.2025	CRude tank NO -16 INSIDE DYKE	OUTLET XZV UP STEAM 5032	Flange	0.3	1	100	0.000002	8760	0.017323
4246	24.06.2025	CRude tank NO -16 INSIDE DYKE	OUTLET XZV down steam 5032	Flange	0.1	1	100	0.000001	8760	0.008002
4247	24.06.2025	CRude tank NO -16 INSIDE DYKE	MANWAY A	Flange	0.2	1	100	0.000001	8760	0.013027
4248	24.06.2025	CRude tank NO -16 INSIDE DYKE	MANWAY B	Flange	0.0	1	100	0.000000	8760	0.000000
4249	24.06.2025	CRude tank NO -16 INSIDE DYKE	MANWAY C	Flange	0.0	1	100	0.000000	8760	0.000000
4250	24.06.2025	CRude tank NO -16 INSIDE DYKE	WD/A UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4251	24.06.2025	CRude tank NO -16 INSIDE DYKE	WD/A down steam	Flange	0.0	1	100	0.000000	8760	0.000000
4252	24.06.2025	CRude tank NO -16 INSIDE DYKE	WD/B UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4253	24.06.2025	CRude tank NO -16 INSIDE DYKE	WD/B down steam	Flange	0.0	1	100	0.000000	8760	0.000000
4254	24.06.2025	CRude tank NO -16 INSIDE DYKE	WD/C UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4255	24.06.2025	CRude tank NO -16 INSIDE DYKE	WD/C down steam	Flange	0.0	1	100	0.000000	8760	0.000000
4256	24.06.2025	CRude tank NO -16 INSIDE DYKE	WD/D UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4257	24.06.2025	CRude tank NO -16 INSIDE DYKE	WD/D down steam	Flange	0.0	1	100	0.000000	8760	0.000000
4258	24.06.2025	CRude tank NO -16 INSIDE DYKE	CLEAN OUT DOOR	Flange	0.5	1	100	0.000003	8760	0.024807
4259	24.06.2025	CRude tank NO -16 INSIDE DYKE	JET MIXTURE MOV 0139	Flange	0.0	1	100	0.000000	8760	0.000000

4260	24.06.2025	CRude tank NO -16 INSIDE DYKE	JET MIXTURE MOV	Flange	0.0	1	100	0.000000	8760	0.000000
4261	24.06.2025	CRude tank NO -16 INSIDE DYKE	INLET XZV UP STEAM 5031	Flange	0.0	1	100	0.000000	8760	0.000000
4262	24.06.2025	CRude tank NO -16 INSIDE DYKE	INLET XZV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4263	24.06.2025	OUTSIDE DYKE	INLET MOV 0137	Flange	0.0	1	100	0.000000	8760	0.000000
4264	24.06.2025	OUTSIDE DYKE	INLET MOV 0136	Flange	0.0	1	100	0.000000	8760	0.000000
4265	24.06.2025	OUTSIDE DYKE	HEEL STRIPPING HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4266	24.06.2025	OUTSIDE DYKE	HEEL STRIPPING HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4267	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM 0143	Flange	0.0	1	100	0.000000	8760	0.000000
4268	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.9	1	100	0.000004	8760	0.037501
4269	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM 0142	Flange	0.0	1	100	0.000000	8760	0.000000
4270	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4271	24.06.2025	OUTSIDE DYKE	ITT SUCTION MOV UP STEAM 0140	Flange	0.0	1	100	0.000000	8760	0.000000
4272	24.06.2025	OUTSIDE DYKE	ITT SUCTION MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4273	24.06.2025	OUTSIDE DYKE	ITT DISCHARGE MOV UP STEAM 0138	Flange	0.0	1	100	0.000000	8760	0.000000
4274	24.06.2025	OUTSIDE DYKE	ITT DISCHARG MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4275	24.06.2025	END FLANGES	CRUDE OUTLET LAST	Flange	0.0	1	100	0.000000	8760	0.000000
4276	24.06.2025	CRude tank NO -16 Tank Top	RIM SEAL EAST	Flange	3.1	1	100	0.000010	8760	0.089461
4277	24.06.2025	CRude tank NO -16 Tank Top	RIM SEAL WEST	Flange	4.8	1	100	0.000014	8760	0.121652
4278	24.06.2025	CRude tank NO -16 Tank Top	RIM SEAL NORTH	Flange	7.1	1	100	0.000018	8760	0.160192
4279	24.06.2025	CRude tank NO -16 Tank Top	RIM SEAL SOUTH	Flange	5.2	1	100	0.000015	8760	0.128693
4280	24.06.2025	CRude tank NO -16 Tank Top	DIPHATCH	Flange	1.9	1	100	0.000007	8760	0.063412
4281	24.06.2025	CRude tank NO -17 INSIDE DYKE	OUTLET XZV UP STEAM 5034	Flange	0.0	1	100	0.000000	8760	0.000000
4282	24.06.2025	CRude tank NO -17 INSIDE DYKE	OUTLET XZV down steam 5034	Flange	0.0	1	100	0.000000	8760	0.000000
4283	24.06.2025	CRude tank NO -17 INSIDE DYKE	MANWAY A	Flange	0.0	1	100	0.000000	8760	0.000000
4284	24.06.2025	CRude tank NO -17 INSIDE DYKE	MANWAY B	Flange	0.2	1	100	0.000001	8760	0.013027
4285	24.06.2025	CRude tank NO -17 INSIDE DYKE	MANWAY C	Flange	0.0	1	100	0.000000	8760	0.000000
4286	24.06.2025	CRude tank NO -17 INSIDE DYKE	WD/A UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4287	24.06.2025	CRude tank NO -17 INSIDE DYKE	WD/A down steam	Flange	0.0	1	100	0.000000	8760	0.000000
4288	24.06.2025	CRude tank NO -17 INSIDE DYKE	WD/B UP STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
4289	24.06.2025	CRude tank NO -17 INSIDE DYKE	WD/B down steam	Flange	0.0	1	100	0.000000	8760	0.000000
4290	24.06.2025	CRude tank NO -17 INSIDE DYKE	WD/C UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4291	24.06.2025	CRude tank NO -17 INSIDE DYKE	WD/C down steam	Flange	0.0	1	100	0.000000	8760	0.000000
4292	24.06.2025	CRude tank NO -17 INSIDE DYKE	WD/D UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4293	24.06.2025	CRude tank NO -17 INSIDE DYKE	WD/D down steam	Flange	0.0	1	100	0.000000	8760	0.000000
4294	24.06.2025	CRude tank NO -17 INSIDE DYKE	CLEAN OUT DOOR	Flange	0.0	1	100	0.000000	8760	0.000000
4295	24.06.2025	CRude tank NO -17 INSIDE DYKE	JET MIXTURE MOV 0148	Flange	0.2	1	100	0.000001	8760	0.013027
4296	24.06.2025	CRude tank NO -17 INSIDE DYKE	JET MIXTURE MOV	Flange	0.1	1	100	0.000001	8760	0.008002
4297	24.06.2025	CRude tank NO -17 INSIDE DYKE	INLET XZV UP STEAM 5033	Flange	0.0	1	100	0.000000	8760	0.000000
4298	24.06.2025	CRude tank NO -17 INSIDE DYKE	INLET XZV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4299	24.06.2025	OUTSIDE DYKE	INLET MOV 0146	Flange	0.0	1	100	0.000000	8760	0.000000
4300	24.06.2025	OUTSIDE DYKE	INLET MOV 0145	Flange	0.0	1	100	0.000000	8760	0.000000
4301	24.06.2025	OUTSIDE DYKE	HEEL STRIPPING HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4302	24.06.2025	OUTSIDE DYKE	HEEL STRIPPING HOV DOWN STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
4303	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM 0152	Flange	0.0	1	100	0.000000	8760	0.000000
4304	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
4305	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM 0151	Flange	0.1	1	100	0.000001	8760	0.008002
4306	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
4307	24.06.2025	OUTSIDE DYKE	ITT SUCTION MOV UP STEAM 0149	Flange	0.0	1	100	0.000000	8760	0.000000
4308	24.06.2025	OUTSIDE DYKE	ITT SUCTION MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4309	24.06.2025	OUTSIDE DYKE	ITT DISCHARGE MOV UP STEAM 0147	Flange	0.0	1	100	0.000000	8760	0.000000
4310	24.06.2025	OUTSIDE DYKE	ITT DISCHARGE MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4311	24.06.2025	END FLANGES	CRUDE OUTLET LAST	Flange	0.0	1	100	0.000000	8760	0.000000
4312	24.06.2025	CRude tank NO -17 Tank Top	RIM SEAL EAST	Flange	0.0	1	100	0.000000	8760	0.000000
4313	24.06.2025	CRude tank NO -17 Tank Top	RIM SEAL WEST	Flange	1.2	1	100	0.000005	8760	0.045906
4314	24.06.2025	CRude tank NO -17 Tank Top	RIM SEAL NORTH	Flange	3.4	1	100	0.000011	8760	0.095463
4315	24.06.2025	CRude tank NO -17 Tank Top	RIM SEAL SOUTH	Flange	1.5	1	100	0.000006	8760	0.053703
4316	24.06.2025	CRude tank NO -17 Tank Top	DIPHATCH	Flange	0.9	1	100	0.000004	8760	0.037501
4317	24.06.2025	CRude tank NO -18 INSIDE DYKE	OUTLET XZV UP STEAM 5036	Flange	5.6	1	100	0.000015	8760	0.135575
4318	24.06.2025	CRude tank NO -18 INSIDE DYKE	OUTLET XZV down steam 5036	Flange	0.3	1	100	0.000002	8760	0.017323
4319	24.06.2025	CRude tank NO -18 INSIDE DYKE	MANWAY A	Flange	0.2	1	100	0.000001	8760	0.013027
4320	24.06.2025	CRude tank NO -18 INSIDE DYKE	MANWAY B	Flange	0.1	1	100	0.000001	8760	0.008002
4321	24.06.2025	CRude tank NO -18 INSIDE DYKE	MANWAY C	Flange	0.0	1	100	0.000000	8760	0.000000
4322	24.06.2025	CRude tank NO -18 INSIDE DYKE	WD/A UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4323	24.06.2025	CRude tank NO -18 INSIDE DYKE	WD/A down steam	Flange	0.0	1	100	0.000000	8760	0.000000
4324	24.06.2025	CRude tank NO -18 INSIDE DYKE	WD/B UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4325	24.06.2025	CRude tank NO -18 INSIDE DYKE	WD/B down steam	Flange	0.0	1	100	0.000000	8760	0.000000
4326	24.06.2025	CRude tank NO -18 INSIDE DYKE	WD/C UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4327	24.06.2025	CRude tank NO -18 INSIDE DYKE	WD/C down steam	Flange	0.0	1	100	0.000000	8760	0.000000
4328	24.06.2025	CRude tank NO -18 INSIDE DYKE	WD/D UP STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
4329	24.06.2025	CRude tank NO -18 INSIDE DYKE	WD/D down steam	Flange	0.0	1	100	0.000000	8760	0.000000
4330	24.06.2025	CRude tank NO -18 INSIDE DYKE	CLEAN OUT DOOR	Flange	0.0	1	100	0.000000	8760	0.000000
4331	24.06.2025	CRude tank NO -18 INSIDE DYKE	JET MIXTURE MOV 0157	Flange	0.0	1	100	0.000000	8760	0.000000
4332	24.06.2025	CRude tank NO -18 INSIDE DYKE	JET MIXTURE MOV	Flange	0.1	1	100	0.000001	8760	0.008002
4333	24.06.2025	CRude tank NO -18 INSIDE DYKE	INLET XZV UP STEAM 5035	Flange	0.0	1	100	0.000000	8760	0.000000
4334	24.06.2025	CRude tank NO -18 INSIDE DYKE	INLET XZV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4335	24.06.2025	OUTSIDE DYKE	INLET MOV 0155	Flange	0.0	1	100	0.000000	8760	0.000000
4336	24.06.2025	OUTSIDE DYKE	INLET MOV 0154	Flange	0.1	1	100	0.000001	8760	0.008002
4337	24.06.2025	OUTSIDE DYKE	HEEL STRIPPING HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4338	24.06.2025	OUTSIDE DYKE	HEEL STRIPPING HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4339	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM 0161	Flange	0.0	1	100	0.000000	8760	0.000000
4340	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
4341	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM 0160	Flange	0.0	1	100	0.000000	8760	0.000000

4342	24.06.2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4343	24.06.2025	OUTSIDE DYKE	ITT SUCTION MOV UP STEAM 0158	Flange	0.2	1	100	0.000001	8760	0.013027
4344	24.06.2025	OUTSIDE DYKE	ITT SUCTION MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4345	24.06.2025	OUTSIDE DYKE	ITT DISCHARGE MOV UP STEAM 0156	Flange	0.0	1	100	0.000000	8760	0.000000
4346	24.06.2025	OUTSIDE DYKE	ITT DISCHARGE MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4347	24.06.2025	END FLANGES	CRUDE OUTLET LAST	Flange	0.0	1	100	0.000000	8760	0.000000
4348	24.06.2025	END FLANGES	CRUDE RECEIPT HEADER LAST	Flange	0.1	1	100	0.000001	8760	0.008002
4349	24.06.2025	END FLANGES	ITT PUMP SUCTION HEADER LAST	Flange	0.0	1	100	0.000000	8760	0.000000
4350	24.06.2025	END FLANGES	PUMP SUCTION-1 LAST	Flange	0.1	1	100	0.000001	8760	0.008002
4351	24.06.2025	END FLANGES	PUMP SUCTION-2 LAST	Flange	0.0	1	100	0.000000	8760	0.000000
4352	24.06.2025	END FLANGES	ITT DISCHARGE LAST	Flange	0.0	1	100	0.000000	8760	0.000000
4353	24.06.2025	CRude tank NO -17 Tank Top	RIM SEAL EAST	Flange	1.2	1	100	0.000005	8760	0.045906
4354	24.06.2025	CRude tank NO -17 Tank Top	RIM SEAL WEST	Flange	3.0	1	100	0.000010	8760	0.087422
4355	24.06.2025	CRude tank NO -17 Tank Top	RIM SEAL NORTH	Flange	2.7	1	100	0.000009	8760	0.081181
4356	24.06.2025	CRude tank NO -17 Tank Top	RIM SEAL SOUTH	Flange	1.1	1	100	0.000005	8760	0.043182
4357	24.06.2025	CRude tank NO -17 Tank Top	DIPHATCH	Flange	1.7	1	100	0.000007	8760	0.058642

REPORT ON

LDAR MONITORING AT
INDIAN OIL ADANI VENTURES LIMITED
SOJ IOCL PARADIP
JUNE' 2025

SUBMITTED TO

IndianOil Adani Ventures Limited

(Formerly Indian Oiltanking Limited)

Paradip BOOT TRM 80005, IndianOil Adani Ventures, BOOT-3 Terminal, IOCL Refinery, Jagatsingpur, Paradip, Odisha PIN-754141

SUBMITTETED BY:

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per pro SGS India Private Ltd.



Authorized Signatory

1 Introduction

SGS India Private Limited has been contracted to conduct LDAR monitoring at BOOT # 3 & SOJ of IOCL Paradip for 2021-2022 period. Accordingly the measurement of the identified fugitive emission sources within the study area to detect leaking components as per USEPA 21 Guideline were conducted during November-December 2021. Although the leak definition as per CPCB guideline is 3000 ppmv and 5000 ppmv, M/s IOT wanted SGS to report any source emission above 300 ppmv.

1.1 About Industry

Indian Oil Adani Ventures Limited (formally known as Indian Oil tanking) jointly owned by Indian Oil Corporation and APSEZ provides Infrastructure-led terminalling services to Petroleum, Petrochemical and Chemical companies in India since 1996. Over the past 22 years, the company has evolved into an integrated services provider with niche capabilities in Engineering, Build Capabilities, Operations and Maintenance (O&M) of Storage Terminals. Currently, we operate six terminals in India through various business models including BOO/BOOT (Build, Own, Operate/Transfer) and O&M.

The company brought the concept of independent terminalling in India for Petroleum products, wherein the operator does not own the product and provides services to users on a common user basis. It has pioneered the concepts of 'Build & Own' (BO), 'Build Own Operate' (BOO), BOO & Transfer (BOOT), Operations & Maintenance of third party terminals in India.

The company has also set up a first-of-its kind crude oil and petroleum product storage BOOT project inside Indian Oil Corporation's refinery at Paradip on India's East Coast, wherein the entire offsite storage of crude and finished products has been built.

PARADIP TERMINAL FACTS

Tank Capacity 1,513,968 cbm

Tanks 51

Tank Types Mild steel, pressure vessel steel

Access Types **-** Vessels, Tank Trucks, Pipeline, Berth

No. of Berths **-** 1

Products **-** Clean Petroleum Products, Crude Oil, Gases

Services **-** Pipeline connections to refineries, Tank-to-tank transfer, Vessel loading and unloading, Truck loading, Blending services, Homogenizing

2 Sampling Schedule & Report Number.

KE25-001186.001 From 21.06.2025 to 23.06.2025

3 Objective

The objective of the studies to Identifying potential fugitive emission sources and quantification of the fugitive emission during oil production in terminals.

A typical industry can emit tons per year of VOCs from leaking equipment, such as valves, connectors, pumps, sampling connections, compressors, pressure relief devices and open-ended lines etc. Process components covering all joints as mentioned above are monitored under "fugitive emission monitoring" program covering all the components in Boot # 3 & SOJ.

4 Present study

a) Carry out onsite detection through physical scanning for leaks and vented emissions (if any) in the operating assets using portable analyzer according USEPA Method 21 (sniffing method).

b) Monitoring and measurement of the identified fugitive emission sources within the study area and tagging the detected leaking components.

c) The outcome of the study shall focus on the details the programme undertaken, methodology, findings, monitored fugitive emissions rates, conclusion and recommendations for improvement.

5 Scope of Work

- Fugitive emission monitoring at IOCL Paradip (Boot # 3 & SOJ) terminal.
- Monitoring and measurement of the identified fugitive emission sources (supplied by IOT) within the study area and tagging the detected leaking components as per USEPA method 21.

About LDAR:

Leak Detection and Repair (LDAR) is a program implemented to comply with environmental regulations for reducing the fugitive emissions of targeted chemicals into the environment. Several standards such as *Maximum Achievable Control Technology* (MACT) standards, *New Source Performance Standards* (NSPS), *National Emissions Standards for Hazardous Air Pollutants* (NESHAP) and Central Pollution Control Board (CPCB) require the monitoring and reporting of these fugitive emissions from process equipment.

Process components covering Boot # 3 and SOJ were monitored as LDAR and covered all the components in the process plant. The environmental regulations are prescribed LDAR programs as a means of reducing emissions have very specific standards and applied to a monitoring and repair program. The LDAR study included the following protocols:

- **Types of components (pumps, valves, connectors, Flanges etc.) to be monitored** – All the sources assumed to be leaking source are monitored as per the USEPA Method 21 Protocol.
- **Measured concentration in PPM that indicates a leak** – Emission source is measured at PPM (parts per million) level.
- **Frequency of monitoring** – As per EPA act 1986 page 409, Fugitive emission monitoring program is undertaken every year (including Heat Exchangers and Pump seal as a part of Quarterly Monitoring).
- Method of monitoring
- **Actions to be taken if a leak is discovered** – A leak source above the limit as per EPA act should be reported and repaired immediately and the sources emitting the leak under the limit should be reported and an appropriate action should be undertaken.

- **Length of time in which an initial attempt to repair the leak must be performed** – Depending upon the nature of leak source, a leak source above the limits as per EPA guidelines should be reported and repaired immediately.
- **Actions that must be taken if a leak cannot be repaired within guidelines** – A proper action should be undertaken as a leaking source contributes in air pollution.
- **Record-keeping and reporting requirements** – A proper record should be maintained so that the leak source can be monitored again to see discrepancies if any.

Affected Sources: Each pump, compressor, pressure relief device, sampling connection system, open-ended valve or line, flange and connector that contains or contacts a fluid or gas, that is exceeding more than 5000ppm of pump and compressor seals and 3000 ppm other components is an affected source.

Equipment Leak: A leak is defined as greater than or equal to 3,000 & 5000 ppmv as methane, for organic compounds, as determined by EPA Reference Method 21. Most of the emissions are from valves and connectors because these are most prevalent components and can number in the thousands. The major cause of emissions from valves and connectors is seal or gasket failure due to normal wear or improper maintenance. More than 90% of emissions from the leaking equipment with valves are being the most significant source. The open-ended lines and sampling connections account for as much as 5 – 10% of total VOC emissions from equipment leaks.

Minimum Requirements for an Acceptable Organic LDAR Program:

- Each affected source is screened initially using USEPA Method 21.
- Monthly visual inspections must be performed by industry on each affected source for signs of leakage (e.g. dripping liquid, spraying, misting, clouding, ice formation, distinctive odors, etc.).
- Monitoring of each affected source is to be conducting quarterly using Method 21.

All potential leak points associated with a component must be identified and screened for leaks. The detected leaks by Method 21 test was tagged and repaired. The leak sources are measured after repair and the same is recorded.

6 Methodology of the study:

USEPA Method – 21 was followed to monitor source emissions at IOT/IOCL Paradip.

6.1 Individual Source Surveys.

Leak Definition Based on Concentration. Place the probe inlet at the surface of the component interface where leakage could occur. Move the probe along the interface periphery while

observing the instrument readout. If an increased meter reading is observed, slowly sample the interface where leakage is indicated until the maximum meter reading is obtained. Leave the probe inlet at this maximum reading location for approximately two times the instrument response time. If the maximum observed meter reading is greater than the leak definition in the applicable regulation, record and report the results as specified in the regulation reporting requirements. Examples of the application of this general technique to specific equipment types are:

- Valves - The most common source of leaks from valves is the seal between the stem and housing. Place the probe at the interface where the stem exits the packing gland and sample the stem circumference. Also, place the probe at the interface of the packing gland take-up flange seat and sample the periphery. In addition, survey valve housings of multipart assembly at the surface of all interfaces where a leak could occur.

- Flanges and Other Connections - For welded flanges, place the probe at the outer edge of the flange-gasket interface and sample the circumference of the flange. Sample other types of nonpermanent joints (such as threaded connections) with a similar traverse.

- Pumps and Compressors - Conduct a circumferential traverse at the outer surface of the pump or compressor shaft and seal interface. If the source is a rotating shaft, position the probe inlet within 1 cm of the shaft-seal interface for the survey. If the housing configuration prevents a complete traverse of the shaft periphery, sample all accessible portions. Sample all other joints on the pump or compressor housing where leakage could occur.

- Pressure Relief Devices - The configuration of most pressure relief devices prevents sampling at the sealing seat interface. For those devices equipped with an enclosed extension, or horn, place the probe inlet at approximately the center of the exhaust area to the atmosphere.

- Process Drains - For open drains, place the probe inlet at approximately the center of the area open to the atmosphere. For covered drains, place the probe at the surface of the cover interface and conduct a peripheral traverse.

- Access door seals. Place the probe inlet at the surface of the door seal interface and conduct a peripheral traverse.

Calculation:

(Reference – EPA 1995 Protocol for Equipment Leak Emission Estimation Table 2-10)

Component Type	Default Zero Factor [Kg/hr]	Correlation Equation [Kg/hr]
Valves	[7.8E-06]	[2.29E-06(SV)^0.746]
Pump Seals	[1.9E-05]	[5.03E-05(SV)^0.610]
Others	[4.0E-06]	[1.36E-05(SV)^0.589]
Connectors	[7.5E-06]	[1.53E-06(SV)^0.735]
Flanges	[3.1E-07]	[4.61E-06(SV)^0.703]
Open-ended Lines	[2.0E-06]	[2.20E-06(SV)^0.704]

The default zero factors apply only when the screening value(SV) corrected for background equals 0 ppmv.

The correlation equations apply for actual screening values, corrected for background.

The “other” component type includes instruments, loading arms, pressure relief valves, vents, compressors, dump lever arms, diaphragms, drains, hatches, meters and polished rods stuffing boxes. This “other” component type should be applied for any component type other than connectors, flanges, open-ended lines, pumps or valves.

For example,

Reference USEPA-Method-21)

The screening value (SV) concentration in Valves is 2600 ppm

= RF (% of VOC Flow/100) *0.0000023*SV^0.746

RF = Response Factor = 1

Response Factors of Different Volatiles (USEPA Method-21):	
Gasoline Vapors	1.05
Naphtha	1.0
Heavy Oil	1.1
Petrol & Diesel	0.8
Gasoline Vapors 2	0.7
Light Oil	1.0

% of VOC Flow = material passing on that particular pipe line.

0.00000227 = Correlation factor

SV = Screening Value in ppm

If we will apply all the values in the below formula

= RF (% of VOC Flow/100) *0.0000023*SV^0.746

= 1 (100/100) *0.0000023*2600^0.746

= 0.001135 kg/hr

Total hours of operation per year are 8760 (24 hours x 365 days)

The volatile emission = 9.940567 Kgs/year.

SUMMARY OF THE STUDY

SGS has monitored more than One thousand eight hundred ninety three points in study area selected by IOT at IOCL Paradip SOJ area and more than one thousand points at the Berth at Paradip Port.

TEST RESULTS

SUMMARY SHEET OF TVOC EMISSION MEASUREMENT			
UNIT	**NO. OF POINT MEASURE**	**TOTAL VOC EMISSION IN kg/Hr.**	**TOTAL VOC EMISSION IN kg/Year**
Boot # 3	**4357**	**0.004866**	**42.625156**
SOJ	**1893**	**0.000610**	**5.345115**
TOTAL POINTS	**6250**	**0.005476**	**47.970271**

CONCLUSION:

The results are submitted component wise in the enclosed Annexure-1 As per CPCB guidelines no components detected with more than the standard values of 3000ppmv and 5000ppmv. Hence no recommendations are given for repairing of any leakage sources. However M/s IOT wanted SGS to report any source emission above 300 ppmv and accordingly SGS has tagged and reported for the points with emission of 300 ppmv and above.

Based on the calculation and concentrations of VOC in the equipment, we took default value 1 & 0.8 for Response Factor (RF) as per the product in the lines.

ANNEXURE – 1

TEST RESULT - SOJ (Page No 1 to 25)

LDAR points SOJ

S.NO	Date	Unit	Component ID & Location	Type	SCREEING VALUE OF VOC (ppm)	RF	% of VOC FLOW	Kg/Hrs.	HOURS OF OPERATION	Kg/Year
1	21.06.2025	Jetty - Pig Reciver Area Naptha	Battery Limit XZV Up Stream	Flange	0.0	1	100	0.000000	8760	0
2	21.06.2025	Jetty - Pig Reciver Area Naptha	Battery Limit XZV Down Strem	Flange	0.0	1	100	0.000000	8760	0
3	21.06.2025	Jetty - Pig Reciver Area Naptha	Isolation MOV - 2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
4	21.06.2025	Jetty - Pig Reciver Area Naptha	PIG Barrel	Flange	0.1	1	100	0.000001	8760	0.0080021
5	21.06.2025	Jetty - Pig Reciver Area Naptha	Kicker Line	Flange	0.0	1	100	0.000000	8760	0
6	21.06.2025	Jetty - Pig Reciver Area Naptha	Kicker Line Drain HOV Up Stream	Flange	0.0	1	100	0.000000	8760	0
7	21.06.2025	Jetty - Pig Reciver Area Naptha	Kicker Line Drain HOV Down Stream	Flange	0.0	1	100	0.000000	8760	0
8	21.06.2025	Jetty - Pig Reciver Area Naptha	Kicker Line HPV	Flange	0.0	1	100	0.000000	8760	0
9	21.06.2025	Jetty - Pig Reciver Area Naptha	PIG Barrel Drain HOV -1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
10	21.06.2025	Jetty - Pig Reciver Area Naptha	PIG Barrel Drain HOV -1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
11	21.06.2025	Jetty - Pig Reciver Area Naptha	PIG Barrel Drain HOV -2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
12	21.06.2025	Jetty - Pig Reciver Area Naptha	PIG Barrel Drain HOV -2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
13	21.06.2025	Jetty - Pig Reciver Area Naptha	PIG Barrel PG Up Stream	Flange	0.0	1	100	0.000000	8760	0
14	21.06.2025	Jetty - Pig Reciver Area Naptha	PIG Barrel PG Down Stream	Flange	0.0	1	100	0.000000	8760	0
15	21.06.2025	Jetty - Pig Reciver Area Naptha	PIG Barrel PSV HOV - 1 Up Stream	Flange	0.3	1	100	0.000002	8760	0.0173229
16	21.06.2025	Jetty - Pig Reciver Area Naptha	PIG Barrel PSV HOV - 1 Down Stream	Flange	0.4	1	100	0.000002	8760	0.0212057
17	21.06.2025	Jetty - Pig Reciver Area Naptha	PIG Barrel PSV HOV - 2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
18	21.06.2025	Jetty - Pig Reciver Area Naptha	PIG Barrel PSV HOV - 2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
19	21.06.2025	Jetty - Pig Reciver Area Naptha	PIG Barrel Venting Line HOV Up Stream	Flange	0.0	1	100	0.000000	8760	0
20	21.06.2025	Jetty - Pig Reciver Area Naptha	PIG Barrel Venting Line HOV Down Stream	Flange	0.0	1	100	0.000000	8760	0
21	21.06.2025	Jetty - Pig Reciver Area Naptha	PIG Barrel Venting Line HPV	Flange	0.0	1	100	0.000000	8760	0
22	21.06.2025	Jetty - Pig Reciver Area Naptha	Nitrogen Pushing Point Up Stream	Flange	0.0	1	100	0.000000	8760	0
23	21.06.2025	Jetty - Pig Reciver Area Naptha	Nitrogen Pushing Point Down Stream	Flange	0.0	1	100	0.000000	8760	0
24	21.06.2025	Jetty - Pig Reciver Area Naptha	Main Line PSV	Flange	0.0	1	100	0.000000	8760	0
25	21.06.2025	Jetty - Pig Reciver Area Naptha	Main Line PSV HOV - 1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
26	21.06.2025	Jetty - Pig Reciver Area Naptha	Main Line PSV HOV - 1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
27	21.06.2025	Jetty - Pig Reciver Area Naptha	Main Line PSV HOV - 2 Up Stream	Flange	0.4	1	100	0.000002	8760	0.0212057
28	21.06.2025	Jetty - Pig Reciver Area Naptha	Main Line PSV HOV - 2 Down Stream	Flange	0.9	1	100	0.000004	8760	0.0375005
29	21.06.2025	Jetty - Pig Reciver Area Naptha	PIG Barrel to Kicker Line HOV - 1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
30	21.06.2025	Jetty - Pig Reciver Area Naptha	PIG Barrel to Kicker Line HOV - 1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
31	21.06.2025	Jetty - Pig Reciver Area Naptha	PIG Barrel to Kicker Line HOV - 2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
32	21.06.2025	Jetty - Pig Reciver Area Naptha	PIG Barrel to Kicker Line HOV - 2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
33	21.06.2025	Jetty - Pig Reciver Area Naptha	PIG Barrel to Kicker Line LPD	Flange	0.0	1	100	0.000000	8760	0
34	21.06.2025	Jetty - Pig Reciver Area Naptha	PIG Barrel to Kicker Line Vent Point Up Stream	Flange	0.0	1	100	0.000000	8760	0
35	21.06.2025	Jetty - Pig Reciver Area Naptha	PIG Barrel to Kicker Line Vent Point Down Stream	Flange	0.0	1	100	0.000000	8760	0
36	21.06.2025	Jetty - Pig Reciver Area Naptha	Isolation MOV & Pressure Balancing LineHOV -1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
37	21.06.2025	Jetty - Pig Reciver Area Naptha	Isolation MOV & Pressure Balancing LineHOV -1 Down Stream	Flange	0.0	1	100	0.000000	8760	0

38	21.06.2025	Jetty - Pig Reciver Area Naptha	Isolation MOV & Pressure Balancing LineHOV -2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
39	21.06.2025	Jetty - Pig Reciver Area Naptha	Isolation MOV & Pressure Balancing LineHOV -2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
40	21.06.2025	Jetty - Pig Reciver Area Naptha	Isolation MOV - Pressure Balancing Line HPV UP Stream	Flange	0.1	1	100	0.000001	8760	0.0080021
41	21.06.2025	Jetty - Pig Reciver Area Naptha	Isolation MOV - Pressure Balancing Line HPV Down Stream	Flange	0.0	1	100	0.000000	8760	0
42	21.06.2025	Jetty - Pig Reciver Area Naptha	Isolation MOV - Pressure Balancing Line LPD	Flange	0.2	1	100	0.000001	8760	0.0130265
43	21.06.2025	Jetty - Pig Reciver Area Naptha	Battery Limit Main Line PG HOV	Flange	0.0	1	100	0.000000	8760	0
44	21.06.2025	Jetty - Pig Reciver Area Naptha	PIG Indigator -1	Flange	0.0	1	100	0.000000	8760	0
45	21.06.2025	Jetty - Pig Reciver Area Naptha	PIG Indigator -2	Flange	0.0	1	100	0.000000	8760	0
46	21.06.2025	Jetty - Pig Reciver Area Naptha	CBD Line End Flange Up Stream	Flange	0.0	1	100	0.000000	8760	0
47	21.06.2025	Jetty - Pig Reciver Area Naptha	CBD Line NRV UpStream	Flange	0.0	1	100	0.000000	8760	0
48	21.06.2025	Jetty - Pig Reciver Area Naptha	CBD Line NRV Down stream	Flange	0.0	1	100	0.000000	8760	0
49	21.06.2025	Jetty - Pig Reciver Area MS-R	Battery Limit XZV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
50	21.06.2025	Jetty - Pig Reciver Area MS-R	Battery Limit XZV Down Strem	Flange	0.1	0.8	100	0.000001	8760	0.0064017
51	21.06.2025	Jetty - Pig Reciver Area MS-R	Isolation MOV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
52	21.06.2025	Jetty - Pig Reciver Area MS-R	PIG Barrel	Flange	0.0	0.8	100	0.000000	8760	0
53	21.06.2025	Jetty - Pig Reciver Area MS-R	Kicker Line	Flange	0.0	0.8	100	0.000000	8760	0
54	21.06.2025	Jetty - Pig Reciver Area MS-R	Kicker Line Drain HOV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
55	21.06.2025	Jetty - Pig Reciver Area MS-R	Kicker Line Drain HOV Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
56	21.06.2025	Jetty - Pig Reciver Area MS-R	Kicker Line HPV	Flange	0.0	0.8	100	0.000000	8760	0
57	21.06.2025	Jetty - Pig Reciver Area MS-R	PIG Barrel Drain HOV -1 Up Stream	Flange	0.2	0.8	100	0.000001	8760	0.0104212
58	21.06.2025	Jetty - Pig Reciver Area MS-R	PIG Barrel Drain HOV -1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
59	21.06.2025	Jetty - Pig Reciver Area MS-R	PIG Barrel Drain HOV -2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
60	21.06.2025	Jetty - Pig Reciver Area MS-R	PIG Barrel Drain HOV -2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
61	21.06.2025	Jetty - Pig Reciver Area MS-R	PIG Barrel PG Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
62	21.06.2025	Jetty - Pig Reciver Area MS-R	PIG Barrel PG Down Stream	Flange	0.2	0.8	100	0.000001	8760	0.0104212
63	21.06.2025	Jetty - Pig Reciver Area MS-R	PIG Barrel PSV HOV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
64	21.06.2025	Jetty - Pig Reciver Area MS-R	PIG Barrel PSV HOV - 1 Down Stream	Flange	0.1	0.8	100	0.000001	8760	0.0064017
65	21.06.2025	Jetty - Pig Reciver Area MS-R	PIG Barrel PSV HOV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
66	21.06.2025	Jetty - Pig Reciver Area MS-R	PIG Barrel PSV HOV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
67	21.06.2025	Jetty - Pig Reciver Area MS-R	PIG Barrel Venting Line HOV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
68	21.06.2025	Jetty - Pig Reciver Area MS-R	PIG Barrel Venting Line HOV Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
69	21.06.2025	Jetty - Pig Reciver Area MS-R	PIG Barrel Venting Line HPV	Flange	0.0	0.8	100	0.000000	8760	0
70	21.06.2025	Jetty - Pig Reciver Area MS-R	Nitrogen Pushing Point Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
71	21.06.2025	Jetty - Pig Reciver Area MS-R	Nitrogen Pushing Point Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
72	21.06.2025	Jetty - Pig Reciver Area MS-R	Main Line PSV	Flange	0.0	0.8	100	0.000000	8760	0
73	21.06.2025	Jetty - Pig Reciver Area MS-R	Main Line PSV HOV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
74	21.06.2025	Jetty - Pig Reciver Area MS-R	Main Line PSV HOV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
75	21.06.2025	Jetty - Pig Reciver Area MS-R	Main Line PSV HOV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
76	21.06.2025	Jetty - Pig Reciver Area MS-R	Main Line PSV HOV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
77	21.06.2025	Jetty - Pig Reciver Area MS-R	PIG Barrel to Kicker Line HOV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0

78	21.06.2025	Jetty - Pig Reciver Area MS-R	PIG Barrel to Kicker Line HOV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
79	21.06.2025	Jetty - Pig Reciver Area MS-R	PIG Barrel to Kicker Line LPD	Flange	0.0	0.8	100	0.000000	8760	0
80	21.06.2025	Jetty - Pig Reciver Area MS-R	PIG Barrel to Kicker Line Vent Point Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
81	21.06.2025	Jetty - Pig Reciver Area MS-R	PIG Barrel to Kicker Line Vent Point Down Stream	Flange	0.9	0.8	100	0.000003	8760	0.0300004
82	21.06.2025	Jetty - Pig Reciver Area MS-R	Isolation MOV & Pressure Balancing LineHOV -1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
83	21.06.2025	Jetty - Pig Reciver Area MS-R	Isolation MOV & Pressure Balancing LineHOV -1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
84	21.06.2025	Jetty - Pig Reciver Area MS-R	Isolation MOV & Pressure Balancing LineHOV -2Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
85	21.06.2025	Jetty - Pig Reciver Area MS-R	Isolation MOV & Pressure Balancing LineHOV -2Down Stream	Flange	0.4	0.8	100	0.000002	8760	0.0169646
86	21.06.2025	Jetty - Pig Reciver Area MS-R	Isolation MOV - Pressure Balancing Line HPV UP Stream	Flange	0.0	0.8	100	0.000000	8760	0
87	21.06.2025	Jetty - Pig Reciver Area MS-R	Isolation MOV - Pressure Balancing Line HPV Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
88	21.06.2025	Jetty - Pig Reciver Area MS-R	Isolation MOV - Pressure Balancing Line LPD	Flange	0.0	0.8	100	0.000000	8760	0
89	21.06.2025	Jetty - Pig Reciver Area MS-R	Battery Limit Main Line PG HOV	Flange	0.1	0.8	100	0.000001	8760	0.0064017
90	21.06.2025	Jetty - Pig Reciver Area MS-R	PIG Indigator -1	Flange	0.0	0.8	100	0.000000	8760	0
91	21.06.2025	Jetty - Pig Reciver Area MS-R	PIG Indigator -2	Flange	0.2	0.8	100	0.000001	8760	0.0104212
92	21.06.2025	Jetty - Pig Reciver Area MS-R	CBD Line End Flange Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
93	21.06.2025	Jetty - Pig Reciver Area MS-R	CBD Line NRV UpStream	Flange	0.0	0.8	100	0.000000	8760	0
94	21.06.2025	Jetty - Pig Reciver Area MS-R	CBD Line NRV Down stream	Flange	0.0	0.8	100	0.000000	8760	0
95	21.06.2025	Jetty - Pig Reciver Area MS-P	Battery Limit XZV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
96	21.06.2025	Jetty - Pig Reciver Area MS-P	Battery Limit XZV Down Strem	Flange	0.0	0.8	100	0.000000	8760	0
97	21.06.2025	Jetty - Pig Reciver Area MS-P	Isolation MOV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
98	21.06.2025	Jetty - Pig Reciver Area MS-P	PIG Barrel	Flange	0.0	0.8	100	0.000000	8760	0
99	21.06.2025	Jetty - Pig Reciver Area MS-P	Kicker Line	Flange	0.0	0.8	100	0.000000	8760	0
100	21.06.2025	Jetty - Pig Reciver Area MS-P	Kicker Line Drain HOV Up Stream	Flange	0.1	0.8	100	0.000001	8760	0.0064017
101	21.06.2025	Jetty - Pig Reciver Area MS-P	Kicker Line Drain HOV Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
102	21.06.2025	Jetty - Pig Reciver Area MS-P	Kicker Line HPV	Flange	0.0	0.8	100	0.000000	8760	0
103	21.06.2025	Jetty - Pig Reciver Area MS-P	PIG Barrel Drain HOV -1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
104	21.06.2025	Jetty - Pig Reciver Area MS-P	PIG Barrel Drain HOV -1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
105	21.06.2025	Jetty - Pig Reciver Area MS-P	PIG Barrel Drain HOV -2 Up Stream	Flange	0.2	0.8	100	0.000001	8760	0.0104212
106	21.06.2025	Jetty - Pig Reciver Area MS-P	PIG Barrel Drain HOV -2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
107	21.06.2025	Jetty - Pig Reciver Area MS-P	PIG Barrel PG Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
108	21.06.2025	Jetty - Pig Reciver Area MS-P	PIG Barrel PG Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
109	21.06.2025	Jetty - Pig Reciver Area MS-P	PIG Barrel PSV HOV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
110	21.06.2025	Jetty - Pig Reciver Area MS-P	PIG Barrel PSV HOV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
111	21.06.2025	Jetty - Pig Reciver Area MS-P	PIG Barrel PSV HOV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
112	21.06.2025	Jetty - Pig Reciver Area MS-P	PIG Barrel PSV HOV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
113	21.06.2025	Jetty - Pig Reciver Area MS-P	PIG Barrel Venting Line HOV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
114	21.06.2025	Jetty - Pig Reciver Area MS-P	PIG Barrel Venting Line HOV Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
115	21.06.2025	Jetty - Pig Reciver Area MS-P	PIG Barrel Venting Line HPV	Flange	0.0	0.8	100	0.000000	8760	0
116	21.06.2025	Jetty - Pig Reciver Area MS-P	Nitrogen Pushing Point Up Stream	Flange	0.0	0.8	100	0.000000	8760	0

117	21.06.2025	Jetty - Pig Reciver Area MS-P	Nitrogen Pushing Point Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
118	21.06.2025	Jetty - Pig Reciver Area MS-P	Main Line PSV	Flange	0.0	0.8	100	0.000000	8760	0
119	21.06.2025	Jetty - Pig Reciver Area MS-P	Main Line PSV HOV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
120	21.06.2025	Jetty - Pig Reciver Area MS-P	Main Line PSV HOV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
121	21.06.2025	Jetty - Pig Reciver Area MS-P	Main Line PSV HOV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
122	21.06.2025	Jetty - Pig Reciver Area MS-P	Main Line PSV HOV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
123	21.06.2025	Jetty - Pig Reciver Area MS-P	PIG Barrel to Kicker Line HOV - 1 Up Stream	Flange	0.4	0.8	100	0.000002	8760	0.0169646
124	21.06.2025	Jetty - Pig Reciver Area MS-P	PIG Barrel to Kicker Line HOV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
125	21.06.2025	Jetty - Pig Reciver Area MS-P	PIG Barrel to Kicker Line HOV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
126	21.06.2025	Jetty - Pig Reciver Area MS-P	PIG Barrel to Kicker Line HOV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
127	21.06.2025	Jetty - Pig Reciver Area MS-P	PIG Barrel to Kicker Line LPD	Flange	0.0	0.8	100	0.000000	8760	0
128	21.06.2025	Jetty - Pig Reciver Area MS-P	PIG Barrel to Kicker Line Vent Point Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
129	21.06.2025	Jetty - Pig Reciver Area MS-P	PIG Barrel to Kicker Line Vent Point Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
130	21.06.2025	Jetty - Pig Reciver Area MS-P	Isolation MOV & Pressure Balancing LineHOV -1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
131	21.06.2025	Jetty - Pig Reciver Area MS-P	Isolation MOV & Pressure Balancing LineHOV -1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
132	21.06.2025	Jetty - Pig Reciver Area MS-P	Isolation MOV & Pressure Balancing LineHOV -2Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
133	21.06.2025	Jetty - Pig Reciver Area MS-P	Isolation MOV & Pressure Balancing LineHOV -2Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
134	21.06.2025	Jetty - Pig Reciver Area MS-P	Isolation MOV - Pressure Balancing Line HPV UP Stream	Flange	0.0	0.8	100	0.000000	8760	0
135	21.06.2025	Jetty - Pig Reciver Area MS-P	Isolation MOV - Pressure Balancing Line HPV Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
136	21.06.2025	Jetty - Pig Reciver Area MS-P	Isolation MOV - Pressure Balancing Line LPD	Flange	0.0	0.8	100	0.000000	8760	0
137	21.06.2025	Jetty - Pig Reciver Area MS-P	Battery Limit Main Line PG HOV	Flange	0.0	0.8	100	0.000000	8760	0
138	21.06.2025	Jetty - Pig Reciver Area MS-P	PIG Indigator -1	Flange	0.0	0.8	100	0.000000	8760	0
139	21.06.2025	Jetty - Pig Reciver Area MS-P	PIG Indigator -2	Flange	0.0	0.8	100	0.000000	8760	0
140	21.06.2025	Jetty - Pig Reciver Area MS-P	CBD Line End Flange Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
141	21.06.2025	Jetty - Pig Reciver Area MS-P	CBD Line NRV UpStream	Flange	0.0	0.8	100	0.000000	8760	0
142	21.06.2025	Jetty - Pig Reciver Area MS-P	CBD Line NRV Down stream	Flange	0.0	0.8	100	0.000000	8760	0
143	21.06.2025	Jetty - Pig Reciver Area Propylene-(L)	Battery Limit XZV Up Stream	Flange	0.0	1	100	0.000000	8760	0
144	21.06.2025	Jetty - Pig Reciver Area Propylene-(L)	Battery Limit XZV Down Strem	Flange	0.0	1	100	0.000000	8760	0
145	21.06.2025	Jetty - Pig Reciver Area Propylene-(L)	Isolation MOV - 2 Up Stream	Flange	0.1	1	100	0.000001	8760	0.0080021
146	21.06.2025	Jetty - Pig Reciver Area Propylene-(L)	PIG Barrel	Flange	0.0	1	100	0.000000	8760	0
147	21.06.2025	Jetty - Pig Reciver Area Propylene-(L)	Kicker Line	Flange	0.0	1	100	0.000000	8760	0
148	21.06.2025	Jetty - Pig Reciver Area Propylene-(L)	Kicker Line Drain HOV Up Stream	Flange	0.0	1	100	0.000000	8760	0
149	21.06.2025	Jetty - Pig Reciver Area Propylene-(L)	Kicker Line Drain HOV Down Stream	Flange	0.0	1	100	0.000000	8760	0
150	21.06.2025	Jetty - Pig Reciver Area Propylene-(L)	Kicker Line HPV	Flange	0.2	1	100	0.000001	8760	0.0130265
151	21.06.2025	Jetty - Pig Reciver Area Propylene-(L)	PIG Barrel Drain HOV -1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
152	21.06.2025	Jetty - Pig Reciver Area Propylene-(L)	PIG Barrel Drain HOV -1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
153	21.06.2025	Jetty - Pig Reciver Area Propylene-(L)	PIG Barrel Drain HOV -2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
154	21.06.2025	Jetty - Pig Reciver Area Propylene-(L)	PIG Barrel Drain HOV -2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
155	21.06.2025	Jetty - Pig Reciver Area Propylene-(L)	PIG Barrel PG Up Stream	Flange	0.0	1	100	0.000000	8760	0

156	21.06.2025	Jetty - Pig Reciver Area Propylene-(L)	PIG Barrel PG Down Stream	Flange	0.0	1	100	0.000000	8760	0
157	21.06.2025	Jetty - Pig Reciver Area Propylene-(L)	PIG Barrel PSV HOV - 1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
158	21.06.2025	Jetty - Pig Reciver Area Propylene-(L)	PIG Barrel PSV HOV - 1 Down Stream	Flange	0.5	1	100	0.000003	8760	0.0248074
159	21.06.2025	Jetty - Pig Reciver Area Propylene-(L)	PIG Barrel PSV HOV - 2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
160	21.06.2025	Jetty - Pig Reciver Area Propylene-(L)	PIG Barrel PSV HOV - 2 Down Stream	Flange	0.1	1	100	0.000001	8760	0.0080021
161	21.06.2025	Jetty - Pig Reciver Area Propylene-(L)	PIG Barrel Venting Line HOV Up Stream	Flange	0.0	1	100	0.000000	8760	0
162	21.06.2025	Jetty - Pig Reciver Area Propylene-(L)	PIG Barrel Venting Line HOV Down Stream	Flange	0.0	1	100	0.000000	8760	0
163	21.06.2025	Jetty - Pig Reciver Area Propylene-(L)	PIG Barrel Venting Line HPV	Flange	0.0	1	100	0.000000	8760	0
164	21.06.2025	Jetty - Pig Reciver Area Propylene-(L)	Nitrogen Pushing Point Up Stream	Flange	0.0	1	100	0.000000	8760	0
165	21.06.2025	Jetty - Pig Reciver Area Propylene-(L)	Nitrogen Pushing Point Down Stream	Flange	0.0	1	100	0.000000	8760	0
166	21.06.2025	Jetty - Pig Reciver Area Propylene-(L)	Main Line PSV	Flange	0.0	1	100	0.000000	8760	0
167	21.06.2025	Jetty - Pig Reciver Area Propylene-(L)	Main Line PSV HOV - 1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
168	21.06.2025	Jetty - Pig Reciver Area Propylene-(L)	Main Line PSV HOV - 1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
169	21.06.2025	Jetty - Pig Reciver Area Propylene-(L)	Main Line PSV HOV - 2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
170	21.06.2025	Jetty - Pig Reciver Area Propylene-(L)	Main Line PSV HOV - 2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
171	21.06.2025	Jetty - Pig Reciver Area Propylene-(L)	PIG Barrel to Kicker Line HOV - 1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
172	21.06.2025	Jetty - Pig Reciver Area Propylene-(L)	PIG Barrel to Kicker Line HOV - 1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
173	21.06.2025	Jetty - Pig Reciver Area Propylene-(L)	PIG Barrel to Kicker Line HOV - 2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
174	21.06.2025	Jetty - Pig Reciver Area Propylene-(L)	PIG Barrel to Kicker Line HOV - 2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
175	21.06.2025	Jetty - Pig Reciver Area Propylene-(L)	PIG Barrel to Kicker Line LPD-1	Flange	0.0	1	100	0.000000	8760	0
176	21.06.2025	Jetty - Pig Reciver Area Propylene-(L)	PIG Barrel to Kicker Line LPD-2	Flange	0.0	1	100	0.000000	8760	0
177	21.06.2025	Jetty - Pig Reciver Area Propylene-(L)	PIG Barrel to Kicker Line Vent Point Up Stream	Flange	0.0	1	100	0.000000	8760	0
178	21.06.2025	Jetty - Pig Reciver Area Propylene-(L)	PIG Barrel to Kicker Line Vent Point Down Stream	Flange	0.0	1	100	0.000000	8760	0
179	21.06.2025	Jetty - Pig Reciver Area Propylene-(L)	Isolation MOV & Pressure Balancing LineHOV -1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
180	21.06.2025	Jetty - Pig Reciver Area Propylene-(L)	Isolation MOV & Pressure Balancing LineHOV -1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
181	21.06.2025	Jetty - Pig Reciver Area Propylene-(L)	Isolation MOV & Pressure Balancing LineHOV -2Up Stream	Flange	0.0	1	100	0.000000	8760	0
182	21.06.2025	Jetty - Pig Reciver Area Propylene-(L)	Isolation MOV & Pressure Balancing LineHOV -2Down Stream	Flange	0.0	1	100	0.000000	8760	0
183	21.06.2025	Jetty - Pig Reciver Area Propylene-(L)	Isolation MOV - Pressure Balancing Line HPV UP Stream	Flange	0.0	1	100	0.000000	8760	0
184	21.06.2025	Jetty - Pig Reciver Area Propylene-(L)	Isolation MOV - Pressure Balancing Line HPV Down Stream	Flange	0.0	1	100	0.000000	8760	0
185	21.06.2025	Jetty - Pig Reciver Area Propylene-(L)	Isolation MOV - Pressure Balancing Line LPD	Flange	0.0	1	100	0.000000	8760	0
186	21.06.2025	Jetty - Pig Reciver Area Propylene-(L)	Battery Limit Main Line PG HOV	Flange	0.1	1	100	0.000001	8760	0.0080021
187	21.06.2025	Jetty - Pig Reciver Area Propylene-(L)	PIG Indigator -1	Flange	0.0	1	100	0.000000	8760	0
188	21.06.2025	Jetty - Pig Reciver Area Propylene-(L)	PIG Indigator -2	Flange	0.0	1	100	0.000000	8760	0
189	23.06.2025	Jetty Top Area - Naptha	Jetty Top MOV Up Stream	Flange	0.0	1	100	0.000000	8760	0
190	23.06.2025	Jetty Top Area - Naptha	Jetty Top MOV Down Stream	Flange	0.0	1	100	0.000000	8760	0
191	23.06.2025	Jetty Top Area - Naptha	Jetty Top NRV Up Stream	Flange	0.0	1	100	0.000000	8760	0
192	23.06.2025	Jetty Top Area - Naptha	Jetty Top NRV Down Stream	Flange	0.0	1	100	0.000000	8760	0
193	23.06.2025	Jetty Top Area - Naptha	Jetty Top NRV Up Stream	Flange	0.0	1	100	0.000000	8760	0
194	23.06.2025	Jetty Top Area - Naptha	Jetty Top NRV Down Stream	Flange	0.0	1	100	0.000000	8760	0
195	23.06.2025	Jetty Top Area - Naptha	HPV Up Stream	Flange	0.0	1	100	0.000000	8760	0
196	23.06.2025	Jetty Top Area - Naptha	HPV Down Stream	Flange	0.0	1	100	0.000000	8760	0
197	23.06.2025	Jetty Top Area - Naptha	Heater End Flange	Flange	0.0	1	100	0.000000	8760	0
198	23.06.2025	Jetty Top Area - MS-R	Jetty Top MOV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
199	23.06.2025	Jetty Top Area - MS-R	Jetty Top MOV Down Stream	Flange	0.1	0.8	100	0.000001	8760	0.0064017
200	23.06.2025	Jetty Top Area - MS-R	Jetty Top NRV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
201	23.06.2025	Jetty Top Area - MS-R	Jetty Top NRV Down Stream	Flange	0.0	0.8	100	0.000000	8760	0

202	23.06.2025	Jetty Top Area - MS-R	Jetty Top NRV Up Stream	Flange	0.1	0.8	100	0.000001	8760	0.0064017
203	23.06.2025	Jetty Top Area - MS-R	Jetty Top NRV Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
204	23.06.2025	Jetty Top Area - MS-R	HPV Up Stream	Flange	0.1	0.8	100	0.000001	8760	0.0064017
205	23.06.2025	Jetty Top Area - MS-R	HPV Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
206	23.06.2025	Jetty Top Area - MS-R	Heater End Flange	Flange	0.2	0.8	100	0.000001	8760	0.0104212
207	23.06.2025	Jetty Top Area - MS-P	Jetty Top MOV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
208	23.06.2025	Jetty Top Area - MS-P	Jetty Top MOV Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
209	23.06.2025	Jetty Top Area - MS-P	Jetty Top NRV Up Stream	Flange	0.1	0.8	100	0.000001	8760	0.0064017
210	23.06.2025	Jetty Top Area - MS-P	Jetty Top NRV Down Stream	Flange	0.1	0.8	100	0.000001	8760	0.0064017
211	23.06.2025	Jetty Top Area - MS-P	Jetty Top NRV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
212	23.06.2025	Jetty Top Area - MS-P	Jetty Top NRV Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
213	23.06.2025	Jetty Top Area - MS-P	HPV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
214	23.06.2025	Jetty Top Area - MS-P	HPV Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
215	23.06.2025	Jetty Top Area - MS-P	Heater End Flange	Flange	0.0	0.8	100	0.000000	8760	0
216	23.06.2025	Jetty Top Area - MLA - 04 A	XZV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
217	23.06.2025	Jetty Top Area - MLA - 04 A	XZVDown Stream	Flange	0.1	0.8	100	0.000001	8760	0.0064017
218	23.06.2025	Jetty Top Area - MLA - 04 A	Riser Flanges Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
219	23.06.2025	Jetty Top Area - MLA - 04 A	Riser Flanges Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
220	23.06.2025	Jetty Top Area - MLA - 04 A	Swivel Joint Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
221	23.06.2025	Jetty Top Area - MLA - 04 A	Swivel Joint Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
222	23.06.2025	Jetty Top Area - MLA - 04 A	Swivel Joint Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
223	23.06.2025	Jetty Top Area - MLA - 04 A	Swivel Joint Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
224	23.06.2025	Jetty Top Area - MLA - 04 A	Swivel Joint Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
225	23.06.2025	Jetty Top Area - MLA - 04 A	Swivel Joint Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
226	23.06.2025	Jetty Top Area - MLA - 04 A	Swivel Joint Up Stream	Flange	0.2	0.8	100	0.000001	8760	0.0104212
227	23.06.2025	Jetty Top Area - MLA - 04 A	Swivel Joint Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
228	23.06.2025	Jetty Top Area - MLA - 04 A	ERC Doble Ball valve Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
229	23.06.2025	Jetty Top Area - MLA - 04 A	ERC Doble Ball valve Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
230	23.06.2025	Jetty Top Area - MLA - 04 A	MLA Drain Point	Flange	0.0	0.8	100	0.000000	8760	0
231	23.06.2025	Jetty Top Area - MLA - 04 A	MLA Drain Hov-1 UP Stream	Flange	0.1	0.8	100	0.000001	8760	0.0064017
232	23.06.2025	Jetty Top Area - MLA - 04 A	MLA Drain Hov-1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
233	23.06.2025	Jetty Top Area - MLA - 04 A	MLA Drain Hov-2 UP Stream	Flange	0.0	0.8	100	0.000000	8760	0
234	23.06.2025	Jetty Top Area - MLA - 04 A	MLA Drain Hov-2 Down Stream	Flange	0.1	0.8	100	0.000001	8760	0.0064017
235	23.06.2025	Jetty Top Area - MLA - 04 A	MLA Drain Hov-3 UP Stream	Flange	0.1	0.8	100	0.000001	8760	0.0064017
236	23.06.2025	Jetty Top Area - MLA - 04 A	MLA Drain Hov-3 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
237	23.06.2025	Jetty Top Area - MLA - 04 A	MLA Drain NRV	Flange	0.0	0.8	100	0.000000	8760	0
238	23.06.2025	Jetty Top Area - MLA - 04 A	Nitrogen Pushing Line HPV	Flange	0.0	0.8	100	0.000000	8760	0
239	23.06.2025	Jetty Top Area - MLA - 04 A	Nitrogen Pushing Line HOV Down Stream Flanges	Flange	0.0	0.8	100	0.000000	8760	0
240	23.06.2025	Jetty Top Area - MLA - 04 A	CBD Line End Flanges	Flange	0.0	0.8	100	0.000000	8760	0
241	23.06.2025	Jetty Top Area - MLA - 04 B	XZV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
242	23.06.2025	Jetty Top Area - MLA - 04 B	XZVDown Stream	Flange	0.0	0.8	100	0.000000	8760	0
243	23.06.2025	Jetty Top Area - MLA - 04 B	Riser Flanges Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
244	23.06.2025	Jetty Top Area - MLA - 04 B	Riser Flanges Down Stream	Flange	0.1	0.8	100	0.000001	8760	0.0064017
245	23.06.2025	Jetty Top Area - MLA - 04 B	Swivel Joint Up Stream	Flange	0.1	0.8	100	0.000001	8760	0.0064017
246	23.06.2025	Jetty Top Area - MLA - 04 B	Swivel Joint Down Stream	Flange	0.1	0.8	100	0.000001	8760	0.0064017
247	23.06.2025	Jetty Top Area - MLA - 04 B	Swivel Joint Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
248	23.06.2025	Jetty Top Area - MLA - 04 B	Swivel Joint Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
249	23.06.2025	Jetty Top Area - MLA - 04 B	Swivel Joint Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
250	23.06.2025	Jetty Top Area - MLA - 04 B	Swivel Joint Down Stream	Flange	0.0	0.8	100	0.000000	8760	0

251	23.06.2025	Jetty Top Area - MLA - 04 B	Swivel Joint Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
252	23.06.2025	Jetty Top Area - MLA - 04 B	Swivel Joint Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
253	23.06.2025	Jetty Top Area - MLA - 04 B	ERC Doble Ball valve Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
254	23.06.2025	Jetty Top Area - MLA - 04 B	ERC Doble Ball valve Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
255	23.06.2025	Jetty Top Area - MLA - 04 B	MLA Drain Point	Flange	0.0	0.8	100	0.000000	8760	0
256	23.06.2025	Jetty Top Area - MLA - 04 B	MLA Drain Hov-1 UP Stream	Flange	0.0	0.8	100	0.000000	8760	0
257	23.06.2025	Jetty Top Area - MLA - 04 B	MLA Drain Hov-1 Down Stream	Flange	0.2	0.8	100	0.000001	8760	0.0104212
258	23.06.2025	Jetty Top Area - MLA - 04 B	MLA Drain Hov-2 UP Stream	Flange	0.0	0.8	100	0.000000	8760	0
259	23.06.2025	Jetty Top Area - MLA - 04 B	MLA Drain Hov-2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
260	23.06.2025	Jetty Top Area - MLA - 04 B	MLA Drain Hov-3 UP Stream	Flange	0.0	0.8	100	0.000000	8760	0
261	23.06.2025	Jetty Top Area - MLA - 04 B	MLA Drain Hov-3 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
262	23.06.2025	Jetty Top Area - MLA - 04 B	MLA Drain NRV	Flange	0.0	0.8	100	0.000000	8760	0
263	23.06.2025	Jetty Top Area - MLA - 04 B	Nitrogen Pushing Line HPV	Flange	0.0	0.8	100	0.000000	8760	0
264	23.06.2025	Jetty Top Area - MLA - 04 B	Nitrogen Pushing Line HOV Down Stream Flanges	Flange	0.0	0.8	100	0.000000	8760	0
265	23.06.2025	Jetty Top Area - MLA - 04 B	CBD Line End Flanges	Flange	0.1	0.8	100	0.000001	8760	0.0064017
266	23.06.2025	Jetty Top Area - Propylene (L)	Jetty Top MOV Up Stream	Flange	0.0	1	100	0.000000	8760	0
267	23.06.2025	Jetty Top Area - Propylene (L)	Jetty Top MOV Down Stream	Flange	0.0	1	100	0.000000	8760	0
268	23.06.2025	Jetty Top Area - Propylene (L)	Jetty Top LPD UP Flange	Flange	0.1	1	100	0.000001	8760	0.0080021
269	23.06.2025	Jetty Top Area - Propylene (L)	Jetty Top LPD END Flange	Flange	0.0	1	100	0.000000	8760	0
270	23.06.2025	Jetty Top Area - MLA - 26	XZV Up Stream	Flange	0.0	1	100	0.000000	8760	0
271	23.06.2025	Jetty Top Area - MLA - 26	XZVDown Stream	Flange	0.0	1	100	0.000000	8760	0
272	23.06.2025	Jetty Top Area - MLA - 26	Riser Flanges Up Stream	Flange	0.0	1	100	0.000000	8760	0
273	23.06.2025	Jetty Top Area - MLA - 26	Riser Flanges Down Stream	Flange	0.0	1	100	0.000000	8760	0
274	23.06.2025	Jetty Top Area - MLA - 26	Swivel Joint Up Stream	Flange	0.1	1	100	0.000001	8760	0.0080021
275	23.06.2025	Jetty Top Area - MLA - 26	Swivel Joint Down Stream	Flange	0.0	1	100	0.000000	8760	0
276	23.06.2025	Jetty Top Area - MLA - 26	Swivel Joint Up Stream	Flange	0.0	1	100	0.000000	8760	0
277	23.06.2025	Jetty Top Area - MLA - 26	Swivel Joint Down Stream	Flange	0.0	1	100	0.000000	8760	0
278	23.06.2025	Jetty Top Area - MLA - 26	Swivel Joint Up Stream	Flange	0.0	1	100	0.000000	8760	0
279	23.06.2025	Jetty Top Area - MLA - 26	Swivel Joint Down Stream	Flange	0.0	1	100	0.000000	8760	0
280	23.06.2025	Jetty Top Area - MLA - 26	Swivel Joint Up Stream	Flange	0.0	1	100	0.000000	8760	0
281	23.06.2025	Jetty Top Area - MLA - 26	Swivel Joint Down Stream	Flange	0.0	1	100	0.000000	8760	0
282	23.06.2025	Jetty Top Area - MLA - 26	ERC Doble Ball valve Up Stream	Flange	0.0	1	100	0.000000	8760	0
283	23.06.2025	Jetty Top Area - MLA - 26	ERC Doble Ball valve Down Stream	Flange	0.0	1	100	0.000000	8760	0
284	23.06.2025	Jetty Top Area - MLA - 26	MLA Drain Hov-1 UP Stream	Flange	0.0	1	100	0.000000	8760	0
285	23.06.2025	Jetty Top Area - MLA - 26	MLA Drain Hov-1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
286	23.06.2025	Jetty Top Area - MLA - 26	MLA Drain Hov-2 UP Stream	Flange	0.0	1	100	0.000000	8760	0
287	23.06.2025	Jetty Top Area - MLA - 26	MLA Drain Hov-2 Down Stream	Flange	0.1	1	100	0.000001	8760	0.0080021
288	23.06.2025	Jetty Top Area - MLA - 26	MLA Drain Hov-3 UP Stream	Flange	0.0	1	100	0.000000	8760	0
289	23.06.2025	Jetty Top Area - MLA - 26	MLA Drain Hov-3 Down Stream	Flange	0.0	1	100	0.000000	8760	0
290	23.06.2025	Jetty Top Area - MLA - 26	MLA Drain Hov-4 UP Stream	Flange	0.0	1	100	0.000000	8760	0
291	23.06.2025	Jetty Top Area - MLA - 26	MLA Drain Hov-4 Down Stream	Flange	0.0	1	100	0.000000	8760	0
292	23.06.2025	Jetty Top Area - MLA - 26	MLA Drain Hov-5 UP Stream	Flange	0.0	1	100	0.000000	8760	0
293	23.06.2025	Jetty Top Area - MLA - 26	MLA Drain Hov-5 Down Stream	Flange	0.0	1	100	0.000000	8760	0
294	23.06.2025	Jetty Top Area - MLA - 26	Nitrogen Pushing Line HPV	Flange	0.0	1	100	0.000000	8760	0
295	23.06.2025	Jetty Top Area - MLA - 26	Nitrogen Pushing Line HOV Down Stream Flanges	Flange	0.0	1	100	0.000000	8760	0
296	23.06.2025	Jetty Top Area - MLA - 26	PT Point A UP Stream	Flange	0.0	1	100	0.000000	8760	0
297	23.06.2025	Jetty Top Area - MLA - 26	PT Point A Down Stream	Flange	0.1	1	100	0.000001	8760	0.0080021
298	23.06.2025	Jetty Top Area - MLA - 26	PT Point B UP Stream	Flange	0.0	1	100	0.000000	8760	0
299	23.06.2025	Jetty Top Area - MLA - 26	PT Point B Down Stream	Flange	0.0	1	100	0.000000	8760	0
300	23.06.2025	Jetty Top Area - MLA - 26	PT Point C UP Stream	Flange	0.0	1	100	0.000000	8760	0
301	23.06.2025	Jetty Top Area - MLA - 26	PT Point C Down Stream	Flange	0.0	1	100	0.000000	8760	0
302	21.06.2025	Jetty CTMS Naptha	Vapour Elminator HPV Up Stream	Flange	0.0	1	100	0.000000	8760	0
303	21.06.2025	Jetty CTMS Naptha	Vapour Elminator HPV Down Stream	Flange	0.1	1	100	0.000001	8760	0.0080021
304	21.06.2025	Jetty CTMS Naptha	Main Line PSV	Flange	0.0	1	100	0.000000	8760	0
305	21.06.2025	Jetty CTMS Naptha	Main Line PSV U/S Up Stream	Flange	0.3	1	100	0.000002	8760	0.0173229
306	21.06.2025	Jetty CTMS Naptha	Main Line PSV U/S Down Stream	Flange	0.0	1	100	0.000000	8760	0
307	21.06.2025	Jetty CTMS Naptha	Main Line PSV D/S Up Stream	Flange	0.0	1	100	0.000000	8760	0
308	21.06.2025	Jetty CTMS Naptha	Main Line PSV D/S Down Stream	Flange	0.0	1	100	0.000000	8760	0

309	21.06.2025	Jetty CTMS Naptha	Main Line PSV U/S Drain Point	Flange	0.0	1	100	0.000000	8760	0
310	21.06.2025	Jetty CTMS Naptha	Main Line PSV D/S Drain Point	Flange	0.1	1	100	0.000001	8760	0.0080021
311	21.06.2025	Jetty CTMS Naptha	Vapour Elminator Inlet	Flange	0.0	1	100	0.000000	8760	0
312	21.06.2025	Jetty CTMS Naptha	Vapour Elminator Outlet	Flange	0.2	1	100	0.000001	8760	0.0130265
313	21.06.2025	Jetty CTMS Naptha	Vapour Elminator Manhole	Flange	0.0	1	100	0.000000	8760	0
314	21.06.2025	Jetty CTMS Naptha	Vapour Elminator Drain Point HOV	Flange	0.0	1	100	0.000000	8760	0
315	21.06.2025	Jetty CTMS Naptha	Vapour Elminator PSV	Flange	0.0	1	100	0.000000	8760	0
316	21.06.2025	Jetty CTMS Naptha	Vapour Eliminator PSV U/S HOV Up Stream	Flange	0.0	1	100	0.000000	8760	0
317	21.06.2025	Jetty CTMS Naptha	Vapour Eliminator PSV U/S HOVDown Stream	Flange	0.1	1	100	0.000001	8760	0.0080021
318	21.06.2025	Jetty CTMS Naptha	Vapour Eliminator PSV D/S HOV Up Stream	Flange	0.0	1	100	0.000000	8760	0
319	21.06.2025	Jetty CTMS Naptha	Vapour Eliminator PSV D/S HOVDown Stream	Flange	0.0	1	100	0.000000	8760	0
320	21.06.2025	Jetty CTMS Naptha	Vapour Elminator PSV U/S Drain Point	Flange	0.0	1	100	0.000000	8760	0
321	21.06.2025	Jetty CTMS Naptha	Vapour Elminator PSV D/S Drain Point	Flange	0.0	1	100	0.000000	8760	0
322	21.06.2025	Jetty CTMS Naptha	Vapour Elminator Vent Point	Flange	0.0	1	100	0.000000	8760	0
323	21.06.2025	Jetty CTMS Naptha	Vapour Elminator HOV -1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
324	21.06.2025	Jetty CTMS Naptha	Vapour Elminator HOV -1 down Stream	Flange	0.0	1	100	0.000000	8760	0
325	21.06.2025	Jetty CTMS Naptha	Vapour Elminator HOV -2 Up Stream	Flange	0.1	1	100	0.000001	8760	0.0080021
326	21.06.2025	Jetty CTMS Naptha	Vapour Elminator HOV -2 down Stream	Flange	0.0	1	100	0.000000	8760	0
327	21.06.2025	Jetty CTMS Naptha	CTMS U/S Ringspacer	Flange	0.1	1	100	0.000001	8760	0.0080021
328	21.06.2025	Jetty CTMS Naptha	Firest Loop Pump U/S HOV Up Stream	Flange	0.0	1	100	0.000000	8760	0
329	21.06.2025	Jetty CTMS Naptha	Firest Loop Pump U/S HOV Down Stream	Flange	0.2	1	100	0.000001	8760	0.0130265
330	21.06.2025	Jetty CTMS Naptha	Firest Loop Pump U/S Drain Point HOV Up Stream	Flange	0.0	1	100	0.000000	8760	0
331	21.06.2025	Jetty CTMS Naptha	Firest Loop Pump U/S Drain Point HOV Down Stream	Flange	0.0	1	100	0.000000	8760	0
332	21.06.2025	Jetty CTMS Naptha	Firest Loop Pump Up Stream	Flange	0.0	1	100	0.000000	8760	0
333	21.06.2025	Jetty CTMS Naptha	Firest Loop Pump Down Stream	Flange	0.0	1	100	0.000000	8760	0
334	21.06.2025	Jetty CTMS Naptha	Flowmeter Up Stream	Flange	0.0	1	100	0.000000	8760	0
335	21.06.2025	Jetty CTMS Naptha	Flowmeter Down Stream	Flange	0.0	1	100	0.000000	8760	0
336	21.06.2025	Jetty CTMS Naptha	Firest Loop Pump Discharge PT HOV Up Stream	Flange	0.0	1	100	0.000000	8760	0
337	21.06.2025	Jetty CTMS Naptha	Firest Loop Pump Discharge PT HOV Down Stream	Flange	0.0	1	100	0.000000	8760	0
338	21.06.2025	Jetty CTMS Naptha	Firest Loop Pump Discharge TT HOV	Flange	0.0	1	100	0.000000	8760	0
339	21.06.2025	Jetty CTMS Naptha	Firest Loop Pump D/S Drain Point HOV Up Stream	Flange	0.0	1	100	0.000000	8760	0
340	21.06.2025	Jetty CTMS Naptha	Firest Loop Pump D/S Drain Point HOV Down Stream	Flange	0.0	1	100	0.000000	8760	0
341	21.06.2025	Jetty CTMS Naptha	Densitometer - 1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
342	21.06.2025	Jetty CTMS Naptha	Densitometer - 1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
343	21.06.2025	Jetty CTMS Naptha	Densitometer - 2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
344	21.06.2025	Jetty CTMS Naptha	Densitometer - 2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
345	21.06.2025	Jetty CTMS Naptha	Densitometer U/S HOV - 1 Up Stream	Flange	0.1	1	100	0.000001	8760	0.0080021
346	21.06.2025	Jetty CTMS Naptha	Densitometer U/S HOV - 1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
347	21.06.2025	Jetty CTMS Naptha	Densitometer U/S HOV - 2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
348	21.06.2025	Jetty CTMS Naptha	Densitometer U/S HOV - 2 Down Stream	Flange	0.2	1	100	0.000001	8760	0.0130265
349	21.06.2025	Jetty CTMS Naptha	Densitometer D/S HOV - 1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
350	21.06.2025	Jetty CTMS Naptha	Densitometer D/S HOV - 1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
351	21.06.2025	Jetty CTMS Naptha	Densitometer D/S HOV - 2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
352	21.06.2025	Jetty CTMS Naptha	Densitometer D/S HOV - 2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
353	21.06.2025	Jetty CTMS Naptha	Densitometer D/S HPV	Flange	0.0	1	100	0.000000	8760	0
354	21.06.2025	Jetty CTMS Naptha	Sampler HOV - 1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
355	21.06.2025	Jetty CTMS Naptha	Sampler HOV - 1 Down Stream	Flange	0.2	1	100	0.000001	8760	0.0130265
356	21.06.2025	Jetty CTMS Naptha	Sampler HOV - 2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
357	21.06.2025	Jetty CTMS Naptha	Sampler HOV - 2 Down Stream	Flange	0.1	1	100	0.000001	8760	0.0080021
358	21.06.2025	Jetty CTMS Naptha	Globe Valve Up Stream	Flange	0.0	1	100	0.000000	8760	0
359	21.06.2025	Jetty CTMS Naptha	Globe Valve Down Stream	Flange	0.0	1	100	0.000000	8760	0
360	21.06.2025	Jetty CTMS Naptha	Firest Loop Pump D/S HOV Up Stream	Flange	0.0	1	100	0.000000	8760	0
361	21.06.2025	Jetty CTMS Naptha	Firest Loop Pump D/S HOV Down Stream	Flange	0.0	1	100	0.000000	8760	0

362	21.06.2025	Jetty CTMS Naptha	Header Drain HOV - 1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
363	21.06.2025	Jetty CTMS Naptha	Header Drain HOV - 1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
364	21.06.2025	Jetty CTMS Naptha	Header Drain HOV - 2 Up Stream	Flange	0.1	1	100	0.000001	8760	0.0080021
365	21.06.2025	Jetty CTMS Naptha	Header Drain HOV - 2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
366	21.06.2025	Jetty CTMS Naptha	Stream 1 HOV - 1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
367	21.06.2025	Jetty CTMS Naptha	Stream 1 HOV - 1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
368	21.06.2025	Jetty CTMS Naptha	Stream 1 HOV - 2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
369	21.06.2025	Jetty CTMS Naptha	Stream 1 HOV - 2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
370	21.06.2025	Jetty CTMS Naptha	Stream 1 HOV - 3 Up Stream	Flange	0.0	1	100	0.000000	8760	0
371	21.06.2025	Jetty CTMS Naptha	Stream 1 HOV - 3 Down Stream	Flange	0.0	1	100	0.000000	8760	0
372	21.06.2025	Jetty CTMS Naptha	Stream 2 HOV - 1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
373	21.06.2025	Jetty CTMS Naptha	Stream 2 HOV - 1 Down Stream	Flange	0.1	1	100	0.000001	8760	0.0080021
374	21.06.2025	Jetty CTMS Naptha	Stream 2 HOV - 2 Up Stream	Flange	0.2	1	100	0.000001	8760	0.0130265
375	21.06.2025	Jetty CTMS Naptha	Stream 2 HOV - 2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
376	21.06.2025	Jetty CTMS Naptha	Stream 2 HOV - 3 Up Stream	Flange	0.0	1	100	0.000000	8760	0
377	21.06.2025	Jetty CTMS Naptha	Stream 2 HOV - 3 Down Stream	Flange	0.0	1	100	0.000000	8760	0
378	21.06.2025	Jetty CTMS Naptha	Stream 3 HOV - 1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
379	21.06.2025	Jetty CTMS Naptha	Stream 3 HOV - 1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
380	21.06.2025	Jetty CTMS Naptha	Stream 3 HOV - 2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
381	21.06.2025	Jetty CTMS Naptha	Stream 3 HOV - 2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
382	21.06.2025	Jetty CTMS Naptha	Stream 3 HOV - 3 Up Stream	Flange	0.0	1	100	0.000000	8760	0
383	21.06.2025	Jetty CTMS Naptha	Stream 3 HOV - 3 Down Stream	Flange	0.0	1	100	0.000000	8760	0
384	21.06.2025	Jetty CTMS Naptha	Stream 4 HOV - 1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
385	21.06.2025	Jetty CTMS Naptha	Stream 4 HOV - 1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
386	21.06.2025	Jetty CTMS Naptha	Stream 4 HOV - 2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
387	21.06.2025	Jetty CTMS Naptha	Stream 4 HOV - 2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
388	21.06.2025	Jetty CTMS Naptha	Stream 4 HOV - 3 Up Stream	Flange	0.0	1	100	0.000000	8760	0
389	21.06.2025	Jetty CTMS Naptha	Stream 4 HOV - 3 Down Stream	Flange	0.0	1	100	0.000000	8760	0
390	21.06.2025	Jetty CTMS Naptha	Back Filter- 1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
391	21.06.2025	Jetty CTMS Naptha	Back Filter - 1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
392	21.06.2025	Jetty CTMS Naptha	Back Filter - 2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
393	21.06.2025	Jetty CTMS Naptha	Back Filter - 2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
394	21.06.2025	Jetty CTMS Naptha	Back Filter - 3 Up Stream	Flange	0.0	1	100	0.000000	8760	0
395	21.06.2025	Jetty CTMS Naptha	Back Filter - 3 Down Stream	Flange	0.0	1	100	0.000000	8760	0
396	21.06.2025	Jetty CTMS Naptha	Back Filter - 4 Up Stream	Flange	0.0	1	100	0.000000	8760	0
397	21.06.2025	Jetty CTMS Naptha	Back Filter - 4 Down Stream	Flange	0.0	1	100	0.000000	8760	0
398	21.06.2025	Jetty CTMS Naptha	Back Filter Drain HOV - 1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
399	21.06.2025	Jetty CTMS Naptha	Back Filter Drain HOV - 1 Down Stream	Flange	3.9	1	100	0.000012	8760	0.1051292
400	21.06.2025	Jetty CTMS Naptha	Back Filter Drain HOV - 2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
401	21.06.2025	Jetty CTMS Naptha	Back Filter Drain HOV - 2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
402	21.06.2025	Jetty CTMS Naptha	Back Filter Drain HOV - 3 Up Stream	Flange	0.0	1	100	0.000000	8760	0
403	21.06.2025	Jetty CTMS Naptha	Back Filter Drain HOV - 3 Down Stream	Flange	0.0	1	100	0.000000	8760	0
404	21.06.2025	Jetty CTMS Naptha	Back Filter Drain HOV - 4 Up Stream	Flange	0.0	1	100	0.000000	8760	0
405	21.06.2025	Jetty CTMS Naptha	Back Filter Drain HOV - 4 Down Stream	Flange	7.4	1	100	0.000019	8760	0.1649206
406	21.06.2025	Jetty CTMS Naptha	Back Filter Drain HOV - 5 Up Stream	Flange	0.0	1	100	0.000000	8760	0
407	21.06.2025	Jetty CTMS Naptha	Back Filter Drain HOV - 5 Down Stream	Flange	0.0	1	100	0.000000	8760	0
408	21.06.2025	Jetty CTMS Naptha	Back Filter Drain HOV - 6 Up Stream	Flange	0.0	1	100	0.000000	8760	0
409	21.06.2025	Jetty CTMS Naptha	Back Filter Drain HOV - 6 Down Stream	Flange	0.0	1	100	0.000000	8760	0
410	21.06.2025	Jetty CTMS Naptha	Back Filter Drain HOV - 7 Up Stream	Flange	0.0	1	100	0.000000	8760	0
411	21.06.2025	Jetty CTMS Naptha	Back Filter Drain HOV - 7 Down Stream	Flange	0.0	1	100	0.000000	8760	0
412	21.06.2025	Jetty CTMS Naptha	Back Filter Drain HOV - 8 Up Stream	Flange	0.0	1	100	0.000000	8760	0
413	21.06.2025	Jetty CTMS Naptha	Back Filter Drain HOV - 8 Down Stream	Flange	0.0	1	100	0.000000	8760	0
414	21.06.2025	Jetty CTMS Naptha	Stream 1 MOV - 1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
415	21.06.2025	Jetty CTMS Naptha	Stream 1 MOV - 1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
416	21.06.2025	Jetty CTMS Naptha	Stream 2 MOV - 1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
417	21.06.2025	Jetty CTMS Naptha	Stream 2 MOV - 1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
418	21.06.2025	Jetty CTMS Naptha	Stream 2 MOV - 2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
419	21.06.2025	Jetty CTMS Naptha	Stream 2 MOV - 2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
420	21.06.2025	Jetty CTMS Naptha	Stream 3 MOV - 1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
421	21.06.2025	Jetty CTMS Naptha	Stream 3 MOV - 1 Down Stream	Flange	0.2	1	100	0.000001	8760	0.0130265

422	21.06.2025	Jetty CTMS Naptha	Stream 3 MOV - 2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
423	21.06.2025	Jetty CTMS Naptha	Stream 3 MOV - 2 Down Stream	Flange	0.1	1	100	0.000001	8760	0.0080021
424	21.06.2025	Jetty CTMS Naptha	Stream 4 MOV - 1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
425	21.06.2025	Jetty CTMS Naptha	Stream 4 MOV - 1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
426	21.06.2025	Jetty CTMS Naptha	Stream 4 MOV - 2 Up Stream	Flange	0.1	1	100	0.000001	8760	0.0080021
427	21.06.2025	Jetty CTMS Naptha	Stream 4 MOV - 2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
428	21.06.2025	Jetty CTMS Naptha	Stream 1 FCV - 1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
429	21.06.2025	Jetty CTMS Naptha	Stream 1 FCV - 1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
430	21.06.2025	Jetty CTMS Naptha	Stream 2 FCV - 1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
431	21.06.2025	Jetty CTMS Naptha	Stream 2 FCV - 1 Down Stream	Flange	0.2	1	100	0.000001	8760	0.0130265
432	21.06.2025	Jetty CTMS Naptha	Stream 2 FCV - 2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
433	21.06.2025	Jetty CTMS Naptha	Stream 2 FCV - 2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
434	21.06.2025	Jetty CTMS Naptha	Stream 3 FCV - 1 Up Stream	Flange	0.1	1	100	0.000001	8760	0.0080021
435	21.06.2025	Jetty CTMS Naptha	Stream 3 FCV - 1 Down Stream	Flange	0.2	1	100	0.000001	8760	0.0130265
436	21.06.2025	Jetty CTMS Naptha	Stream 3 FCV - 2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
437	21.06.2025	Jetty CTMS Naptha	Stream 3 FCV - 2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
438	21.06.2025	Jetty CTMS Naptha	Stream 4 FCV - 1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
439	21.06.2025	Jetty CTMS Naptha	Stream 4 FCV - 1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
440	21.06.2025	Jetty CTMS Naptha	Stream 4 FCV - 2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
441	21.06.2025	Jetty CTMS Naptha	Stream 4 FCV - 2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
442	21.06.2025	Jetty CTMS Naptha	DGP HOV - 1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
443	21.06.2025	Jetty CTMS Naptha	DGP HOV - 1 Down Stream	Flange	0.2	1	100	0.000001	8760	0.0130265
444	21.06.2025	Jetty CTMS Naptha	DGP HOV - 2 Up Stream	Flange	0.5	1	100	0.000003	8760	0.0248074
445	21.06.2025	Jetty CTMS Naptha	DGP HOV - 2 Down Stream	Flange	1.2	1	100	0.000005	8760	0.045906
446	21.06.2025	Jetty CTMS Naptha	DGP HOV - 3 Up Stream	Flange	0.0	1	100	0.000000	8760	0
447	21.06.2025	Jetty CTMS Naptha	DGP HOV - 3 Down Stream	Flange	0.0	1	100	0.000000	8760	0
448	21.06.2025	Jetty CTMS Naptha	DGP HOV - 4 Up Stream	Flange	4.1	1	100	0.000012	8760	0.108891
449	21.06.2025	Jetty CTMS Naptha	DGP HOV - 4 Down Stream	Flange	0.0	1	100	0.000000	8760	0
450	21.06.2025	Jetty CTMS Naptha	DGP HOV - 5 Up Stream	Flange	0.0	1	100	0.000000	8760	0
451	21.06.2025	Jetty CTMS Naptha	DGP HOV - 5 Down Stream	Flange	1.2	1	100	0.000005	8760	0.045906
452	21.06.2025	Jetty CTMS Naptha	DGP HOV - 6 Up Stream	Flange	0.0	1	100	0.000000	8760	0
453	21.06.2025	Jetty CTMS Naptha	DGP HOV - 6 Down Stream	Flange	0.9	1	100	0.000004	8760	0.0375005
454	21.06.2025	Jetty CTMS Naptha	DGP HOV - 7 Up Stream	Flange	0.0	1	100	0.000000	8760	0
455	21.06.2025	Jetty CTMS Naptha	DGP HOV - 7 Down Stream	Flange	0.0	1	100	0.000000	8760	0
456	21.06.2025	Jetty CTMS Naptha	DGP HOV - 8 Up Stream	Flange	0.0	1	100	0.000000	8760	0
457	21.06.2025	Jetty CTMS Naptha	DGP HOV - 8 Down Stream	Flange	0.2	1	100	0.000001	8760	0.0130265
458	21.06.2025	Jetty CTMS Naptha	PSV - 1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
459	21.06.2025	Jetty CTMS Naptha	PSV - 1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
460	21.06.2025	Jetty CTMS Naptha	PSV - 2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
461	21.06.2025	Jetty CTMS Naptha	PSV - 2 Down Stream	Flange	0.4	1	100	0.000002	8760	0.0212057
462	21.06.2025	Jetty CTMS Naptha	PSV - 3 Up Stream	Flange	0.0	1	100	0.000000	8760	0
463	21.06.2025	Jetty CTMS Naptha	PSV - 3 Down Stream	Flange	0.2	1	100	0.000001	8760	0.0130265
464	21.06.2025	Jetty CTMS Naptha	PSV - 4 Up Stream	Flange	0.0	1	100	0.000000	8760	0
465	21.06.2025	Jetty CTMS Naptha	PSV - 4 Down Stream	Flange	0.9	1	100	0.000004	8760	0.0375005
466	21.06.2025	Jetty CTMS Naptha	PSV U/S HOV - 1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
467	21.06.2025	Jetty CTMS Naptha	PSV U/S HOV - 1 Down Stream	Flange	1.1	1	100	0.000005	8760	0.0431821
468	21.06.2025	Jetty CTMS Naptha	PSV U/S HOV - 2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
469	21.06.2025	Jetty CTMS Naptha	PSV U/S HOV - 2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
470	21.06.2025	Jetty CTMS Naptha	PSV U/S HOV - 3 Up Stream	Flange	0.0	1	100	0.000000	8760	0
471	21.06.2025	Jetty CTMS Naptha	PSV U/S HOV - 3 Down Stream	Flange	0.0	1	100	0.000000	8760	0
472	21.06.2025	Jetty CTMS Naptha	PSV U/S HOV - 4 Up Stream	Flange	0.0	1	100	0.000000	8760	0
473	21.06.2025	Jetty CTMS Naptha	PSV U/S HOV - 4 Down Stream	Flange	0.0	1	100	0.000000	8760	0
474	21.06.2025	Jetty CTMS Naptha	PSV D/S HOV - 1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
475	21.06.2025	Jetty CTMS Naptha	PSV D/S HOV - 1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
476	21.06.2025	Jetty CTMS Naptha	PSV D/S HOV - 2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
477	21.06.2025	Jetty CTMS Naptha	PSV D/S HOV - 2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
478	21.06.2025	Jetty CTMS Naptha	PSV D/S HOV - 3 Up Stream	Flange	0.0	1	100	0.000000	8760	0
479	21.06.2025	Jetty CTMS Naptha	PSV D/S HOV - 3 Down Stream	Flange	0.2	1	100	0.000001	8760	0.0130265
480	21.06.2025	Jetty CTMS Naptha	PSV D/S HOV - 4 Up Stream	Flange	0.0	1	100	0.000000	8760	0
481	21.06.2025	Jetty CTMS Naptha	PSV D/S HOV - 4 Down Stream	Flange	0.0	1	100	0.000000	8760	0
482	21.06.2025	Jetty CTMS Naptha	Stream 1 Flowmeter - 1	Flange	0.0	1	100	0.000000	8760	0
483	21.06.2025	Jetty CTMS Naptha	Stream 1 Flowmeter - 2	Flange	0.0	1	100	0.000000	8760	0
484	21.06.2025	Jetty CTMS Naptha	Stream 1 Flowmeter - 3	Flange	0.0	1	100	0.000000	8760	0
485	21.06.2025	Jetty CTMS Naptha	Stream 1 Flowmeter - 4	Flange	0.0	1	100	0.000000	8760	0
486	21.06.2025	Jetty CTMS Naptha	Stream 1 Flowmeter - 5	Flange	0.0	1	100	0.000000	8760	0
487	21.06.2025	Jetty CTMS Naptha	Stream 1 Flowmeter - 6	Flange	0.0	1	100	0.000000	8760	0
488	21.06.2025	Jetty CTMS Naptha	Stream 1 Flowmeter - 7	Flange	0.0	1	100	0.000000	8760	0
489	21.06.2025	Jetty CTMS Naptha	Stream 1 Flowmeter - 8	Flange	0.0	1	100	0.000000	8760	0
490	21.06.2025	Jetty CTMS Naptha	Stream 1 Flowmeter - 9	Flange	0.0	1	100	0.000000	8760	0
491	21.06.2025	Jetty CTMS Naptha	Stream 1 Flowmeter - 10	Flange	0.0	1	100	0.000000	8760	0
492	21.06.2025	Jetty CTMS Naptha	Stream 2 Flowmeter - 1	Flange	0.0	1	100	0.000000	8760	0
493	21.06.2025	Jetty CTMS Naptha	Stream 2 Flowmeter - 2	Flange	0.0	1	100	0.000000	8760	0
494	21.06.2025	Jetty CTMS Naptha	Stream 2 Flowmeter - 3	Flange	0.0	1	100	0.000000	8760	0
495	21.06.2025	Jetty CTMS Naptha	Stream 2 Flowmeter - 4	Flange	0.0	1	100	0.000000	8760	0
496	21.06.2025	Jetty CTMS Naptha	Stream 2 Flowmeter - 5	Flange	0.0	1	100	0.000000	8760	0
497	21.06.2025	Jetty CTMS Naptha	Stream 2 Flowmeter - 6	Flange	0.0	1	100	0.000000	8760	0
498	21.06.2025	Jetty CTMS Naptha	Stream 2 Flowmeter - 7	Flange	0.0	1	100	0.000000	8760	0
499	21.06.2025	Jetty CTMS Naptha	Stream 2 Flowmeter - 8	Flange	0.0	1	100	0.000000	8760	0
500	21.06.2025	Jetty CTMS Naptha	Stream 2 Flowmeter - 9	Flange	0.0	1	100	0.000000	8760	0
501	21.06.2025	Jetty CTMS Naptha	Stream 2 Flowmeter - 10	Flange	0.0	1	100	0.000000	8760	0

502	21.06.2025	Jetty CTMS Naptha	Stream 3 Flowmeter - 1	Flange	0.0	1	100	0.000000	8760	0
503	21.06.2025	Jetty CTMS Naptha	Stream 3 Flowmeter - 2	Flange	0.1	1	100	0.000001	8760	0.0080021
504	21.06.2025	Jetty CTMS Naptha	Stream 3 Flowmeter - 3	Flange	0.0	1	100	0.000000	8760	0
505	21.06.2025	Jetty CTMS Naptha	Stream 3 Flowmeter - 4	Flange	0.1	1	100	0.000001	8760	0.0080021
506	21.06.2025	Jetty CTMS Naptha	Stream 3 Flowmeter - 5	Flange	0.0	1	100	0.000000	8760	0
507	21.06.2025	Jetty CTMS Naptha	Stream 3 Flowmeter - 6	Flange	0.0	1	100	0.000000	8760	0
508	21.06.2025	Jetty CTMS Naptha	Stream 3 Flowmeter - 7	Flange	0.0	1	100	0.000000	8760	0
509	21.06.2025	Jetty CTMS Naptha	Stream 3 Flowmeter - 8	Flange	0.0	1	100	0.000000	8760	0
510	21.06.2025	Jetty CTMS Naptha	Stream 3 Flowmeter - 9	Flange	0.0	1	100	0.000000	8760	0
511	21.06.2025	Jetty CTMS Naptha	Stream 3 Flowmeter - 10	Flange	0.0	1	100	0.000000	8760	0
512	21.06.2025	Jetty CTMS Naptha	Stream 4 Flowmeter - 1	Flange	0.0	1	100	0.000000	8760	0
513	21.06.2025	Jetty CTMS Naptha	Stream 4 Flowmeter - 2	Flange	0.0	1	100	0.000000	8760	0
514	21.06.2025	Jetty CTMS Naptha	Stream 4 Flowmeter - 3	Flange	0.0	1	100	0.000000	8760	0
515	21.06.2025	Jetty CTMS Naptha	Stream 4 Flowmeter - 4	Flange	0.0	1	100	0.000000	8760	0
516	21.06.2025	Jetty CTMS Naptha	Stream 4 Flowmeter - 5	Flange	0.0	1	100	0.000000	8760	0
517	21.06.2025	Jetty CTMS Naptha	Stream 4 Flowmeter - 6	Flange	0.0	1	100	0.000000	8760	0
518	21.06.2025	Jetty CTMS Naptha	Stream 4 Flowmeter - 7	Flange	0.0	1	100	0.000000	8760	0
519	21.06.2025	Jetty CTMS Naptha	Stream 4 Flowmeter - 8	Flange	0.0	1	100	0.000000	8760	0
520	21.06.2025	Jetty CTMS Naptha	Stream 4 Flowmeter - 9	Flange	0.0	1	100	0.000000	8760	0
521	21.06.2025	Jetty CTMS Naptha	Stream 4 Flowmeter - 10	Flange	0.0	1	100	0.000000	8760	0
522	21.06.2025	Jetty CTMS Naptha	CTMS U/S Ringspacer	Flange	0.0	1	100	0.000000	8760	0
523	21.06.2025	Jetty CTMS Naptha	PCV U/S HOV Up Stream	Flange	4.9	1	100	0.000014	8760	0.1234278
524	21.06.2025	Jetty CTMS Naptha	PCV U/S HOV Down Stream	Flange	0.0	1	100	0.000000	8760	0
525	21.06.2025	Jetty CTMS Naptha	PCV D/S HOV Up Stream	Flange	0.0	1	100	0.000000	8760	0
526	21.06.2025	Jetty CTMS Naptha	PCV D/S HOV Down Stream	Flange	0.0	1	100	0.000000	8760	0
527	21.06.2025	Jetty CTMS Naptha	PCV Up Stream	Flange	1.2	1	100	0.000005	8760	0.045906
528	21.06.2025	Jetty CTMS Naptha	PCV Down Stream	Flange	0.0	1	100	0.000000	8760	0
529	21.06.2025	Jetty CTMS Naptha	PCV U/S LPD	Flange	0.8	1	100	0.000004	8760	0.0345205
530	21.06.2025	Jetty CTMS Naptha	PCV D/S LPD	Flange	0.7	1	100	0.000004	8760	0.0314274
531	21.06.2025	Jetty CTMS Naptha	PCV U/S PT	Flange	0.4	1	100	0.000002	8760	0.0212057
532	21.06.2025	Jetty CTMS Naptha	PCV D/S PT	Flange	0.1	1	100	0.000001	8760	0.0080021
533	21.06.2025	Jetty CTMS Naptha	PCV D/S PSV	Flange	0.0	1	100	0.000000	8760	0
534	21.06.2025	Jetty CTMS Naptha	PSV U/S & D/S HOV - 1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
535	21.06.2025	Jetty CTMS Naptha	PSV U/S & D/S HOV - 1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
536	21.06.2025	Jetty CTMS Naptha	PSV U/S & D/S HOV - 2 Up Stream	Flange	0.2	1	100	0.000001	8760	0.0130265
537	21.06.2025	Jetty CTMS Naptha	PSV U/S & D/S HOV - 2 Down Stream	Flange	0.1	1	100	0.000001	8760	0.0080021
538	21.06.2025	Jetty CTMS Naptha	PSV U/S & D/S LPD Up Stream	Flange	0.0	1	100	0.000000	8760	0
539	21.06.2025	Jetty CTMS Naptha	PSV U/S & D/S LPD Down Stream	Flange	0.1	1	100	0.000001	8760	0.0080021
540	21.06.2025	Jetty CTMS Naptha	CTMS D/S HPV	Flange	0.0	1	100	0.000000	8760	0
541	21.06.2025	Jetty CTMS Naptha	Prover U/S & D/S Spool Up Stream	Flange	0.0	1	100	0.000000	8760	0
542	21.06.2025	Jetty CTMS Naptha	Prover U/S & D/S Spool Down Stream	Flange	0.0	1	100	0.000000	8760	0
543	21.06.2025	Jetty CTMS Naptha	Prover Inlet & Outlet Hov -1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
544	21.06.2025	Jetty CTMS Naptha	Prover Inlet & Outlet Hov -1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
545	21.06.2025	Jetty CTMS Naptha	Prover Inlet & Outlet Hov -2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
546	21.06.2025	Jetty CTMS Naptha	Prover Inlet & Outlet Hov -2 Down Stream	Flange	0.9	1	100	0.000004	8760	0.0375005
547	21.06.2025	Jetty CTMS Naptha	Prover Spool Up Stream	Flange	0.0	1	100	0.000000	8760	0
548	21.06.2025	Jetty CTMS Naptha	Prover Spool Down Stream	Flange	0.2	1	100	0.000001	8760	0.0130265
549	21.06.2025	Jetty CTMS Naptha	Prover PT HOV Up Stream	Flange	0.0	1	100	0.000000	8760	0
550	21.06.2025	Jetty CTMS Naptha	Prover PT HOV Down Stream	Flange	0.0	1	100	0.000000	8760	0
551	21.06.2025	Jetty CTMS Naptha	Prover Spare Connection Up Stream	Flange	0.0	1	100	0.000000	8760	0
552	21.06.2025	Jetty CTMS Naptha	Prover Spare Connection Down Stream	Flange	1.2	1	100	0.000005	8760	0.045906
553	21.06.2025	Jetty CTMS Naptha	Prover PSV	Flange	0.0	1	100	0.000000	8760	0
554	21.06.2025	Jetty CTMS Naptha	Prover Vent Hov - 1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
555	21.06.2025	Jetty CTMS Naptha	Prover Vent Hov - 1 Down Stream	Flange	1.4	1	100	0.000006	8760	0.0511603
556	21.06.2025	Jetty CTMS Naptha	Prover Vent Hov - 2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
557	21.06.2025	Jetty CTMS Naptha	Prover Vent Hov - 2 Down Stream	Flange	0.8	1	100	0.000004	8760	0.0345205
558	21.06.2025	Jetty CTMS Naptha	Prover LPD	Flange	0.0	1	100	0.000000	8760	0
559	21.06.2025	Jetty CTMS Naptha	Prover LPD UP Stream	Flange	0.1	1	100	0.000001	8760	0.0080021
560	21.06.2025	Jetty CTMS Naptha	Prover LPD Down Stream	Flange	0.2	1	100	0.000001	8760	0.0130265
561	21.06.2025	Jetty CTMS Naptha	Drain Hov -1 UP Stream	Flange	0.0	1	100	0.000000	8760	0
562	21.06.2025	Jetty CTMS Naptha	Drain Hov -1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
563	21.06.2025	Jetty CTMS Naptha	Drain Hov -2 UP Stream	Flange	0.0	1	100	0.000000	8760	0
564	21.06.2025	Jetty CTMS Naptha	Drain Hov -2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
565	21.06.2025	Jetty CTMS Naptha	Drain Hov -3 UP Stream	Flange	0.0	1	100	0.000000	8760	0
566	21.06.2025	Jetty CTMS Naptha	Drain Hov -3 Down Stream	Flange	0.0	1	100	0.000000	8760	0
567	21.06.2025	Jetty CTMS Naptha	Drain Hov -4 UP Stream	Flange	0.0	1	100	0.000000	8760	0
568	21.06.2025	Jetty CTMS Naptha	Drain Hov -4 Down Stream	Flange	0.0	1	100	0.000000	8760	0
569	21.06.2025	Jetty CTMS Naptha	Drain Hov -5 UP Stream	Flange	0.0	1	100	0.000000	8760	0

570	21.06.2025	Jetty CTMS Naptha	Drain Hov -5 Down Stream	Flange	0.0	1	100	0.000000	8760	0
571	21.06.2025	Jetty CTMS Naptha	Drain Hov -6 UP Stream	Flange	0.2	1	100	0.000001	8760	0.0130265
572	21.06.2025	Jetty CTMS Naptha	Drain Hov -6 Down Stream	Flange	0.0	1	100	0.000000	8760	0
573	21.06.2025	Jetty CTMS Naptha	CBD Line HOV Up Stream	Flange	0.0	1	100	0.000000	8760	0
574	21.06.2025	Jetty CTMS Naptha	CBD Line HOV Down Stream	Flange	0.0	1	100	0.000000	8760	0
575	21.06.2025	Jetty CTMS Naptha	CBD Line End Flange	Flange	0.0	1	100	0.000000	8760	0
576	21.06.2025	Jetty CTMS Naptha	CBD Line NRV Up Stream	Flange	0.0	1	100	0.000000	8760	0
577	21.06.2025	Jetty CTMS Naptha	CBD Line NRV Down Stream	Flange	0.0	1	100	0.000000	8760	0
578	21.06.2025	Jetty CTMS MS - R	Vapour Elminator HPV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
579	21.06.2025	Jetty CTMS MS - R	Vapour Elminator HPV Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
580	21.06.2025	Jetty CTMS MS - R	Main Line PSV	Flange	1.2	0.8	100	0.000004	8760	0.0367248
581	21.06.2025	Jetty CTMS MS - R	Main Line PSV U/S Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
582	21.06.2025	Jetty CTMS MS - R	Main Line PSV U/S Down Stream	Flange	0.9	0.8	100	0.000003	8760	0.0300004
583	21.06.2025	Jetty CTMS MS - R	Main Line PSV D/S Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
584	21.06.2025	Jetty CTMS MS - R	Main Line PSV D/S Down Stream	Flange	0.2	0.8	100	0.000001	8760	0.0104212
585	21.06.2025	Jetty CTMS MS - R	Main Line PSV U/S Drain Point	Flange	1.0	0.8	100	0.000004	8760	0.0323069
586	21.06.2025	Jetty CTMS MS - R	Main Line PSV D/S Drain Point	Flange	0.0	0.8	100	0.000000	8760	0
587	21.06.2025	Jetty CTMS MS - R	Vapour Elminator Inlet	Flange	0.0	0.8	100	0.000000	8760	0
588	21.06.2025	Jetty CTMS MS - R	Vapour Elminator Outlet	Flange	0.2	0.8	100	0.000001	8760	0.0104212
589	21.06.2025	Jetty CTMS MS - R	Vapour Elminator Manhole	Flange	0.1	0.8	100	0.000001	8760	0.0064017
590	21.06.2025	Jetty CTMS MS - R	Vapour Elminator Drain Point HOV	Flange	0.0	0.8	100	0.000000	8760	0
591	21.06.2025	Jetty CTMS MS - R	Vapour Elminator PSV	Flange	0.0	0.8	100	0.000000	8760	0
592	21.06.2025	Jetty CTMS MS - R	Vapour Eliminator PSV U/S HOV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
593	21.06.2025	Jetty CTMS MS - R	Vapour Eliminator PSV U/S HOVDown Stream	Flange	0.0	0.8	100	0.000000	8760	0
594	21.06.2025	Jetty CTMS MS - R	Vapour Eliminator PSV D/S HOV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
595	21.06.2025	Jetty CTMS MS - R	Vapour Eliminator PSV D/S HOVDown Stream	Flange	1.2	0.8	100	0.000004	8760	0.0367248
596	21.06.2025	Jetty CTMS MS - R	Vapour Elminator PSV U/S Drain Point	Flange	0.0	0.8	100	0.000000	8760	0
597	21.06.2025	Jetty CTMS MS - R	Vapour Elminator PSV D/S Drain Point	Flange	0.4	0.8	100	0.000002	8760	0.0169646
598	21.06.2025	Jetty CTMS MS - R	Vapour Elminator Vent Point	Flange	0.0	0.8	100	0.000000	8760	0
599	21.06.2025	Jetty CTMS MS - R	Vapour Elminator HOV -1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
600	21.06.2025	Jetty CTMS MS - R	Vapour Elminator HOV -1 down Stream	Flange	0.0	0.8	100	0.000000	8760	0
601	21.06.2025	Jetty CTMS MS - R	Vapour Elminator HOV -2 Up Stream	Flange	0.2	0.8	100	0.000001	8760	0.0104212
602	21.06.2025	Jetty CTMS MS - R	Vapour Elminator HOV -2 down Stream	Flange	0.0	0.8	100	0.000000	8760	0
603	21.06.2025	Jetty CTMS MS - R	CTMS U/S Ringspacer	Flange	0.7	0.8	100	0.000003	8760	0.0251419
604	21.06.2025	Jetty CTMS MS - R	Firest Loop Pump U/S HOV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
605	21.06.2025	Jetty CTMS MS - R	Firest Loop Pump U/S HOV Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
606	21.06.2025	Jetty CTMS MS - R	Firest Loop Pump U/S Drain Point HOV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
607	21.06.2025	Jetty CTMS MS - R	Firest Loop Pump U/S Drain Point HOV Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
608	21.06.2025	Jetty CTMS MS - R	Firest Loop Pump Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
609	21.06.2025	Jetty CTMS MS - R	Firest Loop Pump Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
610	21.06.2025	Jetty CTMS MS - R	Flowmeter Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
611	21.06.2025	Jetty CTMS MS - R	Flowmeter Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
612	21.06.2025	Jetty CTMS MS - R	Firest Loop Pump Discharge PT HOV Up Stream	Flange	0.2	0.8	100	0.000001	8760	0.0104212
613	21.06.2025	Jetty CTMS MS - R	Firest Loop Pump Discharge PT HOV Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
614	21.06.2025	Jetty CTMS MS - R	Firest Loop Pump Discharge TT HOV	Flange	0.0	0.8	100	0.000000	8760	0
615	21.06.2025	Jetty CTMS MS - R	Firest Loop Pump D/S Drain Point HOV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
616	21.06.2025	Jetty CTMS MS - R	Firest Loop Pump D/S Drain Point HOV Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
617	21.06.2025	Jetty CTMS MS - R	Densitometer - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
618	21.06.2025	Jetty CTMS MS - R	Densitometer - 1 Down Stream	Flange	0.2	0.8	100	0.000001	8760	0.0104212
619	21.06.2025	Jetty CTMS MS - R	Densitometer - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
620	21.06.2025	Jetty CTMS MS - R	Densitometer - 2 Down Stream	Flange	0.2	0.8	100	0.000001	8760	0.0104212
621	21.06.2025	Jetty CTMS MS - R	Densitometer U/S HOV - 1 Up Stream	Flange	0.2	0.8	100	0.000001	8760	0.0104212
622	21.06.2025	Jetty CTMS MS - R	Densitometer U/S HOV - 1 Down Stream	Flange	0.1	0.8	100	0.000001	8760	0.0064017
623	21.06.2025	Jetty CTMS MS - R	Densitometer U/S HOV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
624	21.06.2025	Jetty CTMS MS - R	Densitometer U/S HOV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0

625	21.06.2025	Jetty CTMS MS - R	Densitometer D/S HOV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
626	21.06.2025	Jetty CTMS MS - R	Densitometer D/S HOV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
627	21.06.2025	Jetty CTMS MS - R	Densitometer D/S HOV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
628	21.06.2025	Jetty CTMS MS - R	Densitometer D/S HOV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
629	21.06.2025	Jetty CTMS MS - R	Densitometer D/S HPV	Flange	0.0	0.8	100	0.000000	8760	0
630	21.06.2025	Jetty CTMS MS - R	Sampler HOV - 1 Up Stream	Flange	0.2	0.8	100	0.000001	8760	0.0104212
631	21.06.2025	Jetty CTMS MS - R	Sampler HOV - 1 Down Stream	Flange	0.1	0.8	100	0.000001	8760	0.0064017
632	21.06.2025	Jetty CTMS MS - R	Sampler HOV - 2 Up Stream	Flange	0.1	0.8	100	0.000001	8760	0.0064017
633	21.06.2025	Jetty CTMS MS - R	Sampler HOV - 2 Down Stream	Flange	0.2	0.8	100	0.000001	8760	0.0104212
634	21.06.2025	Jetty CTMS MS - R	Globe Valve Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
635	21.06.2025	Jetty CTMS MS - R	Globe Valve Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
636	21.06.2025	Jetty CTMS MS - R	Firest Loop Pump D/S HOV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
637	21.06.2025	Jetty CTMS MS - R	Firest Loop Pump D/S HOV Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
638	21.06.2025	Jetty CTMS MS - R	Header Drain HOV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
639	21.06.2025	Jetty CTMS MS - R	Header Drain HOV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
640	21.06.2025	Jetty CTMS MS - R	Header Drain HOV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
641	21.06.2025	Jetty CTMS MS - R	Header Drain HOV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
642	21.06.2025	Jetty CTMS MS - R	Stream 1 HOV - 1 Up Stream	Flange	0.1	0.8	100	0.000001	8760	0.0064017
643	21.06.2025	Jetty CTMS MS - R	Stream 1 HOV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
644	21.06.2025	Jetty CTMS MS - R	Stream 1 HOV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
645	21.06.2025	Jetty CTMS MS - R	Stream 1 HOV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
646	21.06.2025	Jetty CTMS MS - R	Stream 1 HOV - 3 Up Stream	Flange	2.1	0.8	100	0.000006	8760	0.0544271
647	21.06.2025	Jetty CTMS MS - R	Stream 1 HOV - 3 Down Stream	Flange	1.9	0.8	100	0.000006	8760	0.0507293
648	21.06.2025	Jetty CTMS MS - R	Stream 2 HOV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
649	21.06.2025	Jetty CTMS MS - R	Stream 2 HOV - 1 Down Stream	Flange	0.1	0.8	100	0.000001	8760	0.0064017
650	21.06.2025	Jetty CTMS MS - R	Stream 2 HOV - 2 Up Stream	Flange	0.1	0.8	100	0.000001	8760	0.0064017
651	21.06.2025	Jetty CTMS MS - R	Stream 2 HOV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
652	21.06.2025	Jetty CTMS MS - R	Stream 2 HOV - 3 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
653	21.06.2025	Jetty CTMS MS - R	Stream 2 HOV - 3 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
654	21.06.2025	Jetty CTMS MS - R	Stream 3 HOV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
655	21.06.2025	Jetty CTMS MS - R	Stream 3 HOV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
656	21.06.2025	Jetty CTMS MS - R	Stream 3 HOV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
657	21.06.2025	Jetty CTMS MS - R	Stream 3 HOV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
658	21.06.2025	Jetty CTMS MS - R	Stream 3 HOV - 3 Up Stream	Flange	0.2	0.8	100	0.000001	8760	0.0104212
659	21.06.2025	Jetty CTMS MS - R	Stream 3 HOV - 3 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
660	21.06.2025	Jetty CTMS MS - R	Stream 4 HOV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
661	21.06.2025	Jetty CTMS MS - R	Stream 4 HOV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
662	21.06.2025	Jetty CTMS MS - R	Stream 4 HOV - 2 Up Stream	Flange	0.1	0.8	100	0.000001	8760	0.0064017
663	21.06.2025	Jetty CTMS MS - R	Stream 4 HOV - 2 Down Stream	Flange	0.1	0.8	100	0.000001	8760	0.0064017
664	21.06.2025	Jetty CTMS MS - R	Stream 4 HOV - 3 Up Stream	Flange	0.1	0.8	100	0.000001	8760	0.0064017
665	21.06.2025	Jetty CTMS MS - R	Stream 4 HOV - 3 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
666	21.06.2025	Jetty CTMS MS - R	Back Filter- 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
667	21.06.2025	Jetty CTMS MS - R	Back Filter - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
668	21.06.2025	Jetty CTMS MS - R	Back Filter - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
669	21.06.2025	Jetty CTMS MS - R	Back Filter - 2 Down Stream	Flange	0.3	0.8	100	0.000002	8760	0.0138583
670	21.06.2025	Jetty CTMS MS - R	Back Filter - 3 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
671	21.06.2025	Jetty CTMS MS - R	Back Filter - 3 Down Stream	Flange	0.1	0.8	100	0.000001	8760	0.0064017
672	21.06.2025	Jetty CTMS MS - R	Back Filter - 4 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
673	21.06.2025	Jetty CTMS MS - R	Back Filter - 4 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
674	21.06.2025	Jetty CTMS MS - R	Back Filter Drain HOV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
675	21.06.2025	Jetty CTMS MS - R	Back Filter Drain HOV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
676	21.06.2025	Jetty CTMS MS - R	Back Filter Drain HOV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
677	21.06.2025	Jetty CTMS MS - R	Back Filter Drain HOV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
678	21.06.2025	Jetty CTMS MS - R	Back Filter Drain HOV - 3 Up Stream	Flange	3.9	0.8	100	0.000010	8760	0.0841034
679	21.06.2025	Jetty CTMS MS - R	Back Filter Drain HOV - 3 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
680	21.06.2025	Jetty CTMS MS - R	Back Filter Drain HOV - 4 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
681	21.06.2025	Jetty CTMS MS - R	Back Filter Drain HOV - 4 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
682	21.06.2025	Jetty CTMS MS - R	Back Filter Drain HOV - 5 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
683	21.06.2025	Jetty CTMS MS - R	Back Filter Drain HOV - 5 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
684	21.06.2025	Jetty CTMS MS - R	Back Filter Drain HOV - 6 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
685	21.06.2025	Jetty CTMS MS - R	Back Filter Drain HOV - 6 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0

686	21.06.2025	Jetty CTMS MS - R	Back Filter Drain HOV - 7 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
687	21.06.2025	Jetty CTMS MS - R	Back Filter Drain HOV - 7 Down Stream	Flange	0.1	0.8	100	0.000001	8760	0.0064017
688	21.06.2025	Jetty CTMS MS - R	Back Filter Drain HOV - 8 Up Stream	Flange	0.1	0.8	100	0.000001	8760	0.0064017
689	21.06.2025	Jetty CTMS MS - R	Back Filter Drain HOV - 8 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
690	21.06.2025	Jetty CTMS MS - R	Stream 1 MOV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
691	21.06.2025	Jetty CTMS MS - R	Stream 1 MOV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
692	21.06.2025	Jetty CTMS MS - R	Stream 2 MOV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
693	21.06.2025	Jetty CTMS MS - R	Stream 2 MOV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
694	21.06.2025	Jetty CTMS MS - R	Stream 2 MOV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
695	21.06.2025	Jetty CTMS MS - R	Stream 2 MOV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
696	21.06.2025	Jetty CTMS MS - R	Stream 3 MOV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
697	21.06.2025	Jetty CTMS MS - R	Stream 3 MOV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
698	21.06.2025	Jetty CTMS MS - R	Stream 3 MOV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
699	21.06.2025	Jetty CTMS MS - R	Stream 3 MOV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
700	21.06.2025	Jetty CTMS MS - R	Stream 4 MOV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
701	21.06.2025	Jetty CTMS MS - R	Stream 4 MOV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
702	21.06.2025	Jetty CTMS MS - R	Stream 4 MOV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
703	21.06.2025	Jetty CTMS MS - R	Stream 4 MOV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
704	21.06.2025	Jetty CTMS MS - R	Stream 1 FCV - 1 Up Stream	Flange	0.3	0.8	100	0.000002	8760	0.0138583
705	21.06.2025	Jetty CTMS MS - R	Stream 1 FCV - 1 Down Stream	Flange	0.1	0.8	100	0.000001	8760	0.0064017
706	21.06.2025	Jetty CTMS MS - R	Stream 2 FCV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
707	21.06.2025	Jetty CTMS MS - R	Stream 2 FCV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
708	21.06.2025	Jetty CTMS MS - R	Stream 2 FCV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
709	21.06.2025	Jetty CTMS MS - R	Stream 2 FCV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
710	21.06.2025	Jetty CTMS MS - R	Stream 3 FCV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
711	21.06.2025	Jetty CTMS MS - R	Stream 3 FCV - 1 Down Stream	Flange	0.1	0.8	100	0.000001	8760	0.0064017
712	21.06.2025	Jetty CTMS MS - R	Stream 3 FCV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
713	21.06.2025	Jetty CTMS MS - R	Stream 3 FCV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
714	21.06.2025	Jetty CTMS MS - R	Stream 4 FCV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
715	21.06.2025	Jetty CTMS MS - R	Stream 4 FCV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
716	21.06.2025	Jetty CTMS MS - R	Stream 4 FCV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
717	21.06.2025	Jetty CTMS MS - R	Stream 4 FCV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
718	21.06.2025	Jetty CTMS MS - R	DGP HOV - 1 Up Stream	Flange	0.1	0.8	100	0.000001	8760	0.0064017
719	21.06.2025	Jetty CTMS MS - R	DGP HOV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
720	21.06.2025	Jetty CTMS MS - R	DGP HOV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
721	21.06.2025	Jetty CTMS MS - R	DGP HOV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
722	21.06.2025	Jetty CTMS MS - R	DGP HOV - 3 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
723	21.06.2025	Jetty CTMS MS - R	DGP HOV - 3 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
724	21.06.2025	Jetty CTMS MS - R	DGP HOV - 4 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
725	21.06.2025	Jetty CTMS MS - R	DGP HOV - 4 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
726	21.06.2025	Jetty CTMS MS - R	DGP HOV - 5 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
727	21.06.2025	Jetty CTMS MS - R	DGP HOV - 5 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
728	21.06.2025	Jetty CTMS MS - R	DGP HOV - 6 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
729	21.06.2025	Jetty CTMS MS - R	DGP HOV - 6 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
730	21.06.2025	Jetty CTMS MS - R	DGP HOV - 7 Up Stream	Flange	0.2	0.8	100	0.000001	8760	0.0104212
731	21.06.2025	Jetty CTMS MS - R	DGP HOV - 7 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
732	21.06.2025	Jetty CTMS MS - R	DGP HOV - 8 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
733	21.06.2025	Jetty CTMS MS - R	DGP HOV - 8 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
734	21.06.2025	Jetty CTMS MS - R	PSV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
735	21.06.2025	Jetty CTMS MS - R	PSV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
736	21.06.2025	Jetty CTMS MS - R	PSV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
737	21.06.2025	Jetty CTMS MS - R	PSV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
738	21.06.2025	Jetty CTMS MS - R	PSV - 3 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
739	21.06.2025	Jetty CTMS MS - R	PSV - 3 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
740	21.06.2025	Jetty CTMS MS - R	PSV - 4 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
741	21.06.2025	Jetty CTMS MS - R	PSV - 4 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
742	21.06.2025	Jetty CTMS MS - R	PSV U/S HOV - 1 Up Stream	Flange	0.1	0.8	100	0.000001	8760	0.0064017
743	21.06.2025	Jetty CTMS MS - R	PSV U/S HOV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
744	21.06.2025	Jetty CTMS MS - R	PSV U/S HOV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
745	21.06.2025	Jetty CTMS MS - R	PSV U/S HOV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
746	21.06.2025	Jetty CTMS MS - R	PSV U/S HOV - 3 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
747	21.06.2025	Jetty CTMS MS - R	PSV U/S HOV - 3 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
748	21.06.2025	Jetty CTMS MS - R	PSV U/S HOV - 4 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
749	21.06.2025	Jetty CTMS MS - R	PSV U/S HOV - 4 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
750	21.06.2025	Jetty CTMS MS - R	PSV D/S HOV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
751	21.06.2025	Jetty CTMS MS - R	PSV D/S HOV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
752	21.06.2025	Jetty CTMS MS - R	PSV D/S HOV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
753	21.06.2025	Jetty CTMS MS - R	PSV D/S HOV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
754	21.06.2025	Jetty CTMS MS - R	PSV D/S HOV - 3 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
755	21.06.2025	Jetty CTMS MS - R	PSV D/S HOV - 3 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
756	21.06.2025	Jetty CTMS MS - R	PSV D/S HOV - 4 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
757	21.06.2025	Jetty CTMS MS - R	PSV D/S HOV - 4 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0

758	21.06.2025	Jetty CTMS MS - R	Stream 1 Flowmeter - 1	Flange	0.7	0.8	100	0.000003	8760	0.0251419
759	21.06.2025	Jetty CTMS MS - R	Stream 1 Flowmeter - 2	Flange	0.0	0.8	100	0.000000	8760	0
760	21.06.2025	Jetty CTMS MS - R	Stream 1 Flowmeter - 3	Flange	0.0	0.8	100	0.000000	8760	0
761	21.06.2025	Jetty CTMS MS - R	Stream 1 Flowmeter - 4	Flange	0.0	0.8	100	0.000000	8760	0
762	21.06.2025	Jetty CTMS MS - R	Stream 1 Flowmeter - 5	Flange	0.0	0.8	100	0.000000	8760	0
763	21.06.2025	Jetty CTMS MS - R	Stream 1 Flowmeter - 6	Flange	0.0	0.8	100	0.000000	8760	0
764	21.06.2025	Jetty CTMS MS - R	Stream 1 Flowmeter - 7	Flange	0.0	0.8	100	0.000000	8760	0
765	21.06.2025	Jetty CTMS MS - R	Stream 1 Flowmeter - 8	Flange	0.0	0.8	100	0.000000	8760	0
766	21.06.2025	Jetty CTMS MS - R	Stream 1 Flowmeter - 9	Flange	0.0	0.8	100	0.000000	8760	0
767	21.06.2025	Jetty CTMS MS - R	Stream 1 Flowmeter - 10	Flange	0.9	0.8	100	0.000003	8760	0.0300004
768	21.06.2025	Jetty CTMS MS - R	Stream 2 Flowmeter - 1	Flange	0.0	0.8	100	0.000000	8760	0
769	21.06.2025	Jetty CTMS MS - R	Stream 2 Flowmeter - 2	Flange	0.0	0.8	100	0.000000	8760	0
770	21.06.2025	Jetty CTMS MS - R	Stream 2 Flowmeter - 3	Flange	0.0	0.8	100	0.000000	8760	0
771	21.06.2025	Jetty CTMS MS - R	Stream 2 Flowmeter - 4	Flange	0.0	0.8	100	0.000000	8760	0
772	21.06.2025	Jetty CTMS MS - R	Stream 2 Flowmeter - 5	Flange	0.0	0.8	100	0.000000	8760	0
773	21.06.2025	Jetty CTMS MS - R	Stream 2 Flowmeter - 6	Flange	0.0	0.8	100	0.000000	8760	0
774	21.06.2025	Jetty CTMS MS - R	Stream 2 Flowmeter - 7	Flange	0.1	0.8	100	0.000001	8760	0.0064017
775	21.06.2025	Jetty CTMS MS - R	Stream 2 Flowmeter - 8	Flange	0.0	0.8	100	0.000000	8760	0
776	21.06.2025	Jetty CTMS MS - R	Stream 2 Flowmeter - 9	Flange	0.1	0.8	100	0.000001	8760	0.0064017
777	21.06.2025	Jetty CTMS MS - R	Stream 2 Flowmeter - 10	Flange	0.0	0.8	100	0.000000	8760	0
778	21.06.2025	Jetty CTMS MS - R	Stream 3 Flowmeter - 1	Flange	0.1	0.8	100	0.000001	8760	0.0064017
779	21.06.2025	Jetty CTMS MS - R	Stream 3 Flowmeter - 2	Flange	0.1	0.8	100	0.000001	8760	0.0064017
780	21.06.2025	Jetty CTMS MS - R	Stream 3 Flowmeter - 3	Flange	0.1	0.8	100	0.000001	8760	0.0064017
781	21.06.2025	Jetty CTMS MS - R	Stream 3 Flowmeter - 4	Flange	0.0	0.8	100	0.000000	8760	0
782	21.06.2025	Jetty CTMS MS - R	Stream 3 Flowmeter - 5	Flange	0.0	0.8	100	0.000000	8760	0
783	21.06.2025	Jetty CTMS MS - R	Stream 3 Flowmeter - 6	Flange	0.0	0.8	100	0.000000	8760	0
784	21.06.2025	Jetty CTMS MS - R	Stream 3 Flowmeter - 7	Flange	0.0	0.8	100	0.000000	8760	0
785	21.06.2025	Jetty CTMS MS - R	Stream 3 Flowmeter - 8	Flange	0.0	0.8	100	0.000000	8760	0
786	21.06.2025	Jetty CTMS MS - R	Stream 3 Flowmeter - 9	Flange	0.1	0.8	100	0.000001	8760	0.0064017
787	21.06.2025	Jetty CTMS MS - R	Stream 3 Flowmeter - 10	Flange	0.2	0.8	100	0.000001	8760	0.0104212
788	21.06.2025	Jetty CTMS MS - R	Stream 4 Flowmeter - 1	Flange	0.0	0.8	100	0.000000	8760	0
789	21.06.2025	Jetty CTMS MS - R	Stream 4 Flowmeter - 2	Flange	0.1	0.8	100	0.000001	8760	0.0064017
790	21.06.2025	Jetty CTMS MS - R	Stream 4 Flowmeter - 3	Flange	0.0	0.8	100	0.000000	8760	0
791	21.06.2025	Jetty CTMS MS - R	Stream 4 Flowmeter - 4	Flange	0.0	0.8	100	0.000000	8760	0
792	21.06.2025	Jetty CTMS MS - R	Stream 4 Flowmeter - 5	Flange	0.0	0.8	100	0.000000	8760	0
793	21.06.2025	Jetty CTMS MS - R	Stream 4 Flowmeter - 6	Flange	0.0	0.8	100	0.000000	8760	0
794	21.06.2025	Jetty CTMS MS - R	Stream 4 Flowmeter - 7	Flange	0.2	0.8	100	0.000001	8760	0.0104212
795	21.06.2025	Jetty CTMS MS - R	Stream 4 Flowmeter - 8	Flange	0.1	0.8	100	0.000001	8760	0.0064017
796	21.06.2025	Jetty CTMS MS - R	Stream 4 Flowmeter - 9	Flange	0.0	0.8	100	0.000000	8760	0
797	21.06.2025	Jetty CTMS MS - R	Stream 4 Flowmeter - 10	Flange	0.0	0.8	100	0.000000	8760	0
798	21.06.2025	Jetty CTMS MS - R	CTMS U/S Ringspacer	Flange	0.1	0.8	100	0.000001	8760	0.0064017
799	21.06.2025	Jetty CTMS MS - R	PCV U/S HOV Up Stream	Flange	0.1	0.8	100	0.000001	8760	0.0064017
800	21.06.2025	Jetty CTMS MS - R	PCV U/S HOV Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
801	21.06.2025	Jetty CTMS MS - R	PCV D/S HOV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
802	21.06.2025	Jetty CTMS MS - R	PCV D/S HOV Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
803	21.06.2025	Jetty CTMS MS - R	PCV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
804	21.06.2025	Jetty CTMS MS - R	PCV Down Stream	Flange	0.1	0.8	100	0.000001	8760	0.0064017
805	21.06.2025	Jetty CTMS MS - R	PCV U/S LPD	Flange	0.0	0.8	100	0.000000	8760	0
806	21.06.2025	Jetty CTMS MS - R	PCV D/S LPD	Flange	0.3	0.8	100	0.000002	8760	0.0138583
807	21.06.2025	Jetty CTMS MS - R	PCV U/S PT	Flange	0.1	0.8	100	0.000001	8760	0.0064017
808	21.06.2025	Jetty CTMS MS - R	PCV D/S PT	Flange	0.0	0.8	100	0.000000	8760	0
809	21.06.2025	Jetty CTMS MS - R	PCV D/S PSV	Flange	0.0	0.8	100	0.000000	8760	0
810	21.06.2025	Jetty CTMS MS - R	PSV U/S & D/S HOV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
811	21.06.2025	Jetty CTMS MS - R	PSV U/S & D/S HOV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
812	21.06.2025	Jetty CTMS MS - R	PSV U/S & D/S HOV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
813	21.06.2025	Jetty CTMS MS - R	PSV U/S & D/S HOV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
814	21.06.2025	Jetty CTMS MS - R	PSV U/S & D/S LPD Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
815	21.06.2025	Jetty CTMS MS - R	PSV U/S & D/S LPD Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
816	21.06.2025	Jetty CTMS MS - R	CTMS D/S HPV	Flange	0.1	0.8	100	0.000001	8760	0.0064017
817	21.06.2025	Jetty CTMS MS - R	Prover U/S & D/S Spool Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
818	21.06.2025	Jetty CTMS MS - R	Prover U/S & D/S Spool Down Stream	Flange	0.3	0.8	100	0.000002	8760	0.0138583
819	21.06.2025	Jetty CTMS MS - R	Prover Inlet & Outlet Hov -1 Up Stream	Flange	0.2	0.8	100	0.000001	8760	0.0104212
820	21.06.2025	Jetty CTMS MS - R	Prover Inlet & Outlet Hov -1 Down Stream	Flange	0.5	0.8	100	0.000002	8760	0.0198459
821	21.06.2025	Jetty CTMS MS - R	Prover Inlet & Outlet Hov -2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
822	21.06.2025	Jetty CTMS MS - R	Prover Inlet & Outlet Hov -2 Down Stream	Flange	0.1	0.8	100	0.000001	8760	0.0064017
823	21.06.2025	Jetty CTMS MS - R	Prover Spool Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
824	21.06.2025	Jetty CTMS MS - R	Prover Spool Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
825	21.06.2025	Jetty CTMS MS - R	Prover PT HOV Up Stream	Flange	0.1	0.8	100	0.000001	8760	0.0064017
826	21.06.2025	Jetty CTMS MS - R	Prover PT HOV Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
827	21.06.2025	Jetty CTMS MS - R	Prover Spare Connection Up Stream	Flange	0.1	0.8	100	0.000001	8760	0.0064017

828	21.06.2025	Jetty CTMS MS - R	Prover Spare Connection Down Stream	Flange	0.1	0.8	100	0.000001	8760	0.0064017
829	21.06.2025	Jetty CTMS MS - R	Prover PSV	Flange	0.0	0.8	100	0.000000	8760	0
830	21.06.2025	Jetty CTMS MS - R	Prover Vent Hov - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
831	21.06.2025	Jetty CTMS MS - R	Prover Vent Hov - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
832	21.06.2025	Jetty CTMS MS - R	Prover Vent Hov - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
833	21.06.2025	Jetty CTMS MS - R	Prover Vent Hov - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
834	21.06.2025	Jetty CTMS MS - R	Prover LPD	Flange	0.0	0.8	100	0.000000	8760	0
835	21.06.2025	Jetty CTMS MS - R	Prover LPD UP Stream	Flange	0.2	0.8	100	0.000001	8760	0.0104212
836	21.06.2025	Jetty CTMS MS - R	Prover LPD Down Stream	Flange	0.2	0.8	100	0.000001	8760	0.0104212
837	21.06.2025	Jetty CTMS MS - R	Drain Hov -1 UP Stream	Flange	0.1	0.8	100	0.000001	8760	0.0064017
838	21.06.2025	Jetty CTMS MS - R	Drain Hov -1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
839	21.06.2025	Jetty CTMS MS - R	Drain Hov -2 UP Stream	Flange	0.0	0.8	100	0.000000	8760	0
840	21.06.2025	Jetty CTMS MS - R	Drain Hov -2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
841	21.06.2025	Jetty CTMS MS - R	Drain Hov -3 UP Stream	Flange	0.0	0.8	100	0.000000	8760	0
842	21.06.2025	Jetty CTMS MS - R	Drain Hov -3 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
843	21.06.2025	Jetty CTMS MS - R	Drain Hov -4 UP Stream	Flange	0.0	0.8	100	0.000000	8760	0
844	21.06.2025	Jetty CTMS MS - R	Drain Hov -4 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
845	21.06.2025	Jetty CTMS MS - R	Drain Hov -5 UP Stream	Flange	0.0	0.8	100	0.000000	8760	0
846	21.06.2025	Jetty CTMS MS - R	Drain Hov -5 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
847	21.06.2025	Jetty CTMS MS - R	Drain Hov -6 UP Stream	Flange	0.0	0.8	100	0.000000	8760	0
848	21.06.2025	Jetty CTMS MS - R	Drain Hov -6 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
849	21.06.2025	Jetty CTMS MS - R	CBD Line HOV Up Stream	Flange	4.1	0.8	100	0.000010	8760	0.0871128
850	21.06.2025	Jetty CTMS MS - R	CBD Line HOV Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
851	21.06.2025	Jetty CTMS MS - R	CBD Line End Flange	Flange	0.2	0.8	100	0.000001	8760	0.0104212
852	21.06.2025	Jetty CTMS MS - R	CBD Line NRV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
853	21.06.2025	Jetty CTMS MS - R	CBD Line NRV Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
854	21.06.2025	Jetty CTMS MS - P	Vapour Elminator HPV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
855	21.06.2025	Jetty CTMS MS - P	Vapour Elminator HPV Down Stream	Flange	0.2	0.8	100	0.000001	8760	0.0104212
856	21.06.2025	Jetty CTMS MS - P	Main Line PSV	Flange	0.3	0.8	100	0.000002	8760	0.0138583
857	21.06.2025	Jetty CTMS MS - P	Main Line PSV U/S Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
858	21.06.2025	Jetty CTMS MS - P	Main Line PSV U/S Down Stream	Flange	0.1	0.8	100	0.000001	8760	0.0064017
859	21.06.2025	Jetty CTMS MS - P	Main Line PSV D/S Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
860	21.06.2025	Jetty CTMS MS - P	Main Line PSV D/S Down Stream	Flange	0.1	0.8	100	0.000001	8760	0.0064017
861	21.06.2025	Jetty CTMS MS - P	Main Line PSV U/S Drain Point	Flange	0.5	0.8	100	0.000002	8760	0.0198459
862	21.06.2025	Jetty CTMS MS - P	Main Line PSV D/S Drain Point	Flange	0.0	0.8	100	0.000000	8760	0
863	21.06.2025	Jetty CTMS MS - P	Vapour Elminator Inlet	Flange	0.0	0.8	100	0.000000	8760	0
864	21.06.2025	Jetty CTMS MS - P	Vapour Elminator Outlet	Flange	0.0	0.8	100	0.000000	8760	0
865	21.06.2025	Jetty CTMS MS - P	Vapour Elminator Manhole	Flange	0.0	0.8	100	0.000000	8760	0
866	21.06.2025	Jetty CTMS MS - P	Vapour Elminator Drain Point HOV	Flange	0.0	0.8	100	0.000000	8760	0
867	21.06.2025	Jetty CTMS MS - P	Vapour Elminator PSV	Flange	0.1	0.8	100	0.000001	8760	0.0064017
868	21.06.2025	Jetty CTMS MS - P	Vapour Eliminator PSV U/S HOV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
869	21.06.2025	Jetty CTMS MS - P	Vapour Eliminator PSV U/S HOVDown Stream	Flange	0.0	0.8	100	0.000000	8760	0
870	21.06.2025	Jetty CTMS MS - P	Vapour Eliminator PSV D/S HOV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
871	21.06.2025	Jetty CTMS MS - P	Vapour Eliminator PSV D/S HOVDown Stream	Flange	0.3	0.8	100	0.000002	8760	0.0138583
872	21.06.2025	Jetty CTMS MS - P	Vapour Elminator PSV U/S Drain Point	Flange	0.3	0.8	100	0.000002	8760	0.0138583
873	21.06.2025	Jetty CTMS MS - P	Vapour Elminator PSV D/S Drain Point	Flange	0.3	0.8	100	0.000002	8760	0.0138583
874	21.06.2025	Jetty CTMS MS - P	Vapour Elminator Vent Point	Flange	0.2	0.8	100	0.000001	8760	0.0104212
875	21.06.2025	Jetty CTMS MS - P	Vapour Elminator HOV -1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
876	21.06.2025	Jetty CTMS MS - P	Vapour Elminator HOV -1 down Stream	Flange	0.0	0.8	100	0.000000	8760	0
877	21.06.2025	Jetty CTMS MS - P	Vapour Elminator HOV -2 Up Stream	Flange	0.3	0.8	100	0.000002	8760	0.0138583
878	21.06.2025	Jetty CTMS MS - P	Vapour Elminator HOV -2 down Stream	Flange	0.3	0.8	100	0.000002	8760	0.0138583
879	21.06.2025	Jetty CTMS MS - P	CTMS U/S Ringspacer	Flange	0.2	0.8	100	0.000001	8760	0.0104212
880	21.06.2025	Jetty CTMS MS - P	Firest Loop Pump U/S HOV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
881	21.06.2025	Jetty CTMS MS - P	Firest Loop Pump U/S HOV Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
882	21.06.2025	Jetty CTMS MS - P	Firest Loop Pump U/S Drain Point HOV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
883	21.06.2025	Jetty CTMS MS - P	Firest Loop Pump U/S Drain Point HOV Down Stream	Flange	0.3	0.8	100	0.000002	8760	0.0138583
884	21.06.2025	Jetty CTMS MS - P	Firest Loop Pump Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
885	21.06.2025	Jetty CTMS MS - P	Firest Loop Pump Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
886	21.06.2025	Jetty CTMS MS - P	Flowmeter Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
887	21.06.2025	Jetty CTMS MS - P	Flowmeter Down Stream	Flange	0.0	0.8	100	0.000000	8760	0

888	21.06.2025	Jetty CTMS MS - P	Firest Loop Pump Discharge PT HOV Up Stream	Flange	1.2	0.8	100	0.000004	8760	0.0367248
889	21.06.2025	Jetty CTMS MS - P	Firest Loop Pump Discharge PT HOV Down Stream	Flange	0.9	0.8	100	0.000003	8760	0.0300004
890	21.06.2025	Jetty CTMS MS - P	Firest Loop Pump Discharge TT HOV	Flange	0.8	0.8	100	0.000003	8760	0.0276164
891	21.06.2025	Jetty CTMS MS - P	Firest Loop Pump D/S Drain Point HOV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
892	21.06.2025	Jetty CTMS MS - P	Firest Loop Pump D/S Drain Point HOV Down Stream	Flange	0.1	0.8	100	0.000001	8760	0.0064017
893	21.06.2025	Jetty CTMS MS - P	Densitometer - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
894	21.06.2025	Jetty CTMS MS - P	Densitometer - 1 Down Stream	Flange	0.3	0.8	100	0.000002	8760	0.0138583
895	21.06.2025	Jetty CTMS MS - P	Densitometer - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
896	21.06.2025	Jetty CTMS MS - P	Densitometer - 2 Down Stream	Flange	0.2	0.8	100	0.000001	8760	0.0104212
897	21.06.2025	Jetty CTMS MS - P	Densitometer U/S HOV - 1 Up Stream	Flange	0.1	0.8	100	0.000001	8760	0.0064017
898	21.06.2025	Jetty CTMS MS - P	Densitometer U/S HOV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
899	21.06.2025	Jetty CTMS MS - P	Densitometer U/S HOV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
900	21.06.2025	Jetty CTMS MS - P	Densitometer U/S HOV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
901	21.06.2025	Jetty CTMS MS - P	Densitometer D/S HOV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
902	21.06.2025	Jetty CTMS MS - P	Densitometer D/S HOV - 1 Down Stream	Flange	0.4	0.8	100	0.000002	8760	0.0169646
903	21.06.2025	Jetty CTMS MS - P	Densitometer D/S HOV - 2 Up Stream	Flange	0.6	0.8	100	0.000003	8760	0.0225598
904	21.06.2025	Jetty CTMS MS - P	Densitometer D/S HOV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
905	21.06.2025	Jetty CTMS MS - P	Densitometer D/S HPV	Flange	0.3	0.8	100	0.000002	8760	0.0138583
906	21.06.2025	Jetty CTMS MS - P	Sampler HOV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
907	21.06.2025	Jetty CTMS MS - P	Sampler HOV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
908	21.06.2025	Jetty CTMS MS - P	Sampler HOV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
909	21.06.2025	Jetty CTMS MS - P	Sampler HOV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
910	21.06.2025	Jetty CTMS MS - P	Globe Valve Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
911	21.06.2025	Jetty CTMS MS - P	Globe Valve Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
912	21.06.2025	Jetty CTMS MS - P	Firest Loop Pump D/S HOV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
913	21.06.2025	Jetty CTMS MS - P	Firest Loop Pump D/S HOV Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
914	21.06.2025	Jetty CTMS MS - P	Header Drain HOV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
915	21.06.2025	Jetty CTMS MS - P	Header Drain HOV - 1 Down Stream	Flange	0.4	0.8	100	0.000002	8760	0.0169646
916	21.06.2025	Jetty CTMS MS - P	Header Drain HOV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
917	21.06.2025	Jetty CTMS MS - P	Header Drain HOV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
918	21.06.2025	Jetty CTMS MS - P	Stream 1 HOV - 1 Up Stream	Flange	0.2	0.8	100	0.000001	8760	0.0104212
919	21.06.2025	Jetty CTMS MS - P	Stream 1 HOV - 1 Down Stream	Flange	0.9	0.8	100	0.000003	8760	0.0300004
920	21.06.2025	Jetty CTMS MS - P	Stream 1 HOV - 2 Up Stream	Flange	1.4	0.8	100	0.000005	8760	0.0409282
921	21.06.2025	Jetty CTMS MS - P	Stream 1 HOV - 2 Down Stream	Flange	0.5	0.8	100	0.000002	8760	0.0198459
922	21.06.2025	Jetty CTMS MS - P	Stream 1 HOV - 3 Up Stream	Flange	0.2	0.8	100	0.000001	8760	0.0104212
923	21.06.2025	Jetty CTMS MS - P	Stream 1 HOV - 3 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
924	21.06.2025	Jetty CTMS MS - P	Stream 2 HOV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
925	21.06.2025	Jetty CTMS MS - P	Stream 2 HOV - 1 Down Stream	Flange	1.4	0.8	100	0.000005	8760	0.0409282
926	21.06.2025	Jetty CTMS MS - P	Stream 2 HOV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
927	21.06.2025	Jetty CTMS MS - P	Stream 2 HOV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
928	21.06.2025	Jetty CTMS MS - P	Stream 2 HOV - 3 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
929	21.06.2025	Jetty CTMS MS - P	Stream 2 HOV - 3 Down Stream	Flange	2.1	0.8	100	0.000006	8760	0.0544271
930	21.06.2025	Jetty CTMS MS - P	Stream 3 HOV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
931	21.06.2025	Jetty CTMS MS - P	Stream 3 HOV - 1 Down Stream	Flange	1.1	0.8	100	0.000004	8760	0.0345457
932	21.06.2025	Jetty CTMS MS - P	Stream 3 HOV - 2 Up Stream	Flange	0.1	0.8	100	0.000001	8760	0.0064017
933	21.06.2025	Jetty CTMS MS - P	Stream 3 HOV - 2 Down Stream	Flange	0.5	0.8	100	0.000002	8760	0.0198459
934	21.06.2025	Jetty CTMS MS - P	Stream 3 HOV - 3 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
935	21.06.2025	Jetty CTMS MS - P	Stream 3 HOV - 3 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
936	21.06.2025	Jetty CTMS MS - P	Stream 4 HOV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
937	21.06.2025	Jetty CTMS MS - P	Stream 4 HOV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
938	21.06.2025	Jetty CTMS MS - P	Stream 4 HOV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
939	21.06.2025	Jetty CTMS MS - P	Stream 4 HOV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
940	21.06.2025	Jetty CTMS MS - P	Stream 4 HOV - 3 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
941	21.06.2025	Jetty CTMS MS - P	Stream 4 HOV - 3 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
942	21.06.2025	Jetty CTMS MS - P	Back Filter- 1 Up Stream	Flange	0.2	0.8	100	0.000001	8760	0.0104212
943	21.06.2025	Jetty CTMS MS - P	Back Filter - 1 Down Stream	Flange	0.4	0.8	100	0.000002	8760	0.0169646
944	21.06.2025	Jetty CTMS MS - P	Back Filter - 2 Up Stream	Flange	0.3	0.8	100	0.000002	8760	0.0138583
945	21.06.2025	Jetty CTMS MS - P	Back Filter - 2 Down Stream	Flange	0.2	0.8	100	0.000001	8760	0.0104212
946	21.06.2025	Jetty CTMS MS - P	Back Filter - 3 Up Stream	Flange	0.1	0.8	100	0.000001	8760	0.0064017
947	21.06.2025	Jetty CTMS MS - P	Back Filter - 3 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
948	21.06.2025	Jetty CTMS MS - P	Back Filter - 4 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
949	21.06.2025	Jetty CTMS MS - P	Back Filter - 4 Down Stream	Flange	0.6	0.8	100	0.000003	8760	0.0225598
950	21.06.2025	Jetty CTMS MS - P	Back Filter Drain HOV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0

951	21.06.2025	Jetty CTMS MS - P	Back Filter Drain HOV - 1 Down Stream	Flange	0.3	0.8	100	0.000002	8760	0.0138583
952	21.06.2025	Jetty CTMS MS - P	Back Filter Drain HOV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
953	21.06.2025	Jetty CTMS MS - P	Back Filter Drain HOV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
954	21.06.2025	Jetty CTMS MS - P	Back Filter Drain HOV - 3 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
955	21.06.2025	Jetty CTMS MS - P	Back Filter Drain HOV - 3 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
956	21.06.2025	Jetty CTMS MS - P	Back Filter Drain HOV - 4 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
957	21.06.2025	Jetty CTMS MS - P	Back Filter Drain HOV - 4 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
958	21.06.2025	Jetty CTMS MS - P	Back Filter Drain HOV - 5 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
959	21.06.2025	Jetty CTMS MS - P	Back Filter Drain HOV - 5 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
960	21.06.2025	Jetty CTMS MS - P	Back Filter Drain HOV - 6 Up Stream	Flange	0.9	0.8	100	0.000003	8760	0.0300004
961	21.06.2025	Jetty CTMS MS - P	Back Filter Drain HOV - 6 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
962	21.06.2025	Jetty CTMS MS - P	Back Filter Drain HOV - 7 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
963	21.06.2025	Jetty CTMS MS - P	Back Filter Drain HOV - 7 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
964	21.06.2025	Jetty CTMS MS - P	Back Filter Drain HOV - 8 Up Stream	Flange	0.2	0.8	100	0.000001	8760	0.0104212
965	21.06.2025	Jetty CTMS MS - P	Back Filter Drain HOV - 8 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
966	21.06.2025	Jetty CTMS MS - P	Stream 1 MOV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
967	21.06.2025	Jetty CTMS MS - P	Stream 1 MOV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
968	21.06.2025	Jetty CTMS MS - P	Stream 2 MOV - 1 Up Stream	Flange	0.6	0.8	100	0.000003	8760	0.0225598
969	21.06.2025	Jetty CTMS MS - P	Stream 2 MOV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
970	21.06.2025	Jetty CTMS MS - P	Stream 2 MOV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
971	21.06.2025	Jetty CTMS MS - P	Stream 2 MOV - 2 Down Stream	Flange	0.7	0.8	100	0.000003	8760	0.0251419
972	21.06.2025	Jetty CTMS MS - P	Stream 3 MOV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
973	21.06.2025	Jetty CTMS MS - P	Stream 3 MOV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
974	21.06.2025	Jetty CTMS MS - P	Stream 3 MOV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
975	21.06.2025	Jetty CTMS MS - P	Stream 3 MOV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
976	21.06.2025	Jetty CTMS MS - P	Stream 4 MOV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
977	21.06.2025	Jetty CTMS MS - P	Stream 4 MOV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
978	21.06.2025	Jetty CTMS MS - P	Stream 4 MOV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
979	21.06.2025	Jetty CTMS MS - P	Stream 4 MOV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
980	21.06.2025	Jetty CTMS MS - P	Stream 1 FCV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
981	21.06.2025	Jetty CTMS MS - P	Stream 1 FCV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
982	21.06.2025	Jetty CTMS MS - P	Stream 2 FCV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
983	21.06.2025	Jetty CTMS MS - P	Stream 2 FCV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
984	21.06.2025	Jetty CTMS MS - P	Stream 2 FCV - 2 Up Stream	Flange	0.2	0.8	100	0.000001	8760	0.0104212
985	21.06.2025	Jetty CTMS MS - P	Stream 2 FCV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
986	21.06.2025	Jetty CTMS MS - P	Stream 3 FCV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
987	21.06.2025	Jetty CTMS MS - P	Stream 3 FCV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
988	21.06.2025	Jetty CTMS MS - P	Stream 3 FCV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
989	21.06.2025	Jetty CTMS MS - P	Stream 3 FCV - 2 Down Stream	Flange	0.2	0.8	100	0.000001	8760	0.0104212
990	21.06.2025	Jetty CTMS MS - P	Stream 4 FCV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
991	21.06.2025	Jetty CTMS MS - P	Stream 4 FCV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
992	21.06.2025	Jetty CTMS MS - P	Stream 4 FCV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
993	21.06.2025	Jetty CTMS MS - P	Stream 4 FCV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
994	21.06.2025	Jetty CTMS MS - P	DGP HOV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
995	21.06.2025	Jetty CTMS MS - P	DGP HOV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
996	21.06.2025	Jetty CTMS MS - P	DGP HOV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
997	21.06.2025	Jetty CTMS MS - P	DGP HOV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
998	21.06.2025	Jetty CTMS MS - P	DGP HOV - 3 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
999	21.06.2025	Jetty CTMS MS - P	DGP HOV - 3 Down Stream	Flange	0.7	0.8	100	0.000003	8760	0.0251419
1000	21.06.2025	Jetty CTMS MS - P	DGP HOV - 4 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
1001	21.06.2025	Jetty CTMS MS - P	DGP HOV - 4 Down Stream	Flange	0.9	0.8	100	0.000003	8760	0.0300004
1002	21.06.2025	Jetty CTMS MS - P	DGP HOV - 5 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
1003	21.06.2025	Jetty CTMS MS - P	DGP HOV - 5 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
1004	21.06.2025	Jetty CTMS MS - P	DGP HOV - 6 Up Stream	Flange	0.3	0.8	100	0.000002	8760	0.0138583
1005	21.06.2025	Jetty CTMS MS - P	DGP HOV - 6 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
1006	21.06.2025	Jetty CTMS MS - P	DGP HOV - 7 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
1007	21.06.2025	Jetty CTMS MS - P	DGP HOV - 7 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
1008	21.06.2025	Jetty CTMS MS - P	DGP HOV - 8 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
1009	21.06.2025	Jetty CTMS MS - P	DGP HOV - 8 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
1010	21.06.2025	Jetty CTMS MS - P	PSV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
1011	21.06.2025	Jetty CTMS MS - P	PSV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
1012	21.06.2025	Jetty CTMS MS - P	PSV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0

1013	21.06.2025	Jetty CTMS MS - P	PSV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
1014	21.06.2025	Jetty CTMS MS - P	PSV - 3 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
1015	21.06.2025	Jetty CTMS MS - P	PSV - 3 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
1016	21.06.2025	Jetty CTMS MS - P	PSV - 4 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
1017	21.06.2025	Jetty CTMS MS - P	PSV - 4 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
1018	21.06.2025	Jetty CTMS MS - P	PSV U/S HOV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
1019	21.06.2025	Jetty CTMS MS - P	PSV U/S HOV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
1020	21.06.2025	Jetty CTMS MS - P	PSV U/S HOV - 2 Up Stream	Flange	0.1	0.8	100	0.000001	8760	0.0064017
1021	21.06.2025	Jetty CTMS MS - P	PSV U/S HOV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
1022	21.06.2025	Jetty CTMS MS - P	PSV U/S HOV - 3 Up Stream	Flange	0.3	0.8	100	0.000002	8760	0.0138583
1023	21.06.2025	Jetty CTMS MS - P	PSV U/S HOV - 3 Down Stream	Flange	0.2	0.8	100	0.000001	8760	0.0104212
1024	21.06.2025	Jetty CTMS MS - P	PSV U/S HOV - 4 Up Stream	Flange	0.2	0.8	100	0.000001	8760	0.0104212
1025	21.06.2025	Jetty CTMS MS - P	PSV U/S HOV - 4 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
1026	21.06.2025	Jetty CTMS MS - P	PSV D/S HOV - 1 Up Stream	Flange	0.1	0.8	100	0.000001	8760	0.0064017
1027	21.06.2025	Jetty CTMS MS - P	PSV D/S HOV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
1028	21.06.2025	Jetty CTMS MS - P	PSV D/S HOV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
1029	21.06.2025	Jetty CTMS MS - P	PSV D/S HOV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
1030	21.06.2025	Jetty CTMS MS - P	PSV D/S HOV - 3 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
1031	21.06.2025	Jetty CTMS MS - P	PSV D/S HOV - 3 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
1032	21.06.2025	Jetty CTMS MS - P	PSV D/S HOV - 4 Up Stream	Flange	0.3	0.8	100	0.000002	8760	0.0138583
1033	21.06.2025	Jetty CTMS MS - P	PSV D/S HOV - 4 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
1034	21.06.2025	Jetty CTMS MS - P	Stream 1 Flowmeter - 1	Flange	0.0	0.8	100	0.000000	8760	0
1035	21.06.2025	Jetty CTMS MS - P	Stream 1 Flowmeter - 2	Flange	0.4	0.8	100	0.000002	8760	0.0169646
1036	21.06.2025	Jetty CTMS MS - P	Stream 1 Flowmeter - 3	Flange	0.0	0.8	100	0.000000	8760	0
1037	21.06.2025	Jetty CTMS MS - P	Stream 1 Flowmeter - 4	Flange	0.0	0.8	100	0.000000	8760	0
1038	21.06.2025	Jetty CTMS MS - P	Stream 1 Flowmeter - 5	Flange	0.0	0.8	100	0.000000	8760	0
1039	21.06.2025	Jetty CTMS MS - P	Stream 1 Flowmeter - 6	Flange	0.0	0.8	100	0.000000	8760	0
1040	21.06.2025	Jetty CTMS MS - P	Stream 1 Flowmeter - 7	Flange	0.0	0.8	100	0.000000	8760	0
1041	21.06.2025	Jetty CTMS MS - P	Stream 1 Flowmeter - 8	Flange	0.0	0.8	100	0.000000	8760	0
1042	21.06.2025	Jetty CTMS MS - P	Stream 1 Flowmeter - 9	Flange	0.0	0.8	100	0.000000	8760	0
1043	21.06.2025	Jetty CTMS MS - P	Stream 1 Flowmeter - 10	Flange	0.0	0.8	100	0.000000	8760	0
1044	21.06.2025	Jetty CTMS MS - P	Stream 2 Flowmeter - 1	Flange	0.0	0.8	100	0.000000	8760	0
1045	21.06.2025	Jetty CTMS MS - P	Stream 2 Flowmeter - 2	Flange	0.0	0.8	100	0.000000	8760	0
1046	21.06.2025	Jetty CTMS MS - P	Stream 2 Flowmeter - 3	Flange	0.0	0.8	100	0.000000	8760	0
1047	21.06.2025	Jetty CTMS MS - P	Stream 2 Flowmeter - 4	Flange	0.0	0.8	100	0.000000	8760	0
1048	21.06.2025	Jetty CTMS MS - P	Stream 2 Flowmeter - 5	Flange	0.0	0.8	100	0.000000	8760	0
1049	21.06.2025	Jetty CTMS MS - P	Stream 2 Flowmeter - 6	Flange	0.0	0.8	100	0.000000	8760	0
1050	21.06.2025	Jetty CTMS MS - P	Stream 2 Flowmeter - 7	Flange	0.0	0.8	100	0.000000	8760	0
1051	21.06.2025	Jetty CTMS MS - P	Stream 2 Flowmeter - 8	Flange	0.0	0.8	100	0.000000	8760	0
1052	21.06.2025	Jetty CTMS MS - P	Stream 2 Flowmeter - 9	Flange	0.0	0.8	100	0.000000	8760	0
1053	21.06.2025	Jetty CTMS MS - P	Stream 2 Flowmeter - 10	Flange	0.0	0.8	100	0.000000	8760	0
1054	21.06.2025	Jetty CTMS MS - P	Stream 3 Flowmeter - 1	Flange	0.0	0.8	100	0.000000	8760	0
1055	21.06.2025	Jetty CTMS MS - P	Stream 3 Flowmeter - 2	Flange	0.4	0.8	100	0.000002	8760	0.0169646
1056	21.06.2025	Jetty CTMS MS - P	Stream 3 Flowmeter - 3	Flange	0.0	0.8	100	0.000000	8760	0
1057	21.06.2025	Jetty CTMS MS - P	Stream 3 Flowmeter - 4	Flange	0.2	0.8	100	0.000001	8760	0.0104212
1058	21.06.2025	Jetty CTMS MS - P	Stream 3 Flowmeter - 5	Flange	2.2	0.8	100	0.000006	8760	0.0562365
1059	21.06.2025	Jetty CTMS MS - P	Stream 3 Flowmeter - 6	Flange	0.0	0.8	100	0.000000	8760	0
1060	21.06.2025	Jetty CTMS MS - P	Stream 3 Flowmeter - 7	Flange	0.0	0.8	100	0.000000	8760	0
1061	21.06.2025	Jetty CTMS MS - P	Stream 3 Flowmeter - 8	Flange	0.0	0.8	100	0.000000	8760	0
1062	21.06.2025	Jetty CTMS MS - P	Stream 3 Flowmeter - 9	Flange	0.0	0.8	100	0.000000	8760	0
1063	21.06.2025	Jetty CTMS MS - P	Stream 3 Flowmeter - 10	Flange	0.0	0.8	100	0.000000	8760	0
1064	21.06.2025	Jetty CTMS MS - P	Stream 4 Flowmeter - 1	Flange	0.1	0.8	100	0.000001	8760	0.0064017
1065	21.06.2025	Jetty CTMS MS - P	Stream 4 Flowmeter - 2	Flange	0.0	0.8	100	0.000000	8760	0
1066	21.06.2025	Jetty CTMS MS - P	Stream 4 Flowmeter - 3	Flange	0.0	0.8	100	0.000000	8760	0
1067	21.06.2025	Jetty CTMS MS - P	Stream 4 Flowmeter - 4	Flange	0.5	0.8	100	0.000002	8760	0.0198459
1068	21.06.2025	Jetty CTMS MS - P	Stream 4 Flowmeter - 5	Flange	0.0	0.8	100	0.000000	8760	0
1069	21.06.2025	Jetty CTMS MS - P	Stream 4 Flowmeter - 6	Flange	0.0	0.8	100	0.000000	8760	0
1070	21.06.2025	Jetty CTMS MS - P	Stream 4 Flowmeter - 7	Flange	0.0	0.8	100	0.000000	8760	0
1071	21.06.2025	Jetty CTMS MS - P	Stream 4 Flowmeter - 8	Flange	0.0	0.8	100	0.000000	8760	0
1072	21.06.2025	Jetty CTMS MS - P	Stream 4 Flowmeter - 9	Flange	0.0	0.8	100	0.000000	8760	0
1073	21.06.2025	Jetty CTMS MS - P	Stream 4 Flowmeter - 10	Flange	0.0	0.8	100	0.000000	8760	0
1074	21.06.2025	Jetty CTMS MS - P	CTMS U/S Ringspacer	Flange	0.0	0.8	100	0.000000	8760	0
1075	21.06.2025	Jetty CTMS MS - P	PCV U/S HOV Up Stream	Flange	1.2	0.8	100	0.000004	8760	0.0367248
1076	21.06.2025	Jetty CTMS MS - P	PCV U/S HOV Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
1077	21.06.2025	Jetty CTMS MS - P	PCV D/S HOV Up Stream	Flange	1.4	0.8	100	0.000005	8760	0.0409282
1078	21.06.2025	Jetty CTMS MS - P	PCV D/S HOV Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
1079	21.06.2025	Jetty CTMS MS - P	PCV Up Stream	Flange	0.9	0.8	100	0.000003	8760	0.0300004
1080	21.06.2025	Jetty CTMS MS - P	PCV Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
1081	21.06.2025	Jetty CTMS MS - P	PCV U/S LPD	Flange	0.1	0.8	100	0.000001	8760	0.0064017
1082	21.06.2025	Jetty CTMS MS - P	PCV D/S LPD	Flange	0.0	0.8	100	0.000000	8760	0
1083	21.06.2025	Jetty CTMS MS - P	PCV U/S PT	Flange	0.1	0.8	100	0.000001	8760	0.0064017
1084	21.06.2025	Jetty CTMS MS - P	PCV D/S PT	Flange	0.1	0.8	100	0.000001	8760	0.0064017
1085	21.06.2025	Jetty CTMS MS - P	PCV D/S PSV	Flange	0.1	0.8	100	0.000001	8760	0.0064017
1086	21.06.2025	Jetty CTMS MS - P	PSV U/S & D/S HOV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
1087	21.06.2025	Jetty CTMS MS - P	PSV U/S & D/S HOV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
1088	21.06.2025	Jetty CTMS MS - P	PSV U/S & D/S HOV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
1089	21.06.2025	Jetty CTMS MS - P	PSV U/S & D/S HOV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
1090	21.06.2025	Jetty CTMS MS - P	PSV U/S & D/S LPD Up Stream	Flange	0.0	0.8	100	0.000000	8760	0

1091	21.06.2025	Jetty CTMS MS - P	PSV U/S & D/S LPD Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
1092	21.06.2025	Jetty CTMS MS - P	CTMS D/S HPV	Flange	0.2	0.8	100	0.000001	8760	0.0104212
1093	21.06.2025	Jetty CTMS MS - P	Prover U/S & D/S Spool Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
1094	21.06.2025	Jetty CTMS MS - P	Prover U/S & D/S Spool Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
1095	21.06.2025	Jetty CTMS MS - P	Prover Inlet & Outlet Hov -1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
1096	21.06.2025	Jetty CTMS MS - P	Prover Inlet & Outlet Hov -1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
1097	21.06.2025	Jetty CTMS MS - P	Prover Inlet & Outlet Hov -2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
1098	21.06.2025	Jetty CTMS MS - P	Prover Inlet & Outlet Hov -2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
1099	21.06.2025	Jetty CTMS MS - P	Prover Spool Up Stream	Flange	0.1	0.8	100	0.000001	8760	0.0064017
1100	21.06.2025	Jetty CTMS MS - P	Prover Spool Down Stream	Flange	0.3	0.8	100	0.000002	8760	0.0138583
1101	21.06.2025	Jetty CTMS MS - P	Prover PT HOV Up Stream	Flange	0.2	0.8	100	0.000001	8760	0.0104212
1102	21.06.2025	Jetty CTMS MS - P	Prover PT HOV Down Stream	Flange	0.4	0.8	100	0.000002	8760	0.0169646
1103	21.06.2025	Jetty CTMS MS - P	Prover Spare Connection Up Stream	Flange	0.3	0.8	100	0.000002	8760	0.0138583
1104	21.06.2025	Jetty CTMS MS - P	Prover Spare Connection Down Stream	Flange	0.2	0.8	100	0.000001	8760	0.0104212
1105	21.06.2025	Jetty CTMS MS - P	Prover PSV	Flange	0.6	0.8	100	0.000003	8760	0.0225598
1106	21.06.2025	Jetty CTMS MS - P	Prover Vent Hov - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
1107	21.06.2025	Jetty CTMS MS - P	Prover Vent Hov - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
1108	21.06.2025	Jetty CTMS MS - P	Prover Vent Hov - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
1109	21.06.2025	Jetty CTMS MS - P	Prover Vent Hov - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
1110	21.06.2025	Jetty CTMS MS - P	Prover LPD	Flange	0.0	0.8	100	0.000000	8760	0
1111	21.06.2025	Jetty CTMS MS - P	Prover LPD UP Stream	Flange	0.0	0.8	100	0.000000	8760	0
1112	21.06.2025	Jetty CTMS MS - P	Prover LPD Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
1113	21.06.2025	Jetty CTMS MS - P	Drain Hov -1 UP Stream	Flange	0.0	0.8	100	0.000000	8760	0
1114	21.06.2025	Jetty CTMS MS - P	Drain Hov -1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
1115	21.06.2025	Jetty CTMS MS - P	Drain Hov -2 UP Stream	Flange	0.2	0.8	100	0.000001	8760	0.0104212
1116	21.06.2025	Jetty CTMS MS - P	Drain Hov -2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
1117	21.06.2025	Jetty CTMS MS - P	Drain Hov -3 UP Stream	Flange	0.0	0.8	100	0.000000	8760	0
1118	21.06.2025	Jetty CTMS MS - P	Drain Hov -3 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
1119	21.06.2025	Jetty CTMS MS - P	Drain Hov -4 UP Stream	Flange	0.0	0.8	100	0.000000	8760	0
1120	21.06.2025	Jetty CTMS MS - P	Drain Hov -4 Down Stream	Flange	0.1	0.8	100	0.000001	8760	0.0064017
1121	21.06.2025	Jetty CTMS MS - P	Drain Hov -5 UP Stream	Flange	0.2	0.8	100	0.000001	8760	0.0104212
1122	21.06.2025	Jetty CTMS MS - P	Drain Hov -5 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
1123	21.06.2025	Jetty CTMS MS - P	Drain Hov -6 UP Stream	Flange	0.0	0.8	100	0.000000	8760	0
1124	21.06.2025	Jetty CTMS MS - P	Drain Hov -6 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
1125	21.06.2025	Jetty CTMS MS - P	CBD Line HOV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
1126	21.06.2025	Jetty CTMS MS - P	CBD Line HOV Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
1127	21.06.2025	Jetty CTMS MS - P	CBD Line End Flange	Flange	0.0	0.8	100	0.000000	8760	0
1128	21.06.2025	Jetty CTMS MS - P	CBD Line NRV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
1129	21.06.2025	Jetty CTMS MS - P	CBD Line NRV Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
1130	21.06.2025	Jetty CTMS Propylene-(L)	Main Line HPV UP Stream	Flange	0.0	1	100	0.000000	8760	0
1131	21.06.2025	Jetty CTMS Propylene-(L)	Main Line HPV Down Stream	Flange	0.0	1	100	0.000000	8760	0
1132	21.06.2025	Jetty CTMS Propylene-(L)	Vapour Elminator HPV Up Stream	Flange	0.0	1	100	0.000000	8760	0
1133	21.06.2025	Jetty CTMS Propylene-(L)	Vapour Elminator HPV Down Stream	Flange	0.0	1	100	0.000000	8760	0
1134	21.06.2025	Jetty CTMS Propylene-(L)	Main Line PSV	Flange	0.0	1	100	0.000000	8760	0
1135	21.06.2025	Jetty CTMS Propylene-(L)	Main Line PSV U/S Up Stream	Flange	0.0	1	100	0.000000	8760	0
1136	21.06.2025	Jetty CTMS Propylene-(L)	Main Line PSV U/S Down Stream	Flange	0.0	1	100	0.000000	8760	0
1137	21.06.2025	Jetty CTMS Propylene-(L)	Main Line PSV D/S Up Stream	Flange	0.0	1	100	0.000000	8760	0
1138	21.06.2025	Jetty CTMS Propylene-(L)	Main Line PSV D/S Down Stream	Flange	0.0	1	100	0.000000	8760	0
1139	21.06.2025	Jetty CTMS Propylene-(L)	Main Line PSV U/S Drain Point	Flange	0.0	1	100	0.000000	8760	0
1140	21.06.2025	Jetty CTMS Propylene-(L)	Main Line PSV D/S Drain Point	Flange	0.1	1	100	0.000001	8760	0.0080021
1141	21.06.2025	Jetty CTMS Propylene-(L)	Vapour Elminator Inlet	Flange	0.0	1	100	0.000000	8760	0
1142	21.06.2025	Jetty CTMS Propylene-(L)	Vapour Elminator Outlet	Flange	0.0	1	100	0.000000	8760	0
1143	21.06.2025	Jetty CTMS Propylene-(L)	Vapour Elminator Manhole	Flange	0.0	1	100	0.000000	8760	0
1144	21.06.2025	Jetty CTMS Propylene-(L)	Vapour Elminator Drain Point HOV	Flange	0.0	1	100	0.000000	8760	0
1145	21.06.2025	Jetty CTMS Propylene-(L)	Vapour Elminator PSV	Flange	0.0	1	100	0.000000	8760	0
1146	21.06.2025	Jetty CTMS Propylene-(L)	Vapour Eliminator PSV U/S HOV Up Stream	Flange	0.0	1	100	0.000000	8760	0
1147	21.06.2025	Jetty CTMS Propylene-(L)	Vapour Eliminator PSV U/S HOVDown Stream	Flange	0.0	1	100	0.000000	8760	0
1148	21.06.2025	Jetty CTMS Propylene-(L)	Vapour Eliminator PSV D/S HOV Up Stream	Flange	0.7	1	100	0.000004	8760	0.0314274
1149	21.06.2025	Jetty CTMS Propylene-(L)	Vapour Eliminator PSV D/S HOVDown Stream	Flange	0.0	1	100	0.000000	8760	0
1150	21.06.2025	Jetty CTMS Propylene-(L)	Vapour Elminator PSV U/S Drain Point	Flange	0.6	1	100	0.000003	8760	0.0281998
1151	21.06.2025	Jetty CTMS Propylene-(L)	Vapour Elminator PSV D/S Drain Point	Flange	0.0	1	100	0.000000	8760	0
1152	21.06.2025	Jetty CTMS Propylene-(L)	Vapour Elminator Vent Point-1	Flange	0.0	1	100	0.000000	8760	0

1153	21.06.2025	Jetty CTMS Propylene-(L)	Vapour Elminator Vent Point-2	Flange	0.0	1	100	0.000000	8760	0
1154	21.06.2025	Jetty CTMS Propylene-(L)	Vapour Elminator Vent Point-3	Flange	0.0	1	100	0.000000	8760	0
1155	21.06.2025	Jetty CTMS Propylene-(L)	Vapour Elminator Vent Point-4	Flange	0.0	1	100	0.000000	8760	0
1156	21.06.2025	Jetty CTMS Propylene-(L)	Vapour Elminator Vent Point-5	Flange	0.0	1	100	0.000000	8760	0
1157	21.06.2025	Jetty CTMS Propylene-(L)	Vapour Elminator Vent Point-6	Flange	0.0	1	100	0.000000	8760	0
1158	21.06.2025	Jetty CTMS Propylene-(L)	Vapour Elminator Vent Point-7	Flange	0.0	1	100	0.000000	8760	0
1159	21.06.2025	Jetty CTMS Propylene-(L)	Vapour Elminator Vent Point-8	Flange	0.0	1	100	0.000000	8760	0
1160	21.06.2025	Jetty CTMS Propylene-(L)	Vapour Elminator Vent Point-9	Flange	0.0	1	100	0.000000	8760	0
1161	21.06.2025	Jetty CTMS Propylene-(L)	Vapour Elminator Vent Point-10	Flange	0.6	1	100	0.000003	8760	0.0281998
1162	21.06.2025	Jetty CTMS Propylene-(L)	Vapour Elminator Vent Point-11	Flange	0.2	1	100	0.000001	8760	0.0130265
1163	21.06.2025	Jetty CTMS Propylene-(L)	Vapour Elminator Vent Point-12	Flange	0.6	1	100	0.000003	8760	0.0281998
1164	21.06.2025	Jetty CTMS Propylene-(L)	Vapour Elminator HOV -1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
1165	21.06.2025	Jetty CTMS Propylene-(L)	Vapour Elminator HOV -1 down Stream	Flange	0.0	1	100	0.000000	8760	0
1166	21.06.2025	Jetty CTMS Propylene-(L)	CTMS U/S Ringspacer	Flange	0.0	1	100	0.000000	8760	0
1167	21.06.2025	Jetty CTMS Propylene-(L)	First Loop Pump U/S HOV Up Stream	Flange	0.0	1	100	0.000000	8760	0
1168	21.06.2025	Jetty CTMS Propylene-(L)	First Loop Pump U/S HOV Down Stream	Flange	0.0	1	100	0.000000	8760	0
1169	21.06.2025	Jetty CTMS Propylene-(L)	First Loop Pump U/S Drain Point HOV Up Stream	Flange	0.0	1	100	0.000000	8760	0
1170	21.06.2025	Jetty CTMS Propylene-(L)	First Loop Pump U/S Drain Point HOV Down Stream	Flange	0.0	1	100	0.000000	8760	0
1171	21.06.2025	Jetty CTMS Propylene-(L)	First Loop Pump Up Stream	Flange	0.0	1	100	0.000000	8760	0
1172	21.06.2025	Jetty CTMS Propylene-(L)	First Loop Pump Down Stream	Flange	0.0	1	100	0.000000	8760	0
1173	21.06.2025	Jetty CTMS Propylene-(L)	Flowmeter Up Stream	Flange	0.0	1	100	0.000000	8760	0
1174	21.06.2025	Jetty CTMS Propylene-(L)	Flowmeter Down Stream	Flange	0.0	1	100	0.000000	8760	0
1175	21.06.2025	Jetty CTMS Propylene-(L)	First Loop Pump Discharge PT HOV Up Stream	Flange	0.0	1	100	0.000000	8760	0
1176	21.06.2025	Jetty CTMS Propylene-(L)	First Loop Pump Discharge PT HOV Down Stream	Flange	0.0	1	100	0.000000	8760	0
1177	21.06.2025	Jetty CTMS Propylene-(L)	First Loop Pump Discharge TT HOV	Flange	0.0	1	100	0.000000	8760	0
1178	21.06.2025	Jetty CTMS Propylene-(L)	First Loop Pump D/S Drain Point HOV Up Stream	Flange	0.0	1	100	0.000000	8760	0
1179	21.06.2025	Jetty CTMS Propylene-(L)	First Loop Pump D/S Drain Point HOV Down Stream	Flange	0.0	1	100	0.000000	8760	0
1180	21.06.2025	Jetty CTMS Propylene-(L)	Densitometer - 1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
1181	21.06.2025	Jetty CTMS Propylene-(L)	Densitometer - 1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1182	21.06.2025	Jetty CTMS Propylene-(L)	Densitometer - 2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
1183	21.06.2025	Jetty CTMS Propylene-(L)	Densitometer - 2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1184	21.06.2025	Jetty CTMS Propylene-(L)	Densitometer U/S HOV - 1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
1185	21.06.2025	Jetty CTMS Propylene-(L)	Densitometer U/S HOV - 1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1186	21.06.2025	Jetty CTMS Propylene-(L)	Densitometer U/S HOV - 2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
1187	21.06.2025	Jetty CTMS Propylene-(L)	Densitometer U/S HOV - 2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1188	21.06.2025	Jetty CTMS Propylene-(L)	Densitometer D/S HOV - 1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
1189	21.06.2025	Jetty CTMS Propylene-(L)	Densitometer D/S HOV - 1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1190	21.06.2025	Jetty CTMS Propylene-(L)	Densitometer D/S HOV - 2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
1191	21.06.2025	Jetty CTMS Propylene-(L)	Densitometer D/S HOV - 2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1192	21.06.2025	Jetty CTMS Propylene-(L)	Densitometer D/S HPV	Flange	0.2	1	100	0.000001	8760	0.0130265
1193	21.06.2025	Jetty CTMS Propylene-(L)	Sampler HOV - 1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
1194	21.06.2025	Jetty CTMS Propylene-(L)	Sampler HOV - 1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1195	21.06.2025	Jetty CTMS Propylene-(L)	Sampler HOV - 2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
1196	21.06.2025	Jetty CTMS Propylene-(L)	Sampler HOV - 2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1197	21.06.2025	Jetty CTMS Propylene-(L)	Globe Valve Up Stream	Flange	0.0	1	100	0.000000	8760	0
1198	21.06.2025	Jetty CTMS Propylene-(L)	Globe Valve Down Stream	Flange	0.0	1	100	0.000000	8760	0
1199	21.06.2025	Jetty CTMS Propylene-(L)	Firest Loop Pump D/S HOV Up Stream	Flange	0.0	1	100	0.000000	8760	0
1200	21.06.2025	Jetty CTMS Propylene-(L)	Firest Loop Pump D/S HOV Down Stream	Flange	0.0	1	100	0.000000	8760	0
1201	21.06.2025	Jetty CTMS Propylene-(L)	Header Drain HOV - 1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
1202	21.06.2025	Jetty CTMS Propylene-(L)	Header Drain HOV - 1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1203	21.06.2025	Jetty CTMS Propylene-(L)	Header Drain HOV - 2 Up Stream	Flange	0.1	1	100	0.000001	8760	0.0080021
1204	21.06.2025	Jetty CTMS Propylene-(L)	Header Drain HOV - 2 Down Stream	Flange	0.1	1	100	0.000001	8760	0.0080021
1205	21.06.2025	Jetty CTMS Propylene-(L)	Stream 1 HOV - 1 Up Stream	Flange	0.1	1	100	0.000001	8760	0.0080021
1206	21.06.2025	Jetty CTMS Propylene-(L)	Stream 1 HOV - 1 Down Stream	Flange	0.1	1	100	0.000001	8760	0.0080021
1207	21.06.2025	Jetty CTMS Propylene-(L)	Stream 1 HOV - 2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
1208	21.06.2025	Jetty CTMS Propylene-(L)	Stream 1 HOV - 2 Down Stream	Flange	0.1	1	100	0.000001	8760	0.0080021

1209	21.06.2025	Jetty CTMS Propylene-(L)	Stream 1 HOV - 3 Up Stream	Flange	0.0	1	100	0.000000	8760	0
1210	21.06.2025	Jetty CTMS Propylene-(L)	Stream 1 HOV - 3 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1211	21.06.2025	Jetty CTMS Propylene-(L)	Stream 2 HOV - 1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
1212	21.06.2025	Jetty CTMS Propylene-(L)	Stream 2 HOV - 1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1213	21.06.2025	Jetty CTMS Propylene-(L)	Stream 2 HOV - 2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
1214	21.06.2025	Jetty CTMS Propylene-(L)	Stream 2 HOV - 2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1215	21.06.2025	Jetty CTMS Propylene-(L)	Stream 2 HOV - 3 Up Stream	Flange	0.1	1	100	0.000001	8760	0.0080021
1216	21.06.2025	Jetty CTMS Propylene-(L)	Stream 2 HOV - 3 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1217	21.06.2025	Jetty CTMS Propylene-(L)	Stream 3 HOV - 1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
1218	21.06.2025	Jetty CTMS Propylene-(L)	Stream 3 HOV - 1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1219	21.06.2025	Jetty CTMS Propylene-(L)	Stream 3 HOV - 2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
1220	21.06.2025	Jetty CTMS Propylene-(L)	Stream 3 HOV - 2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1221	21.06.2025	Jetty CTMS Propylene-(L)	Stream 3 HOV - 3 Up Stream	Flange	0.0	1	100	0.000000	8760	0
1222	21.06.2025	Jetty CTMS Propylene-(L)	Stream 3 HOV - 3 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1223	21.06.2025	Jetty CTMS Propylene-(L)	Stream 4 HOV - 1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
1224	21.06.2025	Jetty CTMS Propylene-(L)	Stream 4 HOV - 1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1225	21.06.2025	Jetty CTMS Propylene-(L)	Stream 4 HOV - 2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
1226	21.06.2025	Jetty CTMS Propylene-(L)	Stream 4 HOV - 2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1227	21.06.2025	Jetty CTMS Propylene-(L)	Stream 4 HOV - 3 Up Stream	Flange	0.0	1	100	0.000000	8760	0
1228	21.06.2025	Jetty CTMS Propylene-(L)	Stream 4 HOV - 3 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1229	21.06.2025	Jetty CTMS Propylene-(L)	Basket Filter- 1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
1230	21.06.2025	Jetty CTMS Propylene-(L)	Basket Filter - 1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1231	21.06.2025	Jetty CTMS Propylene-(L)	Basket Filter - 2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
1232	21.06.2025	Jetty CTMS Propylene-(L)	Basket Filter - 2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1233	21.06.2025	Jetty CTMS Propylene-(L)	Basket Filter - 3 Up Stream	Flange	0.0	1	100	0.000000	8760	0
1234	21.06.2025	Jetty CTMS Propylene-(L)	Basket Filter - 3 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1235	21.06.2025	Jetty CTMS Propylene-(L)	Basket Filter - 4 Up Stream	Flange	0.0	1	100	0.000000	8760	0
1236	21.06.2025	Jetty CTMS Propylene-(L)	Basket Filter - 4 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1237	21.06.2025	Jetty CTMS Propylene-(L)	Basket Filter Drain HOV - 1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
1238	21.06.2025	Jetty CTMS Propylene-(L)	Basket Filter Drain HOV - 1 Down Stream	Flange	0.2	1	100	0.000001	8760	0.0130265
1239	21.06.2025	Jetty CTMS Propylene-(L)	Basket Filter Drain HOV - 2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
1240	21.06.2025	Jetty CTMS Propylene-(L)	Basket Filter Drain HOV - 2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1241	21.06.2025	Jetty CTMS Propylene-(L)	Basket Filter Drain HOV - 3 Up Stream	Flange	0.0	1	100	0.000000	8760	0
1242	21.06.2025	Jetty CTMS Propylene-(L)	Basket Filter Drain HOV - 3 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1243	21.06.2025	Jetty CTMS Propylene-(L)	Basket Filter Drain HOV - 4 Up Stream	Flange	0.0	1	100	0.000000	8760	0
1244	21.06.2025	Jetty CTMS Propylene-(L)	Basket Filter Drain HOV - 4 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1245	21.06.2025	Jetty CTMS Propylene-(L)	Basket Filter Drain HOV - 5 Up Stream	Flange	0.0	1	100	0.000000	8760	0
1246	21.06.2025	Jetty CTMS Propylene-(L)	Basket Filter Drain HOV - 5 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1247	21.06.2025	Jetty CTMS Propylene-(L)	Basket Filter Drain HOV - 6 Up Stream	Flange	0.2	1	100	0.000001	8760	0.0130265
1248	21.06.2025	Jetty CTMS Propylene-(L)	Basket Filter Drain HOV - 6 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1249	21.06.2025	Jetty CTMS Propylene-(L)	Basket Filter Drain HOV - 7 Up Stream	Flange	0.0	1	100	0.000000	8760	0
1250	21.06.2025	Jetty CTMS Propylene-(L)	Basket Filter Drain HOV - 7 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1251	21.06.2025	Jetty CTMS Propylene-(L)	Basket Filter Drain HOV - 8 Up Stream	Flange	0.0	1	100	0.000000	8760	0
1252	21.06.2025	Jetty CTMS Propylene-(L)	Basket Filter Drain HOV - 8 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1253	21.06.2025	Jetty CTMS Propylene-(L)	Stream 1 MOV - 1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
1254	21.06.2025	Jetty CTMS Propylene-(L)	Stream 1 MOV - 1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1255	21.06.2025	Jetty CTMS Propylene-(L)	Stream 2 MOV - 1 Up Stream	Flange	0.1	1	100	0.000001	8760	0.0080021
1256	21.06.2025	Jetty CTMS Propylene-(L)	Stream 2 MOV - 1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1257	21.06.2025	Jetty CTMS Propylene-(L)	Stream 2 MOV - 2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
1258	21.06.2025	Jetty CTMS Propylene-(L)	Stream 2 MOV - 2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1259	21.06.2025	Jetty CTMS Propylene-(L)	Stream 3 MOV - 1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
1260	21.06.2025	Jetty CTMS Propylene-(L)	Stream 3 MOV - 1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1261	21.06.2025	Jetty CTMS Propylene-(L)	Stream 3 MOV - 2 Up Stream	Flange	0.2	1	100	0.000001	8760	0.0130265
1262	21.06.2025	Jetty CTMS Propylene-(L)	Stream 3 MOV - 2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1263	21.06.2025	Jetty CTMS Propylene-(L)	Stream 4 MOV - 1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
1264	21.06.2025	Jetty CTMS Propylene-(L)	Stream 4 MOV - 1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1265	21.06.2025	Jetty CTMS Propylene-(L)	Stream 4 MOV - 2 Up Stream	Flange	0.1	1	100	0.000001	8760	0.0080021
1266	21.06.2025	Jetty CTMS Propylene-(L)	Stream 4 MOV - 2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1267	21.06.2025	Jetty CTMS Propylene-(L)	Stream 1 FCV - 1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
1268	21.06.2025	Jetty CTMS Propylene-(L)	Stream 1 FCV - 1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1269	21.06.2025	Jetty CTMS Propylene-(L)	Stream 2 FCV - 1 Up Stream	Flange	0.0	1	100	0.000000	8760	0

1270	21.06.2025	Jetty CTMS Propylene-(L)	Stream 2 FCV - 1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1271	21.06.2025	Jetty CTMS Propylene-(L)	Stream 2 FCV - 2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
1272	21.06.2025	Jetty CTMS Propylene-(L)	Stream 2 FCV - 2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1273	21.06.2025	Jetty CTMS Propylene-(L)	Stream 3 FCV - 1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
1274	21.06.2025	Jetty CTMS Propylene-(L)	Stream 3 FCV - 1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1275	21.06.2025	Jetty CTMS Propylene-(L)	Stream 3 FCV - 2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
1276	21.06.2025	Jetty CTMS Propylene-(L)	Stream 3 FCV - 2 Down Stream	Flange	0.3	1	100	0.000002	8760	0.0173229
1277	21.06.2025	Jetty CTMS Propylene-(L)	Stream 4 FCV - 1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
1278	21.06.2025	Jetty CTMS Propylene-(L)	Stream 4 FCV - 1 Down Stream	Flange	0.4	1	100	0.000002	8760	0.0212057
1279	21.06.2025	Jetty CTMS Propylene-(L)	Stream 4 FCV - 2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
1280	21.06.2025	Jetty CTMS Propylene-(L)	Stream 4 FCV - 2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1281	21.06.2025	Jetty CTMS Propylene-(L)	DGP HOV - 1 Up Stream	Flange	0.4	1	100	0.000002	8760	0.0212057
1282	21.06.2025	Jetty CTMS Propylene-(L)	DGP HOV - 1 Down Stream	Flange	0.1	1	100	0.000001	8760	0.0080021
1283	21.06.2025	Jetty CTMS Propylene-(L)	DGP HOV - 2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
1284	21.06.2025	Jetty CTMS Propylene-(L)	DGP HOV - 2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1285	21.06.2025	Jetty CTMS Propylene-(L)	DGP HOV - 3 Up Stream	Flange	0.0	1	100	0.000000	8760	0
1286	21.06.2025	Jetty CTMS Propylene-(L)	DGP HOV - 3 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1287	21.06.2025	Jetty CTMS Propylene-(L)	DGP HOV - 4 Up Stream	Flange	0.0	1	100	0.000000	8760	0
1288	21.06.2025	Jetty CTMS Propylene-(L)	DGP HOV - 4 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1289	21.06.2025	Jetty CTMS Propylene-(L)	DGP HOV - 5 Up Stream	Flange	0.0	1	100	0.000000	8760	0
1290	21.06.2025	Jetty CTMS Propylene-(L)	DGP HOV - 5 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1291	21.06.2025	Jetty CTMS Propylene-(L)	DGP HOV - 6 Up Stream	Flange	0.0	1	100	0.000000	8760	0
1292	21.06.2025	Jetty CTMS Propylene-(L)	DGP HOV - 6 Down Stream	Flange	0.2	1	100	0.000001	8760	0.0130265
1293	21.06.2025	Jetty CTMS Propylene-(L)	DGP HOV - 7 Up Stream	Flange	0.0	1	100	0.000000	8760	0
1294	21.06.2025	Jetty CTMS Propylene-(L)	DGP HOV - 7 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1295	21.06.2025	Jetty CTMS Propylene-(L)	DGP HOV - 8 Up Stream	Flange	0.0	1	100	0.000000	8760	0
1296	21.06.2025	Jetty CTMS Propylene-(L)	DGP HOV - 8 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1297	21.06.2025	Jetty CTMS Propylene-(L)	PSV - 1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
1298	21.06.2025	Jetty CTMS Propylene-(L)	PSV - 1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1299	21.06.2025	Jetty CTMS Propylene-(L)	PSV - 2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
1300	21.06.2025	Jetty CTMS Propylene-(L)	PSV - 2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1301	21.06.2025	Jetty CTMS Propylene-(L)	PSV - 3 Up Stream	Flange	0.1	1	100	0.000001	8760	0.0080021
1302	21.06.2025	Jetty CTMS Propylene-(L)	PSV - 3 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1303	21.06.2025	Jetty CTMS Propylene-(L)	PSV - 4 Up Stream	Flange	0.6	1	100	0.000003	8760	0.0281998
1304	21.06.2025	Jetty CTMS Propylene-(L)	PSV - 4 Down Stream	Flange	0.3	1	100	0.000002	8760	0.0173229
1305	21.06.2025	Jetty CTMS Propylene-(L)	PSV U/S HOV - 1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
1306	21.06.2025	Jetty CTMS Propylene-(L)	PSV U/S HOV - 1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1307	21.06.2025	Jetty CTMS Propylene-(L)	PSV U/S HOV - 2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
1308	21.06.2025	Jetty CTMS Propylene-(L)	PSV U/S HOV - 2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1309	21.06.2025	Jetty CTMS Propylene-(L)	PSV U/S HOV - 3 Up Stream	Flange	0.0	1	100	0.000000	8760	0
1310	21.06.2025	Jetty CTMS Propylene-(L)	PSV U/S HOV - 3 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1311	21.06.2025	Jetty CTMS Propylene-(L)	PSV U/S HOV - 4 Up Stream	Flange	0.0	1	100	0.000000	8760	0
1312	21.06.2025	Jetty CTMS Propylene-(L)	PSV U/S HOV - 4 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1313	21.06.2025	Jetty CTMS Propylene-(L)	PSV D/S HOV - 1 Up Stream	Flange	0.1	1	100	0.000001	8760	0.0080021
1314	21.06.2025	Jetty CTMS Propylene-(L)	PSV D/S HOV - 1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1315	21.06.2025	Jetty CTMS Propylene-(L)	PSV D/S HOV - 2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
1316	21.06.2025	Jetty CTMS Propylene-(L)	PSV D/S HOV - 2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1317	21.06.2025	Jetty CTMS Propylene-(L)	PSV D/S HOV - 3 Up Stream	Flange	0.0	1	100	0.000000	8760	0
1318	21.06.2025	Jetty CTMS Propylene-(L)	PSV D/S HOV - 3 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1319	21.06.2025	Jetty CTMS Propylene-(L)	PSV D/S HOV - 4 Up Stream	Flange	0.0	1	100	0.000000	8760	0
1320	21.06.2025	Jetty CTMS Propylene-(L)	PSV D/S HOV - 4 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1321	21.06.2025	Jetty CTMS Propylene-(L)	Stream 1 Flowmeter - 1	Flange	0.0	1	100	0.000000	8760	0
1322	21.06.2025	Jetty CTMS Propylene-(L)	Stream 1 Flowmeter - 2	Flange	0.0	1	100	0.000000	8760	0
1323	21.06.2025	Jetty CTMS Propylene-(L)	Stream 1 Flowmeter - 3	Flange	0.0	1	100	0.000000	8760	0
1324	21.06.2025	Jetty CTMS Propylene-(L)	Stream 1 Flowmeter - 4	Flange	0.0	1	100	0.000000	8760	0
1325	21.06.2025	Jetty CTMS Propylene-(L)	Stream 1 Flowmeter - 5	Flange	0.0	1	100	0.000000	8760	0
1326	21.06.2025	Jetty CTMS Propylene-(L)	Stream 1 Flowmeter - 6	Flange	0.0	1	100	0.000000	8760	0
1327	21.06.2025	Jetty CTMS Propylene-(L)	Stream 1 Flowmeter - 7	Flange	0.0	1	100	0.000000	8760	0
1328	21.06.2025	Jetty CTMS Propylene-(L)	Stream 1 Flowmeter - 8	Flange	0.0	1	100	0.000000	8760	0
1329	21.06.2025	Jetty CTMS Propylene-(L)	Stream 1 Flowmeter - 9	Flange	0.0	1	100	0.000000	8760	0
1330	21.06.2025	Jetty CTMS Propylene-(L)	Stream 1 Flowmeter - 10	Flange	0.0	1	100	0.000000	8760	0
1331	21.06.2025	Jetty CTMS Propylene-(L)	Stream 2 Flowmeter - 1	Flange	0.0	1	100	0.000000	8760	0
1332	21.06.2025	Jetty CTMS Propylene-(L)	Stream 2 Flowmeter - 2	Flange	0.0	1	100	0.000000	8760	0
1333	21.06.2025	Jetty CTMS Propylene-(L)	Stream 2 Flowmeter - 3	Flange	0.0	1	100	0.000000	8760	0
1334	21.06.2025	Jetty CTMS Propylene-(L)	Stream 2 Flowmeter - 4	Flange	0.0	1	100	0.000000	8760	0
1335	21.06.2025	Jetty CTMS Propylene-(L)	Stream 2 Flowmeter - 5	Flange	0.0	1	100	0.000000	8760	0
1336	21.06.2025	Jetty CTMS Propylene-(L)	Stream 2 Flowmeter - 6	Flange	0.0	1	100	0.000000	8760	0
1337	21.06.2025	Jetty CTMS Propylene-(L)	Stream 2 Flowmeter - 7	Flange	0.0	1	100	0.000000	8760	0
1338	21.06.2025	Jetty CTMS Propylene-(L)	Stream 2 Flowmeter - 8	Flange	0.0	1	100	0.000000	8760	0
1339	21.06.2025	Jetty CTMS Propylene-(L)	Stream 2 Flowmeter - 9	Flange	0.0	1	100	0.000000	8760	0
1340	21.06.2025	Jetty CTMS Propylene-(L)	Stream 2 Flowmeter - 10	Flange	0.0	1	100	0.000000	8760	0
1341	21.06.2025	Jetty CTMS Propylene-(L)	Stream 3 Flowmeter - 1	Flange	0.3	1	100	0.000002	8760	0.0173229
1342	21.06.2025	Jetty CTMS Propylene-(L)	Stream 3 Flowmeter - 2	Flange	0.0	1	100	0.000000	8760	0
1343	21.06.2025	Jetty CTMS Propylene-(L)	Stream 3 Flowmeter - 3	Flange	0.2	1	100	0.000001	8760	0.0130265
1344	21.06.2025	Jetty CTMS Propylene-(L)	Stream 3 Flowmeter - 4	Flange	0.1	1	100	0.000001	8760	0.0080021
1345	21.06.2025	Jetty CTMS Propylene-(L)	Stream 3 Flowmeter - 5	Flange	0.0	1	100	0.000000	8760	0
1346	21.06.2025	Jetty CTMS Propylene-(L)	Stream 3 Flowmeter - 6	Flange	0.0	1	100	0.000000	8760	0
1347	21.06.2025	Jetty CTMS Propylene-(L)	Stream 3 Flowmeter - 7	Flange	0.0	1	100	0.000000	8760	0
1348	21.06.2025	Jetty CTMS Propylene-(L)	Stream 3 Flowmeter - 8	Flange	0.0	1	100	0.000000	8760	0
1349	21.06.2025	Jetty CTMS Propylene-(L)	Stream 3 Flowmeter - 9	Flange	0.0	1	100	0.000000	8760	0
1350	21.06.2025	Jetty CTMS Propylene-(L)	Stream 3 Flowmeter - 10	Flange	0.0	1	100	0.000000	8760	0
1351	21.06.2025	Jetty CTMS Propylene-(L)	Stream 4 Flowmeter - 1	Flange	0.0	1	100	0.000000	8760	0
1352	21.06.2025	Jetty CTMS Propylene-(L)	Stream 4 Flowmeter - 2	Flange	0.0	1	100	0.000000	8760	0

1353	21.06.2025	Jetty CTMS Propylene-(L)	Stream 4 Flowmeter - 3	Flange	0.0	1	100	0.000000	8760	0
1354	21.06.2025	Jetty CTMS Propylene-(L)	Stream 4 Flowmeter - 4	Flange	0.0	1	100	0.000000	8760	0
1355	21.06.2025	Jetty CTMS Propylene-(L)	Stream 4 Flowmeter - 5	Flange	0.0	1	100	0.000000	8760	0
1356	21.06.2025	Jetty CTMS Propylene-(L)	Stream 4 Flowmeter - 6	Flange	0.0	1	100	0.000000	8760	0
1357	21.06.2025	Jetty CTMS Propylene-(L)	Stream 4 Flowmeter - 7	Flange	0.0	1	100	0.000000	8760	0
1358	21.06.2025	Jetty CTMS Propylene-(L)	Stream 4 Flowmeter - 8	Flange	0.0	1	100	0.000000	8760	0
1359	21.06.2025	Jetty CTMS Propylene-(L)	Stream 4 Flowmeter - 9	Flange	0.0	1	100	0.000000	8760	0
1360	21.06.2025	Jetty CTMS Propylene-(L)	Stream 4 Flowmeter - 10	Flange	0.0	1	100	0.000000	8760	0
1361	21.06.2025	Jetty CTMS Propylene-(L)	CTMS U/S Ringspacer	Flange	0.0	1	100	0.000000	8760	0
1362	21.06.2025	Jetty CTMS Propylene-(L)	PCV U/S HOV Up Stream	Flange	0.2	1	100	0.000001	8760	0.0130265
1363	21.06.2025	Jetty CTMS Propylene-(L)	PCV U/S HOV Down Stream	Flange	0.1	1	100	0.000001	8760	0.0080021
1364	21.06.2025	Jetty CTMS Propylene-(L)	PCV D/S HOV Up Stream	Flange	0.0	1	100	0.000000	8760	0
1365	21.06.2025	Jetty CTMS Propylene-(L)	PCV D/S HOV Down Stream	Flange	0.0	1	100	0.000000	8760	0
1366	21.06.2025	Jetty CTMS Propylene-(L)	PCV Up Stream	Flange	0.0	1	100	0.000000	8760	0
1367	21.06.2025	Jetty CTMS Propylene-(L)	PCV Down Stream	Flange	0.0	1	100	0.000000	8760	0
1368	21.06.2025	Jetty CTMS Propylene-(L)	PCV U/S LPD	Flange	0.0	1	100	0.000000	8760	0
1369	21.06.2025	Jetty CTMS Propylene-(L)	PCV D/S LPD	Flange	0.0	1	100	0.000000	8760	0
1370	21.06.2025	Jetty CTMS Propylene-(L)	PCV U/S PT	Flange	0.0	1	100	0.000000	8760	0
1371	21.06.2025	Jetty CTMS Propylene-(L)	PCV D/S PT	Flange	0.0	1	100	0.000000	8760	0
1372	21.06.2025	Jetty CTMS Propylene-(L)	PCV D/S PSV	Flange	0.0	1	100	0.000000	8760	0
1373	21.06.2025	Jetty CTMS Propylene-(L)	PSV U/S & D/S HOV - 1 Up Stream	Flange	0.6	1	100	0.000003	8760	0.0281998
1374	21.06.2025	Jetty CTMS Propylene-(L)	PSV U/S & D/S HOV - 1 Down Stream	Flange	0.2	1	100	0.000001	8760	0.0130265
1375	21.06.2025	Jetty CTMS Propylene-(L)	PSV U/S & D/S HOV - 2 Up Stream	Flange	0.1	1	100	0.000001	8760	0.0080021
1376	21.06.2025	Jetty CTMS Propylene-(L)	PSV U/S & D/S HOV - 2 Down Stream	Flange	0.1	1	100	0.000001	8760	0.0080021
1377	21.06.2025	Jetty CTMS Propylene-(L)	PSV U/S & D/S LPD Up Stream	Flange	0.0	1	100	0.000000	8760	0
1378	21.06.2025	Jetty CTMS Propylene-(L)	PSV U/S & D/S LPD Down Stream	Flange	0.0	1	100	0.000000	8760	0
1379	21.06.2025	Jetty CTMS Propylene-(L)	CTMS D/S HPV	Flange	0.0	1	100	0.000000	8760	0
1380	21.06.2025	Jetty CTMS Propylene-(L)	Prover U/S & D/S Spool Up Stream	Flange	0.0	1	100	0.000000	8760	0
1381	21.06.2025	Jetty CTMS Propylene-(L)	Prover U/S & D/S Spool Down Stream	Flange	0.0	1	100	0.000000	8760	0
1382	21.06.2025	Jetty CTMS Propylene-(L)	Prover Inlet & Outlet MOV -1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
1383	21.06.2025	Jetty CTMS Propylene-(L)	Prover Inlet & Outlet MOV -1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1384	21.06.2025	Jetty CTMS Propylene-(L)	Prover Inlet & Outlet MOV -2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
1385	21.06.2025	Jetty CTMS Propylene-(L)	Prover Inlet & Outlet MOV -2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1386	21.06.2025	Jetty CTMS Propylene-(L)	Prover Spool Up Stream	Flange	0.0	1	100	0.000000	8760	0
1387	21.06.2025	Jetty CTMS Propylene-(L)	Prover Spool Down Stream	Flange	0.0	1	100	0.000000	8760	0
1388	21.06.2025	Jetty CTMS Propylene-(L)	Prover PT HOV Up Stream	Flange	0.0	1	100	0.000000	8760	0
1389	21.06.2025	Jetty CTMS Propylene-(L)	Prover PT HOV Down Stream	Flange	0.0	1	100	0.000000	8760	0
1390	21.06.2025	Jetty CTMS Propylene-(L)	Prover Spare Connection-1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
1391	21.06.2025	Jetty CTMS Propylene-(L)	Prover Spare Connection-1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1392	21.06.2025	Jetty CTMS Propylene-(L)	Prover Spare Connection-2 Up Stream	Flange	0.2	1	100	0.000001	8760	0.0130265
1393	21.06.2025	Jetty CTMS Propylene-(L)	Prover Spare Connection-2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1394	21.06.2025	Jetty CTMS Propylene-(L)	Prover PSV	Flange	0.0	1	100	0.000000	8760	0
1395	21.06.2025	Jetty CTMS Propylene-(L)	Prover Vent Hov - 1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
1396	21.06.2025	Jetty CTMS Propylene-(L)	Prover Vent Hov - 1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1397	21.06.2025	Jetty CTMS Propylene-(L)	Prover Vent Hov - 2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
1398	21.06.2025	Jetty CTMS Propylene-(L)	Prover Vent Hov - 2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1399	21.06.2025	Jetty CTMS Propylene-(L)	Prover LPD	Flange	0.0	1	100	0.000000	8760	0
1400	21.06.2025	Jetty CTMS Propylene-(L)	Prover LPD UP Stream	Flange	0.0	1	100	0.000000	8760	0
1401	21.06.2025	Jetty CTMS Propylene-(L)	Prover LPD Down Stream	Flange	0.0	1	100	0.000000	8760	0
1402	21.06.2025	Jetty CTMS Propylene-(L)	Drain Hov -1 UP Stream	Flange	0.0	1	100	0.000000	8760	0
1403	21.06.2025	Jetty CTMS Propylene-(L)	Drain Hov -1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1404	21.06.2025	Jetty CTMS Propylene-(L)	Drain Hov -2 UP Stream	Flange	0.0	1	100	0.000000	8760	0
1405	21.06.2025	Jetty CTMS Propylene-(L)	Drain Hov -2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1406	21.06.2025	Jetty CTMS Propylene-(L)	Drain Hov -3 UP Stream	Flange	0.0	1	100	0.000000	8760	0
1407	21.06.2025	Jetty CTMS Propylene-(L)	Drain Hov -3 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1408	21.06.2025	Jetty CTMS Propylene-(L)	Drain Hov -4 UP Stream	Flange	0.0	1	100	0.000000	8760	0
1409	21.06.2025	Jetty CTMS Propylene-(L)	Drain Hov -4 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1410	21.06.2025	Jetty CTMS Propylene-(L)	Drain Hov -5 UP Stream	Flange	0.0	1	100	0.000000	8760	0
1411	21.06.2025	Jetty CTMS Propylene-(L)	Drain Hov -5 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1412	21.06.2025	Jetty CTMS Propylene-(L)	Drain Hov -6 UP Stream	Flange	0.1	1	100	0.000001	8760	0.0080021
1413	21.06.2025	Jetty CTMS Propylene-(L)	Drain Hov -6 Down Stream	Flange	0.0	1	100	0.000000	8760	0
1414	21.06.2025	Jetty CTMS Propylene-(L)	Drain to Vapour Line HOV Up Stream	Flange	0.0	1	100	0.000000	8760	0
1415	21.06.2025	Jetty CTMS Propylene-(L)	Drain to Vapour Line HOV Down Stream	Flange	0.0	1	100	0.000000	8760	0
1416	21.06.2025	Jetty CTMS Propylene-(L)	Drain to Vapour Line NRV Up Stream	Flange	0.0	1	100	0.000000	8760	0

1417	21.06.2025	Jetty CTMS Propylene-(L)	Drain to Vapour Line NRV Down Stream	Flange	0.1	1	100	0.000001	8760	0.0080021

REPORT ON

LDAR MONITORING AT INDIAN OIL ADANI VENTURES LIMITED BOOT # 3 IOCL PARADIP SEPTEMBER 2025

SUBMITTED TO

IndianOil Adani Ventures

INDIAN OIL ADANI VENTURES LIMITED

(Formerly Indian Oiltanking Limited)

Paradip BOOT TRM 80005, Indian Oil Adani Ventures, BOOT-3 Terminal,
IOCL Refinery, Jagatsingpur, Paradip, Odisha, PIN-754141

SUBMITTED BY:

SGS

SGS India Private Limited
CS Plot-512 (P), Mouza, Hanspukuria,
Diamond Harbour Road, PO-Joka,South 24Parganas
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per pro SGS India Private Ltd.

Authorized Signatory

1 Introduction

SGS India Private Limited has been contracted to conduct LDAR monitoring at BOOT # 3 & SOJ of IOCL Paradip for 2021-2022 period. Accordingly the measurement of the identified fugitive emission sources within the study area to detect leaking components as per USEPA 21 Guideline were conducted during November-December 2021. Although the leak definition as per CPCB guideline is 3000 ppmv and 5000 ppmv, M/s IOT wanted SGS to report any source emission above 300 ppmv.

1.1 About Industry

Indian Oil Adani Ventures Limited (formally known as Indian Oil tanking) jointly owned by Indian Oil Corporation and APSEZ provides Infrastructure-led terminalling services to Petroleum, Petrochemical and Chemical companies in India since 1996. Over the past 22 years, the company has evolved into an integrated services provider with niche capabilities in Engineering, Build Capabilities, Operations and Maintenance (O&M) of Storage Terminals. Currently, we operate six terminals in India through various business models including BOO/BOOT (Build, Own, Operate/Transfer) and O&M.

The company brought the concept of independent terminalling in India for Petroleum products, wherein the operator does not own the product and provides services to users on a common user basis. It has pioneered the concepts of 'Build & Own' (BO), 'Build Own Operate' (BOO), BOO & Transfer (BOOT), Operations & Maintenance of third party terminals in India.

The company has also set up a first-of-its kind crude oil and petroleum product storage BOOT project inside Indian Oil Corporation's refinery at Paradip on India's East Coast, wherein the entire offsite storage of crude and finished products has been built.

PARADIP TERMINAL FACTS

Tank Capacity 1,513,968 cbm

Tanks 51

Tank Types Mild steel, pressure vessel steel

Access Types **-** Vessels, Tank Trucks, Pipeline, Berth

No. of Berths **-** 1

Products **-** Clean Petroleum Products, Crude Oil, Gases

Services **-** Pipeline connections to refineries, Tank-to-tank transfer, Vessel loading and unloading, Truck loading, Blending services, Homogenizing

2 Sampling Schedule & Report Number

KE25-001922.001 From 26.09.2025 to 29.09.2025

3 Objective

The objective of the studies to Identifying potential fugitive emission sources and quantification of the fugitive emission during oil production in terminals.

A typical industry can emit tons per year of VOCs from leaking equipment, such as valves, connectors, pumps, sampling connections, compressors, pressure relief devices and open-ended lines etc. Process components covering all joints as mentioned above are monitored under "fugitive emission monitoring" program covering all the components in Boot # 3 & SOJ.

4 Present study

a) Carry out onsite detection through physical scanning for leaks and vented emissions (if any) in the operating assets using portable analyzer according USEPA Method 21 (sniffing method).

b) Monitoring and measurement of the identified fugitive emission sources within the study area and tagging the detected leaking components.

c) The outcome of the study shall focus on the details the programme undertaken, methodology, findings, monitored fugitive emissions rates, conclusion and recommendations for improvement.

5 Scope of Work

- Fugitive emission monitoring at IOCL Paradip (Boot # 3 & SOJ) terminal.
- Monitoring and measurement of the identified fugitive emission sources (supplied by IOT) within the study area and tagging the detected leaking components as per USEPA method 21.

About LDAR:

Leak Detection and Repair (LDAR) is a program implemented to comply with environmental regulations for reducing the fugitive emissions of targeted chemicals into the environment. Several standards such as *Maximum Achievable Control Technology* (MACT) standards, *New Source Performance Standards* (NSPS), *National Emissions Standards for Hazardous Air Pollutants* (NESHAP) and Central Pollution Control Board (CPCB) require the monitoring and reporting of these fugitive emissions from process equipment.

Process components covering Boot # 3 and SOJ were monitored as LDAR and covered all the components in the process plant. The environmental regulations are prescribed LDAR programs as a means of reducing emissions have very specific standards and applied to a monitoring and repair program. The LDAR study included the following protocols:

- **Types of components (pumps, valves, connectors, Flanges etc.) to be monitored** – All the sources assumed to be leaking source are monitored as per the USEPA Method 21 Protocol.
- **Measured concentration in PPM that indicates a leak** – Emission source is measured at PPM (parts per million) level.
- **Frequency of monitoring** – As per EPA act 1986 page 409, Fugitive emission monitoring program is undertaken every year (including Heat Exchangers and Pump seal as a part of Quarterly Monitoring).
- Method of monitoring
- **Actions to be taken if a leak is discovered** – A leak source above the limit as per EPA act should be reported and repaired immediately and the sources emitting the leak under the limit should be reported and an appropriate action should be undertaken.

- **Length of time in which an initial attempt to repair the leak must be performed** – Depending upon the nature of leak source, a leak source above the limits as per EPA guidelines should be reported and repaired immediately.
- **Actions that must be taken if a leak cannot be repaired within guidelines** – A proper action should be undertaken as a leaking source contributes in air pollution.
- **Record-keeping and reporting requirements** – A proper record should be maintained so that the leak source can be monitored again to see discrepancies if any.

Affected Sources: Each pump, compressor, pressure relief device, sampling connection system, open-ended valve or line, flange and connector that contains or contacts a fluid or gas, that is exceeding more than 5000ppm of pump and compressor seals and 3000 ppm other components is an affected source.

Equipment Leak: A leak is defined as greater than or equal to 3,000 & 5000 ppmv as methane, for organic compounds, as determined by EPA Reference Method 21. Most of the emissions are from valves and connectors because these are most prevalent components and can number in the thousands. The major cause of emissions from valves and connectors is seal or gasket failure due to normal wear or improper maintenance. More than 90% of emissions from the leaking equipment with valves are being the most significant source. The open-ended lines and sampling connections account for as much as 5 – 10% of total VOC emissions from equipment leaks.

Minimum Requirements for an Acceptable Organic LDAR Program:

- Each affected source is screened initially using USEPA Method 21.
- Monthly visual inspections must be performed by industry on each affected source for signs of leakage (e.g. dripping liquid, spraying, misting, clouding, ice formation, distinctive odors, etc.).

- Monitoring of each affected source is to be conducting quarterly using Method 21.

All potential leak points associated with a component must be identified and screened for leaks. The detected leaks by Method 21 test was tagged and repaired. The leak sources are measured after repair and the same is recorded.

6 Methodology of the study:

USEPA Method – 21 was followed to monitor source emissions at IOT/IOCL Paradip.

6.1 Individual Source Surveys.

Leak Definition Based on Concentration. Place the probe inlet at the surface of the component interface where leakage could occur. Move the probe along the interface periphery while

observing the instrument readout. If an increased meter reading is observed, slowly sample the interface where leakage is indicated until the maximum meter reading is obtained. Leave the probe inlet at this maximum reading location for approximately two times the instrument response time. If the maximum observed meter reading is greater than the leak definition in the applicable regulation, record and report the results as specified in the regulation reporting requirements. Examples of the application of this general technique to specific equipment types are:

- Valves - The most common source of leaks from valves is the seal between the stem and housing.

Place the probe at the interface where the stem exits the packing gland and sample the stem circumference. Also, place the probe at the interface of the packing gland take-up flange seat and sample the periphery. In addition, survey valve housings of multipart assembly at the surface of all interfaces where a leak could occur.

- Flanges and Other Connections - For welded flanges, place the probe at the outer edge of the flange-gasket interface and sample the circumference of the flange. Sample other types of nonpermanent joints (such as threaded connections) with a similar traverse.

- Pumps and Compressors - Conduct a circumferential traverse at the outer surface of the pump or compressor shaft and seal interface. If the source is a rotating shaft, position the probe inlet within 1 cm of the shaft-seal interface for the survey. If the housing configuration prevents a complete traverse of the shaft periphery, sample all accessible portions. Sample all other joints on the pump or compressor housing where leakage could occur.

- Pressure Relief Devices - The configuration of most pressure relief devices prevents sampling at the sealing seat interface. For those devices equipped with an enclosed extension, or horn, place the probe inlet at approximately the center of the exhaust area to the atmosphere.

- Process Drains - For open drains, place the probe inlet at approximately the center of the area open to the atmosphere. For covered drains, place the probe at the surface of the cover interface and conduct a peripheral traverse.

- Access door seals. Place the probe inlet at the surface of the door seal interface and conduct a peripheral traverse.

Calculation:

(Reference – EPA 1995 Protocol for Equipment Leak Emission Estimation Table 2-10)

Component Type	Default Zero Factor [Kg/hr]	Correlation Equation [Kg/hr]
Valves	[7.8E-06]	[2.29E-06(SV)^0.746]
Pump Seals	[1.9E-05]	[5.03E-05(SV)^0.610]
Others	[4.0E-06]	[1.36E-05(SV)^0.589]
Connectors	[7.5E-06]	[1.53E-06(SV)^0.735]
Flanges	[3.1E-07]	[4.61E-06(SV)^0.703]
Open-ended Lines	[2.0E-06]	[2.20E-06(SV)^0.704]

The default zero factors apply only when the screening value(SV) corrected for background equals 0 ppmv.

The correlation equations apply for actual screening values, corrected for background.

The “other” component type includes instruments, loading arms, pressure relief valves, vents, compressors, dump lever arms, diaphragms, drains, hatches, meters and polished rods stuffing boxes. This “other” component type should be applied for any component type other than connectors, flanges, open-ended lines, pumps or valves.

For example,

Reference USEPA-Method-21)

The screening value (SV) concentration in Valves is 2600 ppm

= RF (% of VOC Flow/100) *0.0000023*SV^0.746

RF = Response Factor = 1

Response Factors of Different Volatiles (USEPA Method-21):	
Gasoline Vapors	1.05
Naphtha	1.0
Heavy Oil	1.1
Petrol & Diesel	0.8
Gasoline Vapors 2	0.7
Light Oil	1.0

% of VOC Flow = material passing on that particular pipe line.

0.00000227 = Correlation factor

SV = Screening Value in ppm

If we will apply all the values in the below formula

= RF (% of VOC Flow/100) *0.0000023*SV^0.746

= 1 (100/100) *0.0000023*2600^0.746

= 0.002291 kg/hr

Total hours of operation per year are 8760 (24 hours x 365 days)

The volatile emission = 20.069133 Kgs/year.

SUMMARY OF THE STUDY

SGS has monitored more than four thousand three hundred fifty-seven points in study area selected by IOT at IOCL Paradip Boot # 3 area and more than one thousand points at the Berth at Paradip Port.

TEST RESULTS

SUMMARY SHEET OF TVOC EMISSION MEASUREMENT			
UNIT	**NO. OF POINT MEASURE**	**TOTAL VOC EMISSION IN kg/Hr.**	**TOTAL VOC EMISSION IN kg/Year**
Boot # 3	**4357**	**0.002291**	**20.069133**
SOJ	**1550**	**0.000242**	**2.121975**
TOTAL POINTS	**5907**	**0.002533**	**22.191108**

CONCLUSION:

The results are submitted component wise in the enclosed Annexure-1 As per CPCB guidelines no components detected with more than the standard values of 3000ppmv and 5000ppmv. Hence no recommendations are given for repairing of any leakage sources. However M/s IOT wanted SGS to report any source emission above 300 ppmv and accordingly SGS has tagged and reported for the points with emission of 300 ppmv and above.

Based on the concentration of VOC no points detected at BOOT # 3 in the month of September 2025.

Based on the calculation and concentrations of VOC in the equipment, we took default value 1 & 0.8 for Response Factor (RF) as per the product in the lines.

ANNEXURE – 1

TEST RESULTS (BOOT # 3)

(Page 1 to 58)

LDAR points BOOT#3

S.NO	Date	Unit	Component ID & Location	Type	SCREEING VALUE OF VOC (ppm)	RF	% of VOC FLOW	Kg/Hrs.	HOURS OF OPERATION	Kg/Year
1	26-09-2025	LPG PUMP HOUSE-6 PUMP 205 - P-001A	1 SUCTION HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
2	26-09-2025	LPG PUMP HOUSE-6 PUMP 205 - P-001A	1 SUCTION HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3	26-09-2025	LPG PUMP HOUSE-6 PUMP 205 - P-001A	1 BT SUCTION HOV-1- UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
4	26-09-2025	LPG PUMP HOUSE-6 PUMP 205 - P-001A	1BT SUCTION HOV-1-down steam	Flange	0.2	1	100	0.000001	8760	0.013027
5	26-09-2025	LPG PUMP HOUSE-6 PUMP 205 - P-001A	STRAINER FLANGE	Flange	0.1	1	100	0.000001	8760	0.008002
6	26-09-2025	LPG PUMP HOUSE-6 PUMP 205 - P-001A	STRAINER FLANGE HOV UP STEAM	Flange	0.4	1	100	0.000002	8760	0.021206
7	26-09-2025	LPG PUMP HOUSE-6 PUMP 205 - P-001A	STRAINER FLANGE HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
8	26-09-2025	LPG PUMP HOUSE-6 PUMP 205 - P-001A	PUMP SEAL	Pump Seal	0.3	1	100	0.000002	8760	0.017323
9	26-09-2025	LPG PUMP HOUSE-6 PUMP 205 - P-001A	NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
10	26-09-2025	LPG PUMP HOUSE-6 PUMP 205 - P-001A	NRV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
11	26-09-2025	LPG PUMP HOUSE-6 PUMP 205 - P-001A	DISCHARGE HOV UP STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
12	26-09-2025	LPG PUMP HOUSE-6 PUMP 205 - P-001A	DISCHARGE HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
13	26-09-2025	LPG PUMP HOUSE-6 PUMP 205 - P-001A	HOV-2-UP STEAM	Flange	0.4	1	100	0.000002	8760	0.021206
14	26-09-2025	LPG PUMP HOUSE-6 PUMP 205 - P-001A	HOV-2-down steam	Flange	0.1	1	100	0.000001	8760	0.008002
15	26-09-2025	LPG PUMP HOUSE-6 PUMP 205 - P-001A	LT FLARE HOV UP STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
16	26-09-2025	LPG PUMP HOUSE-6 PUMP 205 - P-001A	LT FLARE HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
17	26-09-2025	LPG PUMP HOUSE-6 PUMP 205 - P-001A	LT FLARE NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
18	26-09-2025	LPG PUMP HOUSE-6 PUMP 205 - P-001A	LT FLARE NRV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
19	26-09-2025	LPG PUMP HOUSE PUMP 205 - P-001B	1 SUCTION HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
20	26-09-2025	LPG PUMP HOUSE PUMP 205 - P-001B	1 SUCTION HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
21	26-09-2025	LPG PUMP HOUSE PUMP 205 - P-001B	1 BT SUCTION HOV-1- UP steam	Flange	0.2	1	100	0.000001	8760	0.013027
22	26-09-2025	LPG PUMP HOUSE PUMP 205 - P-001B	1BT SUCTION HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
23	26-09-2025	LPG PUMP HOUSE PUMP 205 - P-001B	STRAINER FLANGE	Flange	0.2	1	100	0.000001	8760	0.013027
24	26-09-2025	LPG PUMP HOUSE PUMP 205 - P-001B	STRAINER FLANGE HOV UP STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
25	26-09-2025	LPG PUMP HOUSE PUMP 205 - P-001B	STRAINER FLANGE HOV DOWN STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
26	26-09-2025	LPG PUMP HOUSE PUMP 205 - P-001B	PUMP SEAL	Pump Seal	0.1	1	100	0.000001	8760	0.008002
27	26-09-2025	LPG PUMP HOUSE PUMP 205 - P-001B	NRV UP STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
28	26-09-2025	LPG PUMP HOUSE PUMP 205 - P-001B	NRV DOWN STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
29	26-09-2025	LPG PUMP HOUSE PUMP 205 - P-001B	DISCHARGE HOV UP STEAM	Flange	0.3	1	100	0.000002	8760	0.017323
30	26-09-2025	LPG PUMP HOUSE PUMP 205 - P-001B	DISCHARGE HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
31	26-09-2025	LPG PUMP HOUSE PUMP 205 - P-001B	HOV-2-UP STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
32	26-09-2025	LPG PUMP HOUSE PUMP 205 - P-001B	HOV-2-down steam	Flange	0.4	1	100	0.000002	8760	0.021206
33	26-09-2025	LPG PUMP HOUSE PUMP 205 - P-001B	LT FLARE HOV UP STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
34	26-09-2025	LPG PUMP HOUSE PUMP 205 - P-001B	LT FLARE HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
35	26-09-2025	LPG PUMP HOUSE PUMP 205 - P-001B	LT FLARE NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
36	26-09-2025	LPG PUMP HOUSE PUMP 205 - P-001B	LT FLARE NRV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
37	26-09-2025	LPG PUMP HOUSE PUMP 205 - P-001C	1 SUCTION HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
38	26-09-2025	LPG PUMP HOUSE PUMP 205 - P-001C	1 SUCTION HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
39	26-09-2025	LPG PUMP HOUSE PUMP 205 - P-001C	1 BT SUCTION HOV-1- UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
40	26-09-2025	LPG PUMP HOUSE PUMP 205 - P-001C	1BT SUCTION HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
41	26-09-2025	LPG PUMP HOUSE PUMP 205 - P-001C	STRAINER FLANGE	Flange	0.2	1	100	0.000001	8760	0.013027
42	26-09-2025	LPG PUMP HOUSE PUMP 205 - P-001C	STRAINER FLANGE HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
43	26-09-2025	LPG PUMP HOUSE PUMP 205 - P-001C	STRAINER FLANGE HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
44	26-09-2025	LPG PUMP HOUSE PUMP 205 - P-001C	PUMP SEAL	Pump Seal	0.0	1	100	0.000000	8760	0.000000
45	26-09-2025	LPG PUMP HOUSE PUMP 205 - P-001C	NRV UP STEAM	Flange	0.3	1	100	0.000002	8760	0.017323
46	26-09-2025	LPG PUMP HOUSE PUMP 205 - P-001C	NRV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
47	26-09-2025	LPG PUMP HOUSE PUMP 205 - P-001C	DISCHARGE HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
48	26-09-2025	LPG PUMP HOUSE PUMP 205 - P-001C	DISCHARGE HOV DOWN STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
49	26-09-2025	LPG PUMP HOUSE PUMP 205 - P-001C	HOV-2-UP STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
50	26-09-2025	LPG PUMP HOUSE PUMP 205 - P-001C	HOV-2-down steam	Flange	0.1	1	100	0.000001	8760	0.008002
51	26-09-2025	LPG PUMP HOUSE PUMP 205 - P-001C	LT FLARE HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
52	26-09-2025	LPG PUMP HOUSE PUMP 205 - P-001C	LT FLARE HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
53	26-09-2025	LPG PUMP HOUSE PUMP 205 - P-001C	LT FLARE NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
54	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001C	LT FLARE NRV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
55	26-09-2025	LPG AREA MOUND I BULLET 205-V-003	BULLET INLET XZV 0001 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
56	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001D	1 SUCTION HOV-1-UP steam	Flange	0.2	1	100	0.000001	8760	0.013027
57	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001D	1 SUCTION HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
58	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001D	1 BT SUCTION HOV-1- UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
59	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001D	1BT SUCTION HOV-1-down steam	Flange	0.1	1	100	0.000001	8760	0.008002
60	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001D	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
61	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001D	STRAINER FLANGE HOV UP STEAM	Flange	0.7	1	100	0.000004	8760	0.031427
62	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001D	STRAINER FLANGE HOV DOWN STEAM	Flange	0.8	1	100	0.000004	8760	0.034521
63	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001D	PUMP SEAL	Pump Seal	1.4	1	100	0.000006	8760	0.051160
64	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001D	NRV UP STEAM	Flange	1.2	1	100	0.000005	8760	0.045906
65	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001D	NRV DOWN STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
66	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001D	DISCHARGE HOV UP STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
67	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001D	DISCHARGE HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
68	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001D	HOV-2-UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
69	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001D	HOV-2-down steam	Flange	0.2	1	100	0.000001	8760	0.013027
70	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001D	LT FLARE HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
71	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001D	LT FLARE HOV DOWN STEAM	Flange	0.4	1	100	0.000002	8760	0.021206
72	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001D	LT FLARE NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
73	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001D	LT FLARE NRV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
74	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001E	1 SUCTION HOV-1-UP steam	Flange	0.1	1	100	0.000001	8760	0.008002
75	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001E	1 SUCTION HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
76	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001E	1 BT SUCTION HOV-1- UP steam	Flange	0.2	1	100	0.000001	8760	0.013027
77	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001E	1BT SUCTION HOV-1-down steam	Flange	0.4	1	100	0.000002	8760	0.021206
78	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001E	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
79	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001E	STRAINER FLANGE HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
80	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001E	STRAINER FLANGE HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
81	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001E	PUMP SEAL	Pump Seal	0.2	1	100	0.000001	8760	0.013027
82	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001E	NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
83	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001E	NRV DOWN STEAM	Flange	0.1	1	100	0.000001	8760	0.008002

84	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001E	DISCHARGE HOV UP STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
85	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001E	DISCHARGE HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
86	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001E	HOV-2-UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
87	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001E	HOV-2-down steam	Flange	0.4	1	100	0.000002	8760	0.021206
88	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001E	LT FLARE HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
89	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001E	LT FLARE HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
90	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001E	LT FLARE NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
91	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001E	LT FLARE NRV DOWN STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
92	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001F	1 SUCTION HOV-1-UP steam	Flange	0.1	1	100	0.000001	8760	0.008002
93	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001F	1 SUCTION HOV-1-down steam	Flange	0.1	1	100	0.000001	8760	0.008002
94	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001F	1 BT SUCTION HOV-1- UP steam	Flange	0.1	1	100	0.000001	8760	0.008002
95	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001F	1BT SUCTION HOV-1-down steam	Flange	0.4	1	100	0.000002	8760	0.021206
96	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001F	STRAINER FLANGE	Flange	0.5	1	100	0.000003	8760	0.024807
97	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001F	STRAINER FLANGE HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
98	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001F	STRAINER FLANGE HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
99	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001F	PUMP SEAL	Pump Seal	0.0	1	100	0.000000	8760	0.000000
100	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001F	NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
101	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001F	NRV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
102	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001F	DISCHARGE HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
103	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001F	DISCHARGE HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
104	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001F	HOV-2-UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
105	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001F	HOV-2-down steam	Flange	2.1	1	100	0.000008	8760	0.068034
106	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001F	LT FLARE HOV UP STEAM	Flange	1.4	1	100	0.000006	8760	0.051160
107	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001F	LT FLARE HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
108	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001F	LT FLARE NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
109	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-001F	LT FLARE NRV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
110	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027A	1 SUCTION HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
111	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027A	1 SUCTION HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
112	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027A	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
113	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027A	STRAINER FLANGE HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
114	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027A	STRAINER FLANGE HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
115	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027A	PUMP SEAL	Pump Seal	0.4	1	100	0.000002	8760	0.021206
116	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027A	NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
117	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027A	NRV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
118	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027A	DISCHARGE HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
119	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027A	DISCHARGE HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
120	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027A	LT FLARE HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
121	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027A	LT FLARE HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
122	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027A	LT FLARE NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
123	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027A	LT FLARE NRV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
124	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027B	1 SUCTION HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
125	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027B	1 SUCTION HOV-1-down steam	Flange	0.2	1	100	0.000001	8760	0.013027
126	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027B	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
127	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027B	STRAINER FLANGE HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
128	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027B	STRAINER FLANGE HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
129	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027B	PUMP SEAL	Pump Seal	0.0	1	100	0.000000	8760	0.000000
130	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027B	NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
131	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027B	NRV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
132	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027B	DISCHARGE HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
133	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027B	DISCHARGE HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
134	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027B	LT FLARE HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
135	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027B	LT FLARE HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
136	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027B	LT FLARE NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
137	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027B	LT FLARE NRV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
138	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027C	1 SUCTION HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
139	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027C	1 SUCTION HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
140	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027C	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
141	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027C	STRAINER FLANGE HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
142	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027C	STRAINER FLANGE HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
143	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027C	PUMP SEAL	Pump Seal	0.0	1	100	0.000000	8760	0.000000
144	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027C	NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
145	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027C	NRV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
146	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027C	DISCHARGE HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
147	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027C	DISCHARGE HOV DOWN STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
148	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027C	LT FLARE HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
149	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027C	LT FLARE HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
150	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027C	LT FLARE NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
151	26-09-2025	LPG PUMP HOUSE- 5 PUMP 205 - P-027C	LT FLARE NRV DOWN STEAM	Flange	0.4	1	100	0.000002	8760	0.021206
152	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028A	1 SUCTION HOV-1-UP steam	Flange	1.4	1	100	0.000006	8760	0.051160
153	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028A	1 SUCTION HOV-1-down steam	Flange	0.9	1	100	0.000004	8760	0.037501
154	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028A	STRAINER FLANGE	Flange	1.2	1	100	0.000005	8760	0.045906
155	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028A	STRAINER FLANGE HOV UP STEAM	Flange	0.4	1	100	0.000002	8760	0.021206
156	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028A	STRAINER FLANGE HOV DOWN STEAM	Flange	0.8	1	100	0.000004	8760	0.034521
157	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028A	PUMP SEAL	Pump Seal	1.1	1	100	0.000005	8760	0.043182
158	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028A	NRV UP STEAM	Flange	0.7	1	100	0.000004	8760	0.031427
159	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028A	NRV DOWN STEAM	Flange	1.6	1	100	0.000006	8760	0.056195
160	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028A	DISCHARGE HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
161	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028A	DISCHARGE HOV DOWN STEAM	Flange	1.1	1	100	0.000005	8760	0.043182
162	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028A	LT FLARE HOV UP STEAM	Flange	0.4	1	100	0.000002	8760	0.021206
163	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028A	LT FLARE HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
164	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028A	LT FLARE NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
165	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028A	LT FLARE NRV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
166	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028B	1 SUCTION HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
167	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028B	1 SUCTION HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
168	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028B	STRAINER FLANGE	Flange	0.3	1	100	0.000002	8760	0.017323
169	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028B	STRAINER FLANGE HOV UP STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
170	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028B	STRAINER FLANGE HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000

171	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028B	PUMP SEAL	Pump Seal	0.5	1	100	0.000003	8760	0.024807
172	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028B	NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
173	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028B	NRV DOWN STEAM	Flange	1.3	1	100	0.000006	8760	0.048563
174	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028B	DISCHARGE HOV UP STEAM	Flange	0.6	1	100	0.000003	8760	0.028200
175	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028B	DISCHARGE HOV DOWN STEAM	Flange	0.3	1	100	0.000002	8760	0.017323
176	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028B	LT FLARE HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
177	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028B	LT FLARE HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
178	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028B	LT FLARE NRV UP STEAM	Flange	1.4	1	100	0.000006	8760	0.051160
179	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028B	LT FLARE NRV DOWN STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
180	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028C	1 SUCTION HOV-1-UP steam	Flange	2.1	1	100	0.000008	8760	0.068034
181	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028C	1 SUCTION HOV-1-down steam	Flange	1.1	1	100	0.000005	8760	0.043182
182	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028C	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
183	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028C	STRAINER FLANGE HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
184	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028C	STRAINER FLANGE HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
185	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028C	PUMP SEAL	Pump Seal	0.6	1	100	0.000003	8760	0.028200
186	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028C	NRV UP STEAM	Flange	0.7	1	100	0.000004	8760	0.031427
187	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028C	NRV DOWN STEAM	Flange	0.8	1	100	0.000004	8760	0.034521
188	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028C	DISCHARGE HOV UP STEAM	Flange	0.8	1	100	0.000004	8760	0.034521
189	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028C	DISCHARGE HOV DOWN STEAM	Flange	0.4	1	100	0.000002	8760	0.021206
190	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028C	LT FLARE HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
191	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028C	LT FLARE HOV DOWN STEAM	Flange	8.1	1	100	0.000020	8760	0.175740
192	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028C	LT FLARE NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
193	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-028C	LT FLARE NRV DOWN STEAM	Flange	0.3	1	100	0.000002	8760	0.017323
194	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029A	1 SUCTION HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
195	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029A	1 SUCTION HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
196	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029A	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
197	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029A	STRAINER FLANGE HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
198	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029A	STRAINER FLANGE HOV DOWN STEAM	Flange	0.4	1	100	0.000002	8760	0.021206
199	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029A	PUMP SEAL	Pump Seal	0.2	1	100	0.000001	8760	0.013027
200	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029A	NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
201	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029A	NRV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
202	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029A	DISCHARGE HOV UP STEAM	Flange	0.4	1	100	0.000002	8760	0.021206
203	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029A	DISCHARGE HOV DOWN STEAM	Flange	1.3	1	100	0.000006	8760	0.048563
204	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029A	LT FLARE HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
205	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029A	LT FLARE HOV DOWN STEAM	Flange	0.9	1	100	0.000004	8760	0.037501
206	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029A	LT FLARE NRV UP STEAM	Flange	0.6	1	100	0.000003	8760	0.028200
207	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029A	LT FLARE NRV DOWN STEAM	Flange	1.5	1	100	0.000006	8760	0.053703
208	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029B	1 SUCTION HOV-1-UP steam	Flange	1.1	1	100	0.000005	8760	0.043182
209	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029B	1 SUCTION HOV-1-down steam	Flange	0.4	1	100	0.000002	8760	0.021206
210	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029B	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
211	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029B	STRAINER FLANGE HOV UP STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
212	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029B	STRAINER FLANGE HOV DOWN STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
213	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029B	PUMP SEAL	Pump Seal	0.3	1	100	0.000002	8760	0.017323
214	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029B	NRV UP STEAM	Flange	0.9	1	100	0.000004	8760	0.037501
215	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029B	NRV DOWN STEAM	Flange	1.2	1	100	0.000005	8760	0.045906
216	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029B	DISCHARGE HOV UP STEAM	Flange	0.4	1	100	0.000002	8760	0.021206
217	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029B	DISCHARGE HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
218	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029B	LT FLARE HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
219	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029B	LT FLARE HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
220	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029B	LT FLARE NRV UP STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
221	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029B	LT FLARE NRV DOWN STEAM	Flange	0.4	1	100	0.000002	8760	0.021206
222	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029C	1 SUCTION HOV-1-UP steam	Flange	0.8	1	100	0.000004	8760	0.034521
223	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029C	1 SUCTION HOV-1-down steam	Flange	0.3	1	100	0.000002	8760	0.017323
224	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029C	STRAINER FLANGE	Flange	0.8	1	100	0.000004	8760	0.034521
225	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029C	STRAINER FLANGE HOV UP STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
226	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029C	STRAINER FLANGE HOV DOWN STEAM	Flange	1.4	1	100	0.000006	8760	0.051160
227	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029C	PUMP SEAL	Pump Seal	0.3	1	100	0.000002	8760	0.017323
228	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029C	NRV UP STEAM	Flange	0.5	1	100	0.000003	8760	0.024807
229	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029C	NRV DOWN STEAM	Flange	0.3	1	100	0.000002	8760	0.017323
230	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029C	DISCHARGE HOV UP STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
231	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029C	DISCHARGE HOV DOWN STEAM	Flange	0.9	1	100	0.000004	8760	0.037501
232	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029C	LT FLARE HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
233	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029C	LT FLARE HOV DOWN STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
234	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029C	LT FLARE NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
235	26-09-2025	LPG PUMP HOUSE- 9 PUMP 205 - P-029C	LT FLARE NRV DOWN STEAM	Flange	0.4	1	100	0.000002	8760	0.021206
236	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
237	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV-1-down steam	Flange	0.2	1	100	0.000001	8760	0.013027
238	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV-2-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
239	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
240	29-09-2025	LPG PSV PLATFORM MOUND - 1	HOV-1-UP steam	Flange	0.2	1	100	0.000001	8760	0.013027
241	29-09-2025	LPG PSV PLATFORM MOUND - 1	HOV-1-down steam	Flange	0.1	1	100	0.000001	8760	0.008002
242	29-09-2025	LPG PSV PLATFORM MOUND - 1	HOV-2-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
243	29-09-2025	LPG PSV PLATFORM MOUND - 1	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
244	29-09-2025	LPG PSV PLATFORM MOUND - 1	HOV-3-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
245	29-09-2025	LPG PSV PLATFORM MOUND - 1	HOV-3-down steam	Flange	0.7	1	100	0.000004	8760	0.031427
246	29-09-2025	LPG PSV PLATFORM MOUND - 1	HOV-4-UP steam	Flange	0.6	1	100	0.000003	8760	0.028200
247	29-09-2025	LPG PSV PLATFORM MOUND - 1	HOV-4-down steam	Flange	0.3	1	100	0.000002	8760	0.017323
248	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV-1-up steam	Flange	0.1	1	100	0.000001	8760	0.008002
249	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV-1-down steam	Flange	0.1	1	100	0.000001	8760	0.008002
250	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV-2-up steam	Flange	0.1	1	100	0.000001	8760	0.008002
251	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
252	29-09-2025	LPG PSV PLATFORM MOUND - 1	HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
253	29-09-2025	LPG PSV PLATFORM MOUND - 1	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
254	29-09-2025	LPG PSV PLATFORM MOUND - 1	HOV-2-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
255	29-09-2025	LPG PSV PLATFORM MOUND - 1	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
256	29-09-2025	LPG PSV PLATFORM MOUND - 1	HOV-3-UP steam	Flange	0.2	1	100	0.000001	8760	0.013027
257	29-09-2025	LPG PSV PLATFORM MOUND - 1	HOV-3-down steam	Flange	0.2	1	100	0.000001	8760	0.013027

258	29-09-2025	LPG PSV PLATFORM MOUND - 1	HOV-4-UP steam	Flange	0.4	1	100	0.000002	8760	0.021206
259	29-09-2025	LPG PSV PLATFORM MOUND - 1	HOV-4-down steam	Flange	0.3	1	100	0.000002	8760	0.017323
260	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV-1-up steam	Flange	0.1	1	100	0.000001	8760	0.008002
261	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
262	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV-2-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
263	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
264	29-09-2025	LPG PSV PLATFORM MOUND - 1	HOV-1-UP steam	Flange	0.9	1	100	0.000004	8760	0.037501
265	29-09-2025	LPG PSV PLATFORM MOUND - 1	HOV-1-down steam	Flange	0.2	1	100	0.000001	8760	0.013027
266	29-09-2025	LPG PSV PLATFORM MOUND - 1	HOV-2-UP steam	Flange	0.2	1	100	0.000001	8760	0.013027
267	29-09-2025	LPG PSV PLATFORM MOUND - 1	HOV-2-down steam	Flange	0.4	1	100	0.000002	8760	0.021206
268	29-09-2025	LPG PSV PLATFORM MOUND - 1	HOV-3-UP steam	Flange	0.7	1	100	0.000004	8760	0.031427
269	29-09-2025	LPG PSV PLATFORM MOUND - 1	HOV-3-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
270	29-09-2025	LPG PSV PLATFORM MOUND - 1	HOV-4-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
271	29-09-2025	LPG PSV PLATFORM MOUND - 1	HOV-4-down steam	Flange	1.4	1	100	0.000006	8760	0.051160
272	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV-1-up steam	Flange	1.2	1	100	0.000005	8760	0.045906
273	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV-1-down steam	Flange	0.8	1	100	0.000004	8760	0.034521
274	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV-2-up steam	Flange	0.1	1	100	0.000001	8760	0.008002
275	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV-2-down steam	Flange	0.1	1	100	0.000001	8760	0.008002
276	29-09-2025	LPG PSV PLATFORM MOUND - 1	HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
277	29-09-2025	LPG PSV PLATFORM MOUND - 1	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
278	29-09-2025	LPG PSV PLATFORM MOUND - 1	HOV-2-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
279	29-09-2025	LPG PSV PLATFORM MOUND - 1	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
280	29-09-2025	LPG PSV PLATFORM MOUND - 1	HOV-3-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
281	29-09-2025	LPG PSV PLATFORM MOUND - 1	HOV-3-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
282	29-09-2025	LPG PSV PLATFORM MOUND - 1	HOV-4-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
283	29-09-2025	LPG PSV PLATFORM MOUND - 1	HOV-4-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
284	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
285	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
286	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV-2-up steam	Flange	0.2	1	100	0.000001	8760	0.013027
287	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
288	29-09-2025	LPG PSV PLATFORM MOUND - 1	HOV-1-UP steam	Flange	0.1	1	100	0.000001	8760	0.008002
289	29-09-2025	LPG PSV PLATFORM MOUND - 1	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
290	29-09-2025	LPG PSV PLATFORM MOUND - 1	HOV-2-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
291	29-09-2025	LPG PSV PLATFORM MOUND - 1	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
292	29-09-2025	LPG PSV PLATFORM MOUND - 1	HOV-3-UP steam	Flange	0.4	1	100	0.000002	8760	0.021206
293	29-09-2025	LPG PSV PLATFORM MOUND - 1	HOV-3-down steam	Flange	0.2	1	100	0.000001	8760	0.013027
294	29-09-2025	LPG PSV PLATFORM MOUND - 1	HOV-4-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
295	29-09-2025	LPG PSV PLATFORM MOUND - 1	HOV-4-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
296	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
297	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
298	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV-2-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
299	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
300	29-09-2025	LPG PSV PLATFORM MOUND - 1	HOV-1-UP steam	Flange	0.5	1	100	0.000003	8760	0.024807
301	29-09-2025	LPG PSV PLATFORM MOUND - 1	HOV-1-down steam	Flange	0.3	1	100	0.000002	8760	0.017323
302	29-09-2025	LPG PSV PLATFORM MOUND - 1	HOV-2-UP steam	Flange	0.1	1	100	0.000001	8760	0.008002
303	29-09-2025	LPG PSV PLATFORM MOUND - 1	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
304	29-09-2025	LPG PSV PLATFORM MOUND - 1	HOV-3-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
305	29-09-2025	LPG PSV PLATFORM MOUND - 1	HOV-3-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
306	29-09-2025	LPG PSV PLATFORM MOUND - 1	HOV-4-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
307	29-09-2025	LPG PSV PLATFORM MOUND - 1	HOV-4-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
308	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV SMALL FLANGE	Flange	0.2	1	100	0.000001	8760	0.013027
309	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV SMALL FLANGE	Flange	0.1	1	100	0.000001	8760	0.008002
310	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV SMALL FLANGE	Flange	0.3	1	100	0.000002	8760	0.017323
311	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV SMALL FLANGE	Flange	0.1	1	100	0.000001	8760	0.008002
312	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV SMALL FLANGE	Flange	0.1	1	100	0.000001	8760	0.008002
313	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV SMALL FLANGE	Flange	0.1	1	100	0.000001	8760	0.008002
314	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV SMALL FLANGE	Flange	0.1	1	100	0.000001	8760	0.008002
315	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV SMALL FLANGE	Flange	0.2	1	100	0.000001	8760	0.013027
316	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV SMALL FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
317	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV SMALL FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
318	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV SMALL FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
319	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV SMALL FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
320	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV SMALL FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
321	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV SMALL FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
322	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV SMALL FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
323	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV SMALL FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
324	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV SMALL FLANGE	Flange	0.2	1	100	0.000001	8760	0.013027
325	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV SMALL FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
326	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV SMALL FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
327	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV SMALL FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
328	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV SMALL FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
329	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV SMALL FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
330	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV SMALL FLANGE	Flange	0.2	1	100	0.000001	8760	0.013027
331	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV SMALL FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
332	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
333	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
334	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
335	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
336	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
337	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.2	1	100	0.000001	8760	0.013027
338	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.5	1	100	0.000003	8760	0.024807
339	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.7	1	100	0.000004	8760	0.031427
340	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.3	1	100	0.000002	8760	0.017323
341	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.2	1	100	0.000001	8760	0.013027
342	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.1	1	100	0.000001	8760	0.008002
343	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.1	1	100	0.000001	8760	0.008002
344	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.1	1	100	0.000001	8760	0.008002

345	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
346	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
347	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
348	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
349	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
350	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
351	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
352	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
353	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
354	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
355	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
356	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
357	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
358	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
359	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
360	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
361	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
362	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
363	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.1	1	100	0.000001	8760	0.008002
364	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
365	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
366	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
367	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
368	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
369	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.1	1	100	0.000001	8760	0.008002
370	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
371	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
372	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
373	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
374	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.4	1	100	0.000002	8760	0.021206
375	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
376	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
377	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
378	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.2	1	100	0.000001	8760	0.013027
379	29-09-2025	LPG PSV PLATFORM MOUND - 1	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
380	29-09-2025	LPG PSV PLATFORM MOUND - 1	OTHER HOVS	Flange	0.0	1	100	0.000000	8760	0.000000
381	29-09-2025	LPG PSV PLATFORM MOUND - 1	OTHER HOVS	Flange	0.1	1	100	0.000001	8760	0.008002
382	29-09-2025	LPG PSV PLATFORM MOUND - 1	OTHER HOVS	Flange	0.0	1	100	0.000000	8760	0.000000
383	29-09-2025	LPG PSV PLATFORM MOUND - 1	OTHER HOVS	Flange	0.2	1	100	0.000001	8760	0.013027
384	29-09-2025	LPG PSV PLATFORM MOUND - 1	OTHER HOVS	Flange	0.0	1	100	0.000000	8760	0.000000
385	29-09-2025	LPG PSV PLATFORM MOUND - 1	OTHER HOVS	Flange	0.0	1	100	0.000000	8760	0.000000
386	29-09-2025	LPG PSV PLATFORM MOUND - 1	OTHER HOVS	Flange	0.0	1	100	0.000000	8760	0.000000
387	29-09-2025	LPG PSV PLATFORM MOUND - 1	OTHER HOVS	Flange	0.0	1	100	0.000000	8760	0.000000
388	29-09-2025	LPG PSV PLATFORM MOUND - 1	OTHER HOVS	Flange	0.0	1	100	0.000000	8760	0.000000
389	29-09-2025	LPG PSV PLATFORM MOUND - 1	OTHER HOVS	Flange	0.0	1	100	0.000000	8760	0.000000
390	29-09-2025	LPG PSV PLATFORM MOUND - 1	OTHER HOVS	Flange	0.2	1	100	0.000001	8760	0.013027
391	29-09-2025	LPG PSV PLATFORM MOUND - 1	OTHER HOVS	Flange	0.1	1	100	0.000001	8760	0.008002
392	29-09-2025	LPG PSV PLATFORM MOUND - 1	OTHER HOVS	Flange	0.0	1	100	0.000000	8760	0.000000
393	29-09-2025	LPG PSV PLATFORM MOUND - 1	OTHER HOVS	Flange	0.5	1	100	0.000003	8760	0.024807
394	29-09-2025	LPG PSV PLATFORM MOUND - 1	OTHER HOVS	Flange	0.0	1	100	0.000000	8760	0.000000
395	29-09-2025	LPG PSV PLATFORM MOUND - 1	OTHER HOVS	Flange	0.0	1	100	0.000000	8760	0.000000
396	29-09-2025	LPG PSV PLATFORM MOUND - 1	OTHER HOVS	Flange	0.0	1	100	0.000000	8760	0.000000
397	29-09-2025	LPG PSV PLATFORM MOUND - 1	OTHER HOVS	Flange	0.0	1	100	0.000000	8760	0.000000
398	29-09-2025	LPG PSV PLATFORM MOUND - 1	OTHER HOVS	Flange	0.4	1	100	0.000002	8760	0.021206
399	29-09-2025	LPG PSV PLATFORM MOUND - 1	OTHER HOVS	Flange	0.2	1	100	0.000001	8760	0.013027
400	29-09-2025	LPG PSV PLATFORM MOUND - 1	OTHER HOVS	Flange	0.1	1	100	0.000001	8760	0.008002
401	29-09-2025	LPG PSV PLATFORM MOUND - 1	OTHER HOVS	Flange	0.1	1	100	0.000001	8760	0.008002
402	29-09-2025	LPG PSV PLATFORM MOUND - 1	OTHER HOVS	Flange	0.1	1	100	0.000001	8760	0.008002
403	29-09-2025	LPG PSV PLATFORM MOUND - 1	OTHER HOVS	Flange	0.0	1	100	0.000000	8760	0.000000
404	29-09-2025	LPG PSV PLATFORM MOUND - 2	PSV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
405	29-09-2025	LPG PSV PLATFORM MOUND - 2	PSV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
406	29-09-2025	LPG PSV PLATFORM MOUND - 2	PSV-2-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
407	29-09-2025	LPG PSV PLATFORM MOUND - 2	PSV-2-down steam	Flange	0.2	1	100	0.000001	8760	0.013027
408	29-09-2025	LPG PSV PLATFORM MOUND - 2	HOV-1-UP steam	Flange	0.4	1	100	0.000002	8760	0.021206
409	29-09-2025	LPG PSV PLATFORM MOUND - 2	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
410	29-09-2025	LPG PSV PLATFORM MOUND - 2	HOV-2-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
411	29-09-2025	LPG PSV PLATFORM MOUND - 2	HOV-2-down steam	Flange	0.2	1	100	0.000001	8760	0.013027
412	29-09-2025	LPG PSV PLATFORM MOUND - 2	HOV-3-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
413	29-09-2025	LPG PSV PLATFORM MOUND - 2	HOV-3-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
414	29-09-2025	LPG PSV PLATFORM MOUND - 2	HOV-4-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
415	29-09-2025	LPG PSV PLATFORM MOUND - 2	HOV-4-down steam	Flange	0.1	1	100	0.000001	8760	0.008002
416	29-09-2025	LPG PSV PLATFORM MOUND - 2	PSV-1-up steam	Flange	0.9	1	100	0.000004	8760	0.037501
417	29-09-2025	LPG PSV PLATFORM MOUND - 2	PSV-1-down steam	Flange	0.2	1	100	0.000001	8760	0.013027
418	29-09-2025	LPG PSV PLATFORM MOUND - 2	PSV-2-up steam	Flange	1.2	1	100	0.000005	8760	0.045906
419	29-09-2025	LPG PSV PLATFORM MOUND - 2	PSV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
420	29-09-2025	LPG PSV PLATFORM MOUND - 2	HOV-1-UP steam	Flange	2.1	1	100	0.000008	8760	0.068034
421	29-09-2025	LPG PSV PLATFORM MOUND - 2	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
422	29-09-2025	LPG PSV PLATFORM MOUND - 2	HOV-2-UP steam	Flange	1.0	1	100	0.000005	8760	0.040384
423	29-09-2025	LPG PSV PLATFORM MOUND - 2	HOV-2-down steam	Flange	0.3	1	100	0.000002	8760	0.017323
424	29-09-2025	LPG PSV PLATFORM MOUND - 2	HOV-3-UP steam	Flange	0.2	1	100	0.000001	8760	0.013027
425	29-09-2025	LPG PSV PLATFORM MOUND - 2	HOV-3-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
426	29-09-2025	LPG PSV PLATFORM MOUND - 2	HOV-4-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
427	29-09-2025	LPG PSV PLATFORM MOUND - 2	HOV-4-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
428	29-09-2025	LPG PSV PLATFORM MOUND - 2	PSV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
429	29-09-2025	LPG PSV PLATFORM MOUND - 2	PSV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
430	29-09-2025	LPG PSV PLATFORM MOUND - 2	PSV-2-up steam	Flange	0.2	1	100	0.000001	8760	0.013027
431	29-09-2025	LPG PSV PLATFORM MOUND - 2	PSV-2-down steam	Flange	0.1	1	100	0.000001	8760	0.008002

432	29-09-2025	LPG PSV PLATFORM MOUND - 2	HOV-1-UP steam	Flange	0.2	1	100	0.000001	8760	0.013027
433	29-09-2025	LPG PSV PLATFORM MOUND - 2	HOV-1-down steam	Flange	0.3	1	100	0.000002	8760	0.017323
434	29-09-2025	LPG PSV PLATFORM MOUND - 2	HOV-2-UP steam	Flange	0.3	1	100	0.000002	8760	0.017323
435	29-09-2025	LPG PSV PLATFORM MOUND - 2	HOV-2-down steam	Flange	0.4	1	100	0.000002	8760	0.021206
436	29-09-2025	LPG PSV PLATFORM MOUND - 2	HOV-3-UP steam	Flange	0.2	1	100	0.000001	8760	0.013027
437	29-09-2025	LPG PSV PLATFORM MOUND - 2	HOV-3-down steam	Flange	0.2	1	100	0.000001	8760	0.013027
438	29-09-2025	LPG PSV PLATFORM MOUND - 2	HOV-4-UP steam	Flange	0.1	1	100	0.000001	8760	0.008002
439	29-09-2025	LPG PSV PLATFORM MOUND - 2	HOV-4-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
440	29-09-2025	LPG PSV PLATFORM MOUND - 2	PSV SMALL FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
441	29-09-2025	LPG PSV PLATFORM MOUND - 2	PSV SMALL FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
442	29-09-2025	LPG PSV PLATFORM MOUND - 2	PSV SMALL FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
443	29-09-2025	LPG PSV PLATFORM MOUND - 2	PSV SMALL FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
444	29-09-2025	LPG PSV PLATFORM MOUND - 2	PSV SMALL FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
445	29-09-2025	LPG PSV PLATFORM MOUND - 2	PSV SMALL FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
446	29-09-2025	LPG PSV PLATFORM MOUND - 2	PSV SMALL FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
447	29-09-2025	LPG PSV PLATFORM MOUND - 2	PSV SMALL FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
448	29-09-2025	LPG PSV PLATFORM MOUND - 2	PSV SMALL FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
449	29-09-2025	LPG PSV PLATFORM MOUND - 2	PSV SMALL FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
450	29-09-2025	LPG PSV PLATFORM MOUND - 2	PSV SMALL FLANGE	Flange	0.5	1	100	0.000003	8760	0.024807
451	29-09-2025	LPG PSV PLATFORM MOUND - 2	PSV SMALL FLANGE	Flange	0.3	1	100	0.000002	8760	0.017323
452	29-09-2025	LPG PSV PLATFORM MOUND - 2	PSV HOV-872936	Flange	0.0	1	100	0.000000	8760	0.000000
453	29-09-2025	LPG PSV PLATFORM MOUND - 2	PSV HOV-872936	Flange	0.0	1	100	0.000000	8760	0.000000
454	29-09-2025	LPG PSV PLATFORM MOUND - 2	HOV	Flange	0.0	1	100	0.000000	8760	0.000000
455	29-09-2025	LPG PSV PLATFORM MOUND - 2	HOV	Flange	0.0	1	100	0.000000	8760	0.000000
456	29-09-2025	LPG PSV PLATFORM MOUND - 2	PSV HOV-873021	Flange	0.0	1	100	0.000000	8760	0.000000
457	29-09-2025	LPG PSV PLATFORM MOUND - 2	PSV HOV-873021	Flange	0.0	1	100	0.000000	8760	0.000000
458	29-09-2025	LPG PSV PLATFORM MOUND - 2	PSV HOV-872990	Flange	0.0	1	100	0.000000	8760	0.000000
459	29-09-2025	LPG PSV PLATFORM MOUND - 2	PSV HOV-872990	Flange	0.2	1	100	0.000001	8760	0.013027
460	29-09-2025	LPG PSV PLATFORM MOUND - 2	PSV HOV-201119662	Flange	0.0	1	100	0.000000	8760	0.000000
461	29-09-2025	LPG PSV PLATFORM MOUND - 2	PSV HOV-201119662	Flange	0.2	1	100	0.000001	8760	0.013027
462	29-09-2025	LPG PSV PLATFORM MOUND - 2	PSV HOV-872963	Flange	0.4	1	100	0.000002	8760	0.021206
463	29-09-2025	LPG PSV PLATFORM MOUND - 2	PSV HOV-872963	Flange	0.0	1	100	0.000000	8760	0.000000
464	29-09-2025	LPG PSV PLATFORM MOUND - 2	PSC HOV 873032	Flange	0.0	1	100	0.000000	8760	0.000000
465	29-09-2025	LPG PSV PLATFORM MOUND - 2	PSC HOV 873032	Flange	0.2	1	100	0.000001	8760	0.013027
466	29-09-2025	LPG PSV PLATFORM MOUND - 2	NRV	Flange	0.0	1	100	0.000000	8760	0.000000
467	29-09-2025	LPG PSV PLATFORM MOUND - 2	NRV	Flange	0.0	1	100	0.000000	8760	0.000000
468	29-09-2025	LPG PSV PLATFORM MOUND - 2	PSC HOV 873030	Flange	0.5	1	100	0.000003	8760	0.024807
469	29-09-2025	LPG PSV PLATFORM MOUND - 2	PSC HOV 873030	Flange	0.3	1	100	0.000002	8760	0.017323
470	29-09-2025	LPG PSV PLATFORM MOUND - 2	HOV	Flange	0.1	1	100	0.000001	8760	0.008002
471	29-09-2025	LPG PSV PLATFORM MOUND - 2	HOV	Flange	0.0	1	100	0.000000	8760	0.000000
472	29-09-2025	LPG PSV PLATFORM MOUND - 2	HOV-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
473	29-09-2025	LPG PSV PLATFORM MOUND - 2	HOV down steam	Flange	0.0	1	100	0.000000	8760	0.000000
474	29-09-2025	LPG PSV PLATFORM MOUND - 2	PSC HOV 873097	Flange	0.0	1	100	0.000000	8760	0.000000
475	29-09-2025	LPG PSV PLATFORM MOUND - 2	PSC HOV 873097	Flange	0.0	1	100	0.000000	8760	0.000000
476	29-09-2025	LPG PSV PLATFORM MOUND - 2	OTHER HOVS 156111	Flange	0.0	1	100	0.000000	8760	0.000000
477	29-09-2025	LPG PSV PLATFORM MOUND - 2	OTHER HOVS 156111	Flange	0.0	1	100	0.000000	8760	0.000000
478	29-09-2025	LPG PSV PLATFORM MOUND - 2	HOV 156078	Flange	0.0	1	100	0.000000	8760	0.000000
479	29-09-2025	LPG PSV PLATFORM MOUND - 2	HOV 156078	Flange	0.2	1	100	0.000001	8760	0.013027
480	29-09-2025	LPG PSV PLATFORM MOUND - 2	HOV G1 428	Flange	0.2	1	100	0.000001	8760	0.013027
481	29-09-2025	LPG PSV PLATFORM MOUND - 2	HOV G1 428	Flange	0.1	1	100	0.000001	8760	0.008002
482	29-09-2025	LPG PSV PLATFORM MOUND - 2	HOV 156085	Flange	0.0	1	100	0.000000	8760	0.000000
483	29-09-2025	LPG PSV PLATFORM MOUND - 2	HOV 156085	Flange	0.0	1	100	0.000000	8760	0.000000
484	29-09-2025	LPG PSV PLATFORM MOUND - 2	HOV 156780	Flange	0.0	1	100	0.000000	8760	0.000000
485	29-09-2025	LPG PSV PLATFORM MOUND - 2	HOV 156780	Flange	0.0	1	100	0.000000	8760	0.000000
486	29-09-2025	LPG PSV PLATFORM MOUND - 2	NRV G1 423	Flange	0.0	1	100	0.000000	8760	0.000000
487	29-09-2025	LPG PSV PLATFORM MOUND - 2	NRV G1 423	Flange	0.2	1	100	0.000001	8760	0.013027
488	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV-1-up steam	Flange	0.2	1	100	0.000001	8760	0.013027
489	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
490	29-09-2025	LPG PSV PLATFORM MOUND - 3	HOV-1-UP steam	Flange	0.1	1	100	0.000001	8760	0.008002
491	29-09-2025	LPG PSV PLATFORM MOUND - 3	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
492	29-09-2025	LPG PSV PLATFORM MOUND - 3	HOV-2-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
493	29-09-2025	LPG PSV PLATFORM MOUND - 3	HOV-2-down steam	Flange	0.3	1	100	0.000002	8760	0.017323
494	29-09-2025	LPG PSV PLATFORM MOUND - 3	HOV-3-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
495	29-09-2025	LPG PSV PLATFORM MOUND - 3	HOV-3-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
496	29-09-2025	LPG PSV PLATFORM MOUND - 3	HOV-4-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
497	29-09-2025	LPG PSV PLATFORM MOUND - 3	HOV-4-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
498	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV-1-up steam	Flange	0.3	1	100	0.000002	8760	0.017323
499	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV-1-down steam	Flange	0.3	1	100	0.000002	8760	0.017323
500	29-09-2025	LPG PSV PLATFORM MOUND - 3	HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
501	29-09-2025	LPG PSV PLATFORM MOUND - 3	HOV-1-down steam	Flange	0.1	1	100	0.000001	8760	0.008002
502	29-09-2025	LPG PSV PLATFORM MOUND - 3	HOV-2-UP steam	Flange	0.1	1	100	0.000001	8760	0.008002
503	29-09-2025	LPG PSV PLATFORM MOUND - 3	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
504	29-09-2025	LPG PSV PLATFORM MOUND - 3	HOV-3-UP steam	Flange	0.2	1	100	0.000001	8760	0.013027
505	29-09-2025	LPG PSV PLATFORM MOUND - 3	HOV-3-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
506	29-09-2025	LPG PSV PLATFORM MOUND - 3	HOV-4-UP steam	Flange	0.5	1	100	0.000003	8760	0.024807
507	29-09-2025	LPG PSV PLATFORM MOUND - 3	HOV-4-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
508	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV-1-up steam	Flange	0.1	1	100	0.000001	8760	0.008002
509	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
510	29-09-2025	LPG PSV PLATFORM MOUND - 3	HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
511	29-09-2025	LPG PSV PLATFORM MOUND - 3	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
512	29-09-2025	LPG PSV PLATFORM MOUND - 3	HOV-2-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
513	29-09-2025	LPG PSV PLATFORM MOUND - 3	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
514	29-09-2025	LPG PSV PLATFORM MOUND - 3	HOV-3-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
515	29-09-2025	LPG PSV PLATFORM MOUND - 3	HOV-3-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
516	29-09-2025	LPG PSV PLATFORM MOUND - 3	HOV-4-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
517	29-09-2025	LPG PSV PLATFORM MOUND - 3	HOV-4-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
518	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000

519	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
520	29-09-2025	LPG PSV PLATFORM MOUND - 3	HOV-1-UP steam	Flange	0.2	1	100	0.000001	8760	0.013027
521	29-09-2025	LPG PSV PLATFORM MOUND - 3	HOV-1-down steam	Flange	0.1	1	100	0.000001	8760	0.008002
522	29-09-2025	LPG PSV PLATFORM MOUND - 3	HOV-2-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
523	29-09-2025	LPG PSV PLATFORM MOUND - 3	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
524	29-09-2025	LPG PSV PLATFORM MOUND - 3	HOV-3-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
525	29-09-2025	LPG PSV PLATFORM MOUND - 3	HOV-3-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
526	29-09-2025	LPG PSV PLATFORM MOUND - 3	HOV-4-UP steam	Flange	0.1	1	100	0.000001	8760	0.008002
527	29-09-2025	LPG PSV PLATFORM MOUND - 3	HOV-4-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
528	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
529	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
530	29-09-2025	LPG PSV PLATFORM MOUND - 3	HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
531	29-09-2025	LPG PSV PLATFORM MOUND - 3	HOV-1-down steam	Flange	0.1	1	100	0.000001	8760	0.008002
532	29-09-2025	LPG PSV PLATFORM MOUND - 3	HOV-2-UP steam	Flange	0.4	1	100	0.000002	8760	0.021206
533	29-09-2025	LPG PSV PLATFORM MOUND - 3	HOV-2-down steam	Flange	0.3	1	100	0.000002	8760	0.017323
534	29-09-2025	LPG PSV PLATFORM MOUND - 3	HOV-3-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
535	29-09-2025	LPG PSV PLATFORM MOUND - 3	HOV-3-down steam	Flange	0.1	1	100	0.000001	8760	0.008002
536	29-09-2025	LPG PSV PLATFORM MOUND - 3	HOV-4-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
537	29-09-2025	LPG PSV PLATFORM MOUND - 3	HOV-4-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
538	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
539	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
540	29-09-2025	LPG PSV PLATFORM MOUND - 3	HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
541	29-09-2025	LPG PSV PLATFORM MOUND - 3	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
542	29-09-2025	LPG PSV PLATFORM MOUND - 3	HOV-2-UP steam	Flange	0.5	1	100	0.000003	8760	0.024807
543	29-09-2025	LPG PSV PLATFORM MOUND - 3	HOV-2-down steam	Flange	0.3	1	100	0.000002	8760	0.017323
544	29-09-2025	LPG PSV PLATFORM MOUND - 3	HOV-3-UP steam	Flange	0.1	1	100	0.000001	8760	0.008002
545	29-09-2025	LPG PSV PLATFORM MOUND - 3	HOV-3-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
546	29-09-2025	LPG PSV PLATFORM MOUND - 3	HOV-4-UP steam	Flange	0.1	1	100	0.000001	8760	0.008002
547	29-09-2025	LPG PSV PLATFORM MOUND - 3	HOV-4-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
548	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV SMALL	Flange	0.0	1	100	0.000000	8760	0.000000
549	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV SMALL	Flange	0.0	1	100	0.000000	8760	0.000000
550	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV SMALL 159985	Flange	0.0	1	100	0.000000	8760	0.000000
551	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV SMALL	Flange	0.2	1	100	0.000001	8760	0.013027
552	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV SMALL	Flange	0.0	1	100	0.000000	8760	0.000000
553	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV SMALL	Flange	0.0	1	100	0.000000	8760	0.000000
554	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV SMALL	Flange	0.0	1	100	0.000000	8760	0.000000
555	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV SMALL	Flange	0.0	1	100	0.000000	8760	0.000000
556	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV SMALL	Flange	0.1	1	100	0.000001	8760	0.008002
557	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV SMALL 201119648	Flange	0.0	1	100	0.000000	8760	0.000000
558	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV SMALL	Flange	0.0	1	100	0.000000	8760	0.000000
559	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV SMALL 201119672	Flange	0.2	1	100	0.000001	8760	0.013027
560	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV SMALL	Flange	0.0	1	100	0.000000	8760	0.000000
561	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV SMALL 201119641	Flange	0.1	1	100	0.000001	8760	0.008002
562	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV SMALL	Flange	0.1	1	100	0.000001	8760	0.008002
563	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV SMALL 201119644	Flange	0.2	1	100	0.000001	8760	0.013027
564	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV SMALL	Flange	0.0	1	100	0.000000	8760	0.000000
565	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV SMALL 201119642	Flange	0.0	1	100	0.000000	8760	0.000000
566	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV SMALL	Flange	0.0	1	100	0.000000	8760	0.000000
567	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV SMALL 201119668	Flange	0.0	1	100	0.000000	8760	0.000000
568	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV SMALL	Flange	0.3	1	100	0.000002	8760	0.017323
569	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV SMALL	Flange	0.1	1	100	0.000001	8760	0.008002
570	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV SMALL	Flange	0.1	1	100	0.000001	8760	0.008002
571	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV SMALL	Flange	0.1	1	100	0.000001	8760	0.008002
572	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV SMALL	Flange	0.0	1	100	0.000000	8760	0.000000
573	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS	Flange	0.0	1	100	0.000000	8760	0.000000
574	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS	Flange	0.0	1	100	0.000000	8760	0.000000
575	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS 872955	Flange	0.0	1	100	0.000000	8760	0.000000
576	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS	Flange	0.7	1	100	0.000004	8760	0.031427
577	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS	Flange	0.6	1	100	0.000003	8760	0.028200
578	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS	Flange	0.3	1	100	0.000002	8760	0.017323
579	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS 873000	Flange	0.1	1	100	0.000001	8760	0.008002
580	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS	Flange	0.1	1	100	0.000001	8760	0.008002
581	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS 872953	Flange	0.1	1	100	0.000001	8760	0.008002
582	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS	Flange	0.1	1	100	0.000001	8760	0.008002
583	29-09-2025	LPG PSV PLATFORM MOUND - 3	NRV F44877	Flange	0.2	1	100	0.000001	8760	0.013027
584	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS	Flange	0.0	1	100	0.000000	8760	0.000000
585	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS 885253	Flange	0.0	1	100	0.000000	8760	0.000000
586	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS	Flange	0.0	1	100	0.000000	8760	0.000000
587	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS	Flange	0.0	1	100	0.000000	8760	0.000000
588	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS	Flange	0.0	1	100	0.000000	8760	0.000000
589	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS 873063	Flange	0.0	1	100	0.000000	8760	0.000000
590	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS	Flange	0.0	1	100	0.000000	8760	0.000000
591	29-09-2025	LPG PSV PLATFORM MOUND - 3	NRV F44876	Flange	0.0	1	100	0.000000	8760	0.000000
592	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS	Flange	0.0	1	100	0.000000	8760	0.000000
593	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS 873101	Flange	0.0	1	100	0.000000	8760	0.000000
594	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS	Flange	0.0	1	100	0.000000	8760	0.000000
595	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS F44875	Flange	0.0	1	100	0.000000	8760	0.000000
596	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS	Flange	0.1	1	100	0.000001	8760	0.008002
597	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS 908469	Flange	0.1	1	100	0.000001	8760	0.008002
598	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS	Flange	0.0	1	100	0.000000	8760	0.000000
599	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS	Flange	0.0	1	100	0.000000	8760	0.000000
600	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS	Flange	0.1	1	100	0.000001	8760	0.008002
601	29-09-2025	LPG PSV PLATFORM MOUND - 3	NRV F44879	Flange	0.0	1	100	0.000000	8760	0.000000
602	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS	Flange	0.0	1	100	0.000000	8760	0.000000
603	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS	Flange	0.0	1	100	0.000000	8760	0.000000
604	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS	Flange	0.0	1	100	0.000000	8760	0.000000
605	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS 914680	Flange	0.0	1	100	0.000000	8760	0.000000

606	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS	Flange	0.1	1	100	0.000001	8760	0.008002
607	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS	Flange	0.0	1	100	0.000000	8760	0.000000
608	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS	Flange	0.0	1	100	0.000000	8760	0.000000
609	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS	Flange	0.2	1	100	0.000001	8760	0.013027
610	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS	Flange	0.0	1	100	0.000000	8760	0.000000
611	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS	Flange	0.0	1	100	0.000000	8760	0.000000
612	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS	Flange	0.0	1	100	0.000000	8760	0.000000
613	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS	Flange	0.0	1	100	0.000000	8760	0.000000
614	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS	Flange	0.0	1	100	0.000000	8760	0.000000
615	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS	Flange	0.1	1	100	0.000001	8760	0.008002
616	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS	Flange	0.0	1	100	0.000000	8760	0.000000
617	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS	Flange	0.2	1	100	0.000001	8760	0.013027
618	29-09-2025	LPG PSV PLATFORM MOUND - 3	PSV HOV OTHERS	Flange	0.3	1	100	0.000002	8760	0.017323
619	29-09-2025	LPG PSV PLATFORM MOUND - 3	OTHER HOV	Flange	0.0	1	100	0.000000	8760	0.000000
620	29-09-2025	LPG PSV PLATFORM MOUND - 3	OTHER HOV	Flange	0.0	1	100	0.000000	8760	0.000000
621	29-09-2025	LPG PSV PLATFORM MOUND - 3	OTHER HOV	Flange	0.0	1	100	0.000000	8760	0.000000
622	29-09-2025	LPG PSV PLATFORM MOUND - 3	OTHER HOV	Flange	0.0	1	100	0.000000	8760	0.000000
623	29-09-2025	LPG PSV PLATFORM MOUND - 3	OTHER HOV	Flange	0.0	1	100	0.000000	8760	0.000000
624	29-09-2025	LPG PSV PLATFORM MOUND - 3	OTHER HOV	Flange	0.0	1	100	0.000000	8760	0.000000
625	29-09-2025	LPG PSV PLATFORM MOUND - 3	OTHER HOV	Flange	0.0	1	100	0.000000	8760	0.000000
626	29-09-2025	LPG PSV PLATFORM MOUND - 3	OTHER HOV	Flange	0.0	1	100	0.000000	8760	0.000000
627	29-09-2025	LPG PSV PLATFORM MOUND - 3	OTHER HOV	Flange	0.2	1	100	0.000001	8760	0.013027
628	29-09-2025	LPG PSV PLATFORM MOUND - 3	OTHER HOV	Flange	0.0	1	100	0.000000	8760	0.000000
629	29-09-2025	LPG PSV PLATFORM MOUND - 3	OTHER HOV	Flange	0.0	1	100	0.000000	8760	0.000000
630	29-09-2025	LPG PSV PLATFORM MOUND - 3	OTHER HOV	Flange	0.0	1	100	0.000000	8760	0.000000
631	29-09-2025	LPG PSV PLATFORM MOUND - 3	OTHER HOV	Flange	0.0	1	100	0.000000	8760	0.000000
632	29-09-2025	LPG PSV PLATFORM MOUND - 3	OTHER HOV	Flange	0.6	1	100	0.000003	8760	0.028200
633	29-09-2025	LPG PSV PLATFORM MOUND - 3	OTHER HOV	Flange	0.3	1	100	0.000002	8760	0.017323
634	29-09-2025	LPG PSV PLATFORM MOUND - 3	OTHER HOV	Flange	0.0	1	100	0.000000	8760	0.000000
635	29-09-2025	LPG PSV PLATFORM MOUND - 3	OTHER HOV	Flange	0.0	1	100	0.000000	8760	0.000000
636	29-09-2025	LPG PSV PLATFORM MOUND - 3	OTHER HOV	Flange	0.2	1	100	0.000001	8760	0.013027
637	29-09-2025	LPG PSV PLATFORM MOUND - 3	OTHER HOV 873117	Flange	0.0	1	100	0.000000	8760	0.000000
638	29-09-2025	LPG PSV PLATFORM MOUND - 3	OTHER HOV	Flange	0.0	1	100	0.000000	8760	0.000000
639	29-09-2025	LPG PSV PLATFORM MOUND - 3	OTHER HOV	Flange	0.1	1	100	0.000001	8760	0.008002
640	29-09-2025	LPG PSV PLATFORM MOUND - 3	OTHER HOV	Flange	0.1	1	100	0.000001	8760	0.008002
641	29-09-2025	LPG PSV PLATFORM MOUND - 3	OTHER HOV	Flange	0.1	1	100	0.000001	8760	0.008002
642	29-09-2025	LPG PSV PLATFORM MOUND - 3	OTHER HOV	Flange	0.0	1	100	0.000000	8760	0.000000
643	29-09-2025	LPG PSV PLATFORM MOUND - 3	OTHER HOV 873112	Flange	0.0	1	100	0.000000	8760	0.000000
644	29-09-2025	LPG PSV PLATFORM MOUND - 3	OTHER HOV	Flange	0.0	1	100	0.000000	8760	0.000000
645	26-09-2025	COMPRESSOR HOUSE - SECTION LINE	HOV-1-UPsteam	Flange	0.0	1	100	0.000000	8760	0.000000
646	26-09-2025	COMPRESSOR HOUSE - SECTION LINE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
647	26-09-2025	COMPRESSOR HOUSE - SECTION LINE	HOV-2-UPsteam	Flange	0.2	1	100	0.000001	8760	0.013027
648	26-09-2025	COMPRESSOR HOUSE - SECTION LINE	HOV-2-down steam	Flange	0.3	1	100	0.000002	8760	0.017323
649	26-09-2025	COMPRESSOR HOUSE - SECTION LINE	HOV-3-UPsteam	Flange	0.0	1	100	0.000000	8760	0.000000
650	26-09-2025	COMPRESSOR HOUSE - SECTION LINE	HOV-3-down steam	Flange	0.1	1	100	0.000001	8760	0.008002
651	26-09-2025	COMPRESSOR HOUSE - SECTION LINE	HOV-4-UPsteam	Flange	0.4	1	100	0.000002	8760	0.021206
652	26-09-2025	COMPRESSOR HOUSE - SECTION LINE	HOV-4-down steam	Flange	0.5	1	100	0.000003	8760	0.024807
653	26-09-2025	COMPRESSOR HOUSE - SECTION LINE	HOV-5-UPsteam	Flange	0.3	1	100	0.000002	8760	0.017323
654	26-09-2025	COMPRESSOR HOUSE - SECTION LINE	HOV-5-down steam	Flange	0.7	1	100	0.000004	8760	0.031427
655	26-09-2025	COMPRESSOR HOUSE - SECTION LINE	HOV-6-UPsteam	Flange	0.0	1	100	0.000000	8760	0.000000
656	26-09-2025	COMPRESSOR HOUSE - SECTION LINE	HOV-6-down steam	Flange	0.1	1	100	0.000001	8760	0.008002
657	26-09-2025	COMPRESSOR HOUSE - SECTION LINE	HOV-7-UPsteam	Flange	0.0	1	100	0.000000	8760	0.000000
658	26-09-2025	COMPRESSOR HOUSE - SECTION LINE	HOV-7-down steam	Flange	0.3	1	100	0.000002	8760	0.017323
659	26-09-2025	COMPRESSOR HOUSE - SECTION LINE	HOV-8-UPsteam	Flange	0.9	1	100	0.000004	8760	0.037501
660	26-09-2025	COMPRESSOR HOUSE - SECTION LINE	HOV-8-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
661	26-09-2025	KOD VOLUME BOTTLE	HOV-1-UPsteam	Flange	0.0	1	100	0.000000	8760	0.000000
662	26-09-2025	KOD VOLUME BOTTLE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
663	26-09-2025	KOD VOLUME BOTTLE	SPOOL PIECE UPsteam	Flange	0.0	1	100	0.000000	8760	0.000000
664	26-09-2025	KOD VOLUME BOTTLE	SPOOL PIECE DOWN steam	Flange	0.0	1	100	0.000000	8760	0.000000
665	26-09-2025	KOD VOLUME BOTTLE	KOD FLANGE UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
666	26-09-2025	KOD VOLUME BOTTLE	KOD FLANGE DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
667	26-09-2025	DISCHARGE VOLUME DRUM BODY FLANGES	HOV-1-UPsteam	Flange	0.0	1	100	0.000000	8760	0.000000
668	26-09-2025	DISCHARGE VOLUME DRUM BODY FLANGES	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
669	26-09-2025	DISCHARGE VOLUME DRUM BODY FLANGES	KOD BODY UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
670	26-09-2025	DISCHARGE VOLUME DRUM BODY FLANGES	KOD BODY DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
671	26-09-2025	CTMS PIPELINE LPG	MAIN INLET LINE HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
672	26-09-2025	CTMS PIPELINE LPG	MAIN INLET LINE HOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
673	26-09-2025	BRANCH LINE - 1	PSV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
674	26-09-2025	BRANCH LINE - 1	PSV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
675	26-09-2025	BRANCH LINE - 1	HOV-1-UPsteam	Flange	0.0	1	100	0.000000	8760	0.000000
676	26-09-2025	BRANCH LINE - 1	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
677	26-09-2025	BRANCH LINE - 1	HOV-2-UPsteam	Flange	0.0	1	100	0.000000	8760	0.000000
678	26-09-2025	BRANCH LINE - 1	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
679	26-09-2025	BRANCH LINE - 1	MOV - 1 UPSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
680	26-09-2025	BRANCH LINE - 1	MOV - 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
681	26-09-2025	BRANCH LINE - 1	BASKET FILTER	Flange	0.0	1	100	0.000000	8760	0.000000
682	26-09-2025	BRANCH LINE - 1	BASKET FILTER OUTLET	Flange	0.0	1	100	0.000000	8760	0.000000
683	26-09-2025	BRANCH LINE - 1	MOV - 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
684	26-09-2025	BRANCH LINE - 1	MOV - 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
685	26-09-2025	BRANCH LINE - 1	FCV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
686	26-09-2025	BRANCH LINE - 1	FCV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
687	26-09-2025	BRANCH LINE - 1	MOV - 3 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
688	26-09-2025	BRANCH LINE - 1	MOV - 3 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
689	26-09-2025	BRANCH LINE - 2	MOV - 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
690	26-09-2025	BRANCH LINE - 2	MOV - 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
691	26-09-2025	BRANCH LINE - 2	BASKET FILTER OUTLET 1	Flange	0.0	1	100	0.000000	8760	0.000000
692	26-09-2025	BRANCH LINE - 2	BASKET FILTER OUTLET 2	Flange	0.0	1	100	0.000000	8760	0.000000

693	26-09-2025	BRANCH LINE - 2	BASKET FILTER OUTLET 3	Flange	0.0	1	100	0.000000	8760	0.000000
694	26-09-2025	BRANCH LINE - 2	PSV UPSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
695	26-09-2025	BRANCH LINE - 2	PSV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
696	26-09-2025	BRANCH LINE - 2	HOV-1-UPsteam	Flange	0.1	1	100	0.000001	8760	0.008002
697	26-09-2025	BRANCH LINE - 2	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
698	26-09-2025	BRANCH LINE - 2	HOV-2-UPsteam	Flange	0.0	1	100	0.000000	8760	0.000000
699	26-09-2025	BRANCH LINE - 2	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
700	26-09-2025	BRANCH LINE - 2	BASKET FILTER OUTLET	Flange	0.2	1	100	0.000001	8760	0.013027
701	26-09-2025	BRANCH LINE - 2	MOV - 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
702	26-09-2025	BRANCH LINE - 2	MOV - 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
703	26-09-2025	BRANCH LINE - 2	FCV UPSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
704	26-09-2025	BRANCH LINE - 2	FCV DOWNSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
705	26-09-2025	BRANCH LINE - 2	MOV - 3 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
706	26-09-2025	BRANCH LINE - 2	MOV - 3 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
707	26-09-2025	BRANCH LINE - 3	MOV - 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
708	26-09-2025	BRANCH LINE - 3	MOV - 1 DOWNSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
709	26-09-2025	BRANCH LINE - 3	BASKET FILTER OUTLET 1	Flange	0.1	1	100	0.000001	8760	0.008002
710	26-09-2025	BRANCH LINE - 3	BASKET FILTER OUTLET 2	Flange	0.0	1	100	0.000000	8760	0.000000
711	26-09-2025	BRANCH LINE - 3	BASKET FILTER OUTLET 3	Flange	0.1	1	100	0.000001	8760	0.008002
712	26-09-2025	BRANCH LINE - 3	PSV UPSTEAM	Flange	0.3	1	100	0.000002	8760	0.017323
713	26-09-2025	BRANCH LINE - 3	PSV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
714	26-09-2025	BRANCH LINE - 3	HOV-1-UPsteam	Flange	0.0	1	100	0.000000	8760	0.000000
715	26-09-2025	BRANCH LINE - 3	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
716	26-09-2025	BRANCH LINE - 3	HOV-2-UPsteam	Flange	0.0	1	100	0.000000	8760	0.000000
717	26-09-2025	BRANCH LINE - 3	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
718	26-09-2025	BRANCH LINE - 3	BASKET FILTER OUTLET	Flange	0.1	1	100	0.000001	8760	0.008002
719	26-09-2025	BRANCH LINE - 3	MOV - 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
720	26-09-2025	BRANCH LINE - 3	MOV - 2 DOWNSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
721	26-09-2025	BRANCH LINE - 3	FCV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
722	26-09-2025	BRANCH LINE - 3	FCV DOWNSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
723	26-09-2025	BRANCH LINE - 3	MOV - 3 UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
724	26-09-2025	BRANCH LINE - 3	MOV - 3 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
725	26-09-2025	BRANCH LINE - 3	MOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
726	26-09-2025	BRANCH LINE - 3	MOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
727	26-09-2025	BRANCH LINE - 3	PROVER FLANGE UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
728	26-09-2025	BRANCH LINE - 3	PROVER FLANGE DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
729	26-09-2025	BRANCH LINE - 3	FCV UPSTEAM	Flange	0.3	1	100	0.000002	8760	0.017323
730	26-09-2025	BRANCH LINE - 3	FCV DOWNSTEAM	Flange	0.6	1	100	0.000003	8760	0.028200
731	26-09-2025	BRANCH LINE - 3	MOV UPSTEAM	Flange	0.8	1	100	0.000004	8760	0.034521
732	26-09-2025	BRANCH LINE - 3	MOV DOWNSTEAM	Flange	0.4	1	100	0.000002	8760	0.021206
733	26-09-2025	BRANCH LINE - 3	PUMP SEAL	Pump Seal	0.0	1	100	0.000000	8760	0.000000
734	26-09-2025	BRANCH LINE - 3	BYE PASS MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
735	26-09-2025	BRANCH LINE - 3	BYE PASS MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
736	26-09-2025	BRANCH LINE - 3	LINE HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
737	26-09-2025	BRANCH LINE - 3	LINE HOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
738	26-09-2025	BRANCH LINE - 3	FCV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
739	26-09-2025	BRANCH LINE - 3	FCV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
740	26-09-2025	BRANCH LINE - 3	HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
741	26-09-2025	BRANCH LINE - 3	HOV DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
742	26-09-2025	BRANCH LINE - 3	LAST HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
743	26-09-2025	BRANCH LINE - 3	LAST HOV DOWNSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
744	26-09-2025	CTMS MARKETING LPG -1	MAIN INLET HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
745	26-09-2025	CTMS MARKETING LPG -1	MAIN INLET HOV DOWNSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
746	26-09-2025	BRANCH LINE - 1	MOV - 1 UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
747	26-09-2025	BRANCH LINE - 1	MOV - 1 DOWNSTEAM	Flange	0.4	1	100	0.000002	8760	0.021206
748	26-09-2025	BRANCH LINE - 1	BASKET FILTER	Flange	0.2	1	100	0.000001	8760	0.013027
749	26-09-2025	BRANCH LINE - 1	PSV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
750	26-09-2025	BRANCH LINE - 1	PSV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
751	26-09-2025	BRANCH LINE - 1	HOV-1-UPsteam	Flange	0.0	1	100	0.000000	8760	0.000000
752	26-09-2025	BRANCH LINE - 1	HOV-1-down steam	Flange	0.1	1	100	0.000001	8760	0.008002
753	26-09-2025	BRANCH LINE - 1	HOV-2-UPsteam	Flange	0.2	1	100	0.000001	8760	0.013027
754	26-09-2025	BRANCH LINE - 1	HOV-2-down steam	Flange	0.2	1	100	0.000001	8760	0.013027
755	26-09-2025	BRANCH LINE - 1	BASKET FILTER OUTLET	Flange	0.0	1	100	0.000000	8760	0.000000
756	26-09-2025	BRANCH LINE - 1	MOV - 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
757	26-09-2025	BRANCH LINE - 1	MOV - 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
758	26-09-2025	BRANCH LINE - 1	FCV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
759	26-09-2025	BRANCH LINE - 1	FCV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
760	26-09-2025	BRANCH LINE - 1	MOV - 3 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
761	26-09-2025	BRANCH LINE - 1	MOV - 3 DOWNSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
762	26-09-2025	BRANCH LINE - 2	MOV - 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
763	26-09-2025	BRANCH LINE - 2	MOV - 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
764	26-09-2025	BRANCH LINE - 2	BASKET FILTER OUTLET 1	Flange	0.1	1	100	0.000001	8760	0.008002
765	26-09-2025	BRANCH LINE - 2	BASKET FILTER OUTLET 2	Flange	0.0	1	100	0.000000	8760	0.000000
766	26-09-2025	BRANCH LINE - 2	BASKET FILTER OUTLET 3	Flange	0.0	1	100	0.000000	8760	0.000000
767	26-09-2025	BRANCH LINE - 2	PSV UPSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
768	26-09-2025	BRANCH LINE - 2	PSV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
769	26-09-2025	BRANCH LINE - 2	HOV-1-UPsteam	Flange	0.2	1	100	0.000001	8760	0.013027
770	26-09-2025	BRANCH LINE - 2	HOV-1-down steam	Flange	0.1	1	100	0.000001	8760	0.008002
771	26-09-2025	BRANCH LINE - 2	HOV-2-UPsteam	Flange	0.2	1	100	0.000001	8760	0.013027
772	26-09-2025	BRANCH LINE - 2	HOV-2-down steam	Flange	0.1	1	100	0.000001	8760	0.008002
773	26-09-2025	BRANCH LINE - 2	BASKET FILTER OUTLET	Flange	0.0	1	100	0.000000	8760	0.000000
774	26-09-2025	BRANCH LINE - 2	MOV - 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
775	26-09-2025	BRANCH LINE - 2	MOV - 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
776	26-09-2025	BRANCH LINE - 2	FCV UPSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
777	26-09-2025	BRANCH LINE - 2	FCV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
778	26-09-2025	BRANCH LINE - 2	MOV - 3 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
779	26-09-2025	BRANCH LINE - 2	MOV - 3 DOWNSTEAM	Flange	0.3	1	100	0.000002	8760	0.017323

780	26-09-2025	BRANCH LINE - 3	MOV - 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
781	26-09-2025	BRANCH LINE - 3	MOV - 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
782	26-09-2025	BRANCH LINE - 3	BASKET FILTER OUTLET 1	Flange	0.1	1	100	0.000001	8760	0.008002
783	26-09-2025	BRANCH LINE - 3	BASKET FILTER OUTLET 2	Flange	0.0	1	100	0.000000	8760	0.000000
784	26-09-2025	BRANCH LINE - 3	BASKET FILTER OUTLET 3	Flange	0.6	1	100	0.000003	8760	0.028200
785	26-09-2025	BRANCH LINE - 3	PSV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
786	26-09-2025	BRANCH LINE - 3	PSV DOWNSTEAM	Flange	0.7	1	100	0.000004	8760	0.031427
787	26-09-2025	BRANCH LINE - 3	HOV-1-UPsteam	Flange	0.0	1	100	0.000000	8760	0.000000
788	26-09-2025	BRANCH LINE - 3	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
789	26-09-2025	BRANCH LINE - 3	HOV-2-UPsteam	Flange	0.0	1	100	0.000000	8760	0.000000
790	26-09-2025	BRANCH LINE - 3	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
791	26-09-2025	BRANCH LINE - 3	BASKET FILTER OUTLET	Flange	0.0	1	100	0.000000	8760	0.000000
792	26-09-2025	BRANCH LINE - 3	MOV - 2 UPSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
793	26-09-2025	BRANCH LINE - 3	MOV - 2 DOWNSTEAM	Flange	0.4	1	100	0.000002	8760	0.021206
794	26-09-2025	BRANCH LINE - 3	FCV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
795	26-09-2025	BRANCH LINE - 3	FCV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
796	26-09-2025	BRANCH LINE - 3	MOV - 3 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
797	26-09-2025	BRANCH LINE - 3	MOV - 3 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
798	26-09-2025	BRANCH LINE - 3	MOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
799	26-09-2025	BRANCH LINE - 3	MOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
800	26-09-2025	BRANCH LINE - 3	PROVER FLANGE UPSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
801	26-09-2025	BRANCH LINE - 3	PROVER FLANGE DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
802	26-09-2025	BRANCH LINE - 3	FCV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
803	26-09-2025	BRANCH LINE - 3	FCV DOWNSTEAM	Flange	0.4	1	100	0.000002	8760	0.021206
804	26-09-2025	BRANCH LINE - 3	MOV UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
805	26-09-2025	BRANCH LINE - 3	MOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
806	26-09-2025	BRANCH LINE - 3	PUMP SEAL	Pump Seal	0.0	1	100	0.000000	8760	0.000000
807	26-09-2025	BRANCH LINE - 3	BYE PASS MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
808	26-09-2025	BRANCH LINE - 3	BYE PASS MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
809	26-09-2025	BRANCH LINE - 3	LINE HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
810	26-09-2025	BRANCH LINE - 3	LINE HOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
811	26-09-2025	BRANCH LINE - 3	FCV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
812	26-09-2025	BRANCH LINE - 3	FCV DOWNSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
813	26-09-2025	BRANCH LINE - 3	HOV UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
814	26-09-2025	BRANCH LINE - 3	HOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
815	26-09-2025	BRANCH LINE - 3	XZV VALVE UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
816	26-09-2025	BRANCH LINE - 3	XZV VALVE DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
817	26-09-2025	BRANCH LINE - 3	LAST HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
818	26-09-2025	BRANCH LINE - 3	LAST HOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
819	26-09-2025	CTMS MARKETING LPG -2	MAIN INLET HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
820	26-09-2025	CTMS MARKETING LPG -2	MAIN INLET HOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
821	26-09-2025	BRANCH LINE - 1	MOV - 1 UPSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
822	26-09-2025	BRANCH LINE - 1	MOV - 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
823	26-09-2025	BRANCH LINE - 1	BASKET FILTER	Flange	0.1	1	100	0.000001	8760	0.008002
824	26-09-2025	BRANCH LINE - 1	PSV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
825	26-09-2025	BRANCH LINE - 1	PSV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
826	26-09-2025	BRANCH LINE - 1	HOV-1-UPsteam	Flange	0.0	1	100	0.000000	8760	0.000000
827	26-09-2025	BRANCH LINE - 1	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
828	26-09-2025	BRANCH LINE - 1	HOV-2-UPsteam	Flange	0.0	1	100	0.000000	8760	0.000000
829	26-09-2025	BRANCH LINE - 1	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
830	26-09-2025	BRANCH LINE - 1	BASKET FILTER OUTLET	Flange	0.1	1	100	0.000001	8760	0.008002
831	26-09-2025	BRANCH LINE - 1	MOV - 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
832	26-09-2025	BRANCH LINE - 1	MOV - 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
833	26-09-2025	BRANCH LINE - 1	FCV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
834	26-09-2025	BRANCH LINE - 1	FCV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
835	26-09-2025	BRANCH LINE - 1	MOV - 3 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
836	26-09-2025	BRANCH LINE - 1	MOV - 3 DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
837	26-09-2025	BRANCH LINE - 2	MOV - 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
838	26-09-2025	BRANCH LINE - 2	MOV - 1 DOWNSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
839	26-09-2025	BRANCH LINE - 2	BASKET FILTER OUTLET 1	Flange	0.0	1	100	0.000000	8760	0.000000
840	26-09-2025	BRANCH LINE - 2	BASKET FILTER OUTLET 2	Flange	0.1	1	100	0.000001	8760	0.008002
841	26-09-2025	BRANCH LINE - 2	BASKET FILTER OUTLET 3	Flange	0.1	1	100	0.000001	8760	0.008002
842	26-09-2025	BRANCH LINE - 2	PSV UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
843	26-09-2025	BRANCH LINE - 2	PSV DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
844	26-09-2025	BRANCH LINE - 2	HOV-1-UPsteam	Flange	0.1	1	100	0.000001	8760	0.008002
845	26-09-2025	BRANCH LINE - 2	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
846	26-09-2025	BRANCH LINE - 2	HOV-2-UPsteam	Flange	1.0	1	100	0.000005	8760	0.040384
847	26-09-2025	BRANCH LINE - 2	HOV-2-down steam	Flange	0.2	1	100	0.000001	8760	0.013027
848	26-09-2025	BRANCH LINE - 2	BASKET FILTER OUTLET	Flange	0.0	1	100	0.000000	8760	0.000000
849	26-09-2025	BRANCH LINE - 2	MOV - 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
850	26-09-2025	BRANCH LINE - 2	MOV - 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
851	26-09-2025	BRANCH LINE - 2	FCV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
852	26-09-2025	BRANCH LINE - 2	FCV DOWNSTEAM	Flange	0.3	1	100	0.000002	8760	0.017323
853	26-09-2025	BRANCH LINE - 2	MOV - 3 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
854	26-09-2025	BRANCH LINE - 2	MOV - 3 DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
855	26-09-2025	BRANCH LINE - 3	MOV - 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
856	26-09-2025	BRANCH LINE - 3	MOV - 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
857	26-09-2025	BRANCH LINE - 3	BASKET FILTER OUTLET 1	Flange	0.0	1	100	0.000000	8760	0.000000
858	26-09-2025	BRANCH LINE - 3	BASKET FILTER OUTLET 2	Flange	0.0	1	100	0.000000	8760	0.000000
859	26-09-2025	BRANCH LINE - 3	BASKET FILTER OUTLET 3	Flange	0.0	1	100	0.000000	8760	0.000000
860	26-09-2025	BRANCH LINE - 3	PSV UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
861	26-09-2025	BRANCH LINE - 3	PSV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
862	26-09-2025	BRANCH LINE - 3	HOV-1-UPsteam	Flange	0.1	1	100	0.000001	8760	0.008002
863	26-09-2025	BRANCH LINE - 3	HOV-1-down steam	Flange	0.1	1	100	0.000001	8760	0.008002
864	26-09-2025	BRANCH LINE - 3	HOV-2-UPsteam	Flange	0.1	1	100	0.000001	8760	0.008002
865	26-09-2025	BRANCH LINE - 3	HOV-2-down steam	Flange	0.2	1	100	0.000001	8760	0.013027
866	26-09-2025	BRANCH LINE - 3	BASKET FILTER OUTLET	Flange	0.0	1	100	0.000000	8760	0.000000

867	26-09-2025	BRANCH LINE - 3	MOV - 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
868	26-09-2025	BRANCH LINE - 3	MOV - 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
869	26-09-2025	BRANCH LINE - 3	FCV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
870	26-09-2025	BRANCH LINE - 3	FCV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
871	26-09-2025	BRANCH LINE - 3	MOV - 3 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
872	26-09-2025	BRANCH LINE - 3	MOV - 3 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
873	26-09-2025	BRANCH LINE - 3	MOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
874	26-09-2025	BRANCH LINE - 3	MOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
875	26-09-2025	BRANCH LINE - 3	PROVER FLANGE UPSTEAM	Flange	0.4	1	100	0.000002	8760	0.021206
876	26-09-2025	BRANCH LINE - 3	PROVER FLANGE DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
877	26-09-2025	BRANCH LINE - 3	FCV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
878	26-09-2025	BRANCH LINE - 3	FCV DOWNSTEAM	Flange	0.6	1	100	0.000003	8760	0.028200
879	26-09-2025	BRANCH LINE - 3	MOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
880	26-09-2025	BRANCH LINE - 3	MOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
881	26-09-2025	BRANCH LINE - 3	PUMP SEAL	Pump Seal	0.9	1	100	0.000004	8760	0.037501
882	26-09-2025	BRANCH LINE - 3	BYE PASS MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
883	26-09-2025	BRANCH LINE - 3	BYE PASS MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
884	26-09-2025	BRANCH LINE - 3	LINE HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
885	26-09-2025	BRANCH LINE - 3	LINE HOV DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
886	26-09-2025	BRANCH LINE - 3	FCV UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
887	26-09-2025	BRANCH LINE - 3	FCV DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
888	26-09-2025	BRANCH LINE - 3	HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
889	26-09-2025	BRANCH LINE - 3	HOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
890	26-09-2025	BRANCH LINE - 3	XZV VALVE UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
891	26-09-2025	BRANCH LINE - 3	XZV VALVE DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
892	26-09-2025	BRANCH LINE - 3	LAST HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
893	26-09-2025	BRANCH LINE - 3	LAST HOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
894	26-09-2025	LPG AREA MOUND I BULLET 205-V-003	BULLET INLET XZV 001 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
895	26-09-2025	VAPOUR BALANCE LINE	HOV-1-UP steam	Flange	0.1	1	100	0.000001	8760	0.008002
896	26-09-2025	VAPOUR BALANCE LINE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
897	26-09-2025	VAPOUR BALANCE LINE	XZV VALVE UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
898	26-09-2025	VAPOUR BALANCE LINE	XZV VALVE DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
899	26-09-2025	BULLET OUTLET LINE	XZV VALVE UP STEAM 0002	Flange	0.2	1	100	0.000001	8760	0.013027
900	26-09-2025	BULLET OUTLET LINE	XZV VALVE DOWN STEAM 0002	Flange	0.0	1	100	0.000000	8760	0.000000
901	26-09-2025	BULLET OUTLET LINE	HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
902	26-09-2025	BULLET OUTLET LINE	HOV-1-down steam	Flange	0.2	1	100	0.000001	8760	0.013027
903	26-09-2025	BULLET OUTLET LINE	HOV-2-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
904	26-09-2025	BULLET OUTLET LINE	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
905	26-09-2025	BULLET INLET LINE	BLENDING HEADER TOP OFF HOV	Flange	0.0	1	100	0.000000	8760	0.000000
906	26-09-2025	BULLET INLET LINE	BLENDING HEADER TOP OFF HOV	Flange	0.0	1	100	0.000000	8760	0.000000
907	26-09-2025	BULLET INLET LINE	NRV VALVE UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
908	26-09-2025	BULLET INLET LINE	NRV VALVE DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
909	26-09-2025	BULLET INLET LINE	PUMP 28A/B/C PROPYLENE I BT HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
910	26-09-2025	BULLET INLET LINE	PUMP 28A/B/C PROPYLENE I BT HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
911	26-09-2025	BULLET INLET LINE	NRV VALVE UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
912	26-09-2025	BULLET INLET LINE	NRV VALVE DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
913	26-09-2025	BULLET INLET LINE	PM 01A/B/C UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
914	26-09-2025	BULLET INLET LINE	PM 01A/B/C DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
915	26-09-2025	BULLET OUTLET LINE	28 A/B/C HOV UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
916	26-09-2025	BULLET OUTLET LINE	28 A/B/C HOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
917	26-09-2025	BULLET INLET LINE	IBT DISCHARGE HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
918	26-09-2025	BULLET INLET LINE	IBT DISCHARGE HOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
919	26-09-2025	BULLET INLET LINE	NRV VALVE UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
920	26-09-2025	BULLET INLET LINE	NRV VALVE DOWNSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
921	26-09-2025	BULLET INLET LINE	BLENDING SPILLAGE OF SPEE LPG HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
922	26-09-2025	BULLET INLET LINE	BLENDING SPILLAGE OF SPEE LPG HOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
923	26-09-2025	BULLET INLET LINE	NRV VALVE UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
924	26-09-2025	BULLET INLET LINE	NRV VALVE DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
925	26-09-2025	BULLET INLET LINE	OFF SPEE LPG HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
926	26-09-2025	BULLET INLET LINE	OFF SPEE LPG HOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
927	26-09-2025	BULLET INLET LINE	NRV VALVE UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
928	26-09-2025	BULLET INLET LINE	NRV VALVE DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
929	26-09-2025	PIPE LINE FROM BULLET OUTLET HEADER	PM 27A/B/C SUCTION HEADER HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
930	26-09-2025	PIPE LINE FROM BULLET OUTLET HEADER	PM 27A/B/C SUCTION HEADER HOV-1-DOWN steam	Flange	0.2	1	100	0.000001	8760	0.013027
931	26-09-2025	PIPE LINE FROM BULLET OUTLET HEADER	PM 27A/B/C SUCTION HEADER HOV-2-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
932	26-09-2025	PIPE LINE FROM BULLET OUTLET HEADER	PM 27A/B/C SUCTION HEADER HOV-2-DOWN steam	Flange	0.1	1	100	0.000001	8760	0.008002
933	26-09-2025	PIPE LINE FROM BULLET OUTLET HEADER	IBT HEEL STRIPING HEADER HOV 1 UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
934	26-09-2025	PIPE LINE FROM BULLET OUTLET HEADER	IBT HEEL STRIPING HEADER HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
935	26-09-2025	PIPE LINE FROM BULLET OUTLET HEADER	IBT HEEL STRIPING HEADER HOV 2 UP steam	Flange	0.1	1	100	0.000001	8760	0.008002
936	26-09-2025	PIPE LINE FROM BULLET OUTLET HEADER	IBT HEEL STRIPING HEADER HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
937	26-09-2025	Bullet water Draining line	HOV-1-up steam	Flange	0.2	1	100	0.000001	8760	0.013027
938	26-09-2025	Bullet water Draining line	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
939	26-09-2025	Bullet water Draining line	HOV-2-up steam	Flange	1.4	1	100	0.000006	8760	0.051160
940	26-09-2025	Bullet water Draining line	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
941	26-09-2025	bullet 202 - v - 0003 BULLET TOP AREA (WEST SIDE)	MAN HOLE - 1	Flange	0.0	1	100	0.000000	8760	0.000000
942	26-09-2025	bullet 202 - v - 0003 BULLET TOP AREA (WEST SIDE)	BULLET INLET FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
943	26-09-2025	bullet 202 - v - 0003 BULLET TOP AREA (WEST SIDE)	BULLET VAPOUR BALANCING	Flange	0.0	1	100	0.000000	8760	0.000000
944	26-09-2025	bullet 202 - v - 0003 BULLET TOP AREA (WEST SIDE)	LT FLARE FLANG	Flange	0.0	1	100	0.000000	8760	0.000000
945	26-09-2025	bullet 202 - v - 0003 BULLET TOP AREA (WEST SIDE)	PRESSURE TRANSMITTER	Flange	0.0	1	100	0.000000	8760	0.000000
946	26-09-2025	bullet 202 - v - 0003 BULLET TOP AREA (WEST SIDE)	LEVEL TRANSMITTER	Flange	0.0	1	100	0.000000	8760	0.000000
947	26-09-2025	BULLET TOP AREA(EAST SIDE)	MAN HOLE - 2	Flange	0.0	1	100	0.000000	8760	0.000000
948	26-09-2025	BULLET TOP AREA(EAST SIDE)	OTHER	Flange	0.0	1	100	0.000000	8760	0.000000
949	26-09-2025	BULLET 205 - V- 004	BULLET INLET XZV 0003 UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
950	26-09-2025	BULLET 205 - V- 004	BULLET INLET XZV 0003 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
951	26-09-2025	BULLET 205 - V- 004 VAPOUR BALANCING LINE	HOV-1 UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
952	26-09-2025	BULLET 205 - V- 004 VAPOUR BALANCING LINE	HOV-1-down steam	Flange	0.2	1	100	0.000001	8760	0.013027
953	26-09-2025	BULLET 205 - V- 004 VAPOUR BALANCING LINE	XZV VALVE 0024 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000

954	26-09-2025	BULLET 205 - V- 004 VAPOUR BALANCING LINE	XZV VALVE 0024 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
955	26-09-2025	BULLET OUTLET LINE	XZV 0004 VALVE - 1- UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
956	26-09-2025	BULLET OUTLET LINE	XZV 0004 VALVE - 1- DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
957	26-09-2025	BULLET OUTLET LINE	HOV-2- UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
958	26-09-2025	BULLET OUTLET LINE	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
959	26-09-2025	BULLET OUTLET LINE	BLENDING HEADER TOP OFF HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
960	26-09-2025	BULLET OUTLET LINE	BLENDING HEADER TOP OFF HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
961	26-09-2025	BULLET OUTLET LINE	NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
962	26-09-2025	BULLET OUTLET LINE	NRV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
963	26-09-2025	BULLET OUTLET LINE	PUMP 29 A/B/C SUCTION HEADER HOV -1 UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
964	26-09-2025	BULLET OUTLET LINE	PUMP 29 A/B/C SUCTION HEADER HOV -1 DOWN STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
965	26-09-2025	BULLET OUTLET LINE	NRV VALVE UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
966	26-09-2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.0	1	100	0.000000	8760	0.000000
967	26-09-2025	BULLET OUTLET LINE	PM 01 A/B/C UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
968	26-09-2025	BULLET OUTLET LINE	PM 01 A/B/C DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
969	26-09-2025	BULLET OUTLET LINE	28 A/B/C MINMUM HOV UP STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
970	26-09-2025	BULLET OUTLET LINE	28 A/B/C MINMUM HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
971	26-09-2025	BULLET OUTLET LINE	IBT DISCHARGE HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
972	26-09-2025	BULLET OUTLET LINE	IBT DISCHARGE HOV down steam	Flange	0.0	1	100	0.000000	8760	0.000000
973	26-09-2025	BULLET OUTLET LINE	NRV VALVE UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
974	26-09-2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.0	1	100	0.000000	8760	0.000000
975	26-09-2025	BULLET OUTLET LINE	BLENDING SPILLAGE OF SPEE LPG HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
976	26-09-2025	BULLET OUTLET LINE	BLENDING SPILLAGE OF SPEE LPG HOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
977	26-09-2025	BULLET OUTLET LINE	NRV VALVE UP Steam	Flange	0.0	1	100	0.000000	8760	0.000000
978	26-09-2025	BULLET OUTLET LINE	NRV VALVE DOWN Steam	Flange	0.0	1	100	0.000000	8760	0.000000
979	26-09-2025	BULLET OUTLET LINE	OFF SPEE LPG HOV UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
980	26-09-2025	BULLET OUTLET LINE	OFF SPEE LPG HOV DOWN steam	Flange	0.2	1	100	0.000001	8760	0.013027
981	26-09-2025	BULLET OUTLET LINE	NRV VALVE UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
982	26-09-2025	BULLET OUTLET LINE	NRV VALVE DOWN steam	Flange	0.0	1	100	0.000000	8760	0.000000
983	26-09-2025	PIPELINE FROM BULLET OUTLET HEADER	PM 027A/B/C SUCTION HEADER HOV - 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
984	26-09-2025	PIPELINE FROM BULLET OUTLET HEADER	PM 027A/B/C SUCTION HEADER HOV - 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
985	26-09-2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
986	26-09-2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-down steam	Flange	0.1	1	100	0.000001	8760	0.008002
987	26-09-2025	PIPELINE FROM BULLET OUTLET HEADER	IBT HEEL STRIPING HEADER HOV I UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
988	26-09-2025	PIPELINE FROM BULLET OUTLET HEADER	IBT HEEL STRIPING HEADER HOV I DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
989	26-09-2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
990	26-09-2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
991	26-09-2025	Bullet water Draining line	HOV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
992	26-09-2025	Bullet water Draining line	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
993	26-09-2025	Bullet water Draining line	HOV-2-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
994	26-09-2025	Bullet water Draining line	HOV-2-down steam	Flange	0.2	1	100	0.000001	8760	0.013027
995	26-09-2025	bullet top AREA(west SIDE)	MAN HOLE - 1	Flange	0.0	1	100	0.000000	8760	0.000000
996	26-09-2025	bullet top AREA(west SIDE)	BULLET INLET FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
997	26-09-2025	bullet top AREA(west SIDE)	BULLET VAPOUR BALANCING	Flange	0.0	1	100	0.000000	8760	0.000000
998	26-09-2025	bullet top AREA(west SIDE)	LT FLARE FLANG	Flange	0.0	1	100	0.000000	8760	0.000000
999	26-09-2025	bullet top AREA(west SIDE)	PRESSURE TRANSMITTER	Flange	0.0	1	100	0.000000	8760	0.000000
1000	26-09-2025	bullet top AREA(west SIDE)	LEVEL TRANSMITTER	Flange	0.0	1	100	0.000000	8760	0.000000
1001	26-09-2025	BULLET TOP AREA(EAST SIDE)	MAN HOLE - 2	Flange	0.0	1	100	0.000000	8760	0.000000
1002	26-09-2025	BULLET TOP AREA(EAST SIDE)	OTHER	Flange	0.0	1	100	0.000000	8760	0.000000
1003	26-09-2025	BULLET 205 - V- 005	BULLET INLET XZV 0005 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1004	26-09-2025	BULLET 205 - V- 005	BULLET INLET XZV 0005 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1005	26-09-2025	BULLET 205 - V- 005 VAPOUR BALANCING LINE	HOV-1 UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1006	26-09-2025	BULLET 205 - V- 005 VAPOUR BALANCING LINE	HOV-1-down steam	Flange	0.2	1	100	0.000001	8760	0.013027
1007	26-09-2025	BULLET 205 - V- 005 VAPOUR BALANCING LINE	XZV VALVE 0025 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1008	26-09-2025	BULLET 205 - V- 005 VAPOUR BALANCING LINE	XZV VALVE 0025 DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
1009	26-09-2025	BULLET OUTLET LINE	XZV 0006 VALVE - 1- UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1010	26-09-2025	BULLET OUTLET LINE	XZV 0006 VALVE - 1- DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1011	26-09-2025	BULLET OUTLET LINE	HOV-1- UP steam	Flange	0.1	1	100	0.000001	8760	0.008002
1012	26-09-2025	BULLET OUTLET LINE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1013	26-09-2025	BULLET OUTLET LINE	HOV-2- UP steam	Flange	0.1	1	100	0.000001	8760	0.008002
1014	26-09-2025	BULLET OUTLET LINE	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1015	26-09-2025	BULLET OUTLET LINE	BLENDING HEADER TOP OFF HOV UP STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
1016	26-09-2025	BULLET OUTLET LINE	BLENDING HEADER TOP OFF HOV DOWN STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
1017	26-09-2025	BULLET OUTLET LINE	NRV UP STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
1018	26-09-2025	BULLET OUTLET LINE	NRV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1019	26-09-2025	BULLET OUTLET LINE	PUMP 28 A/B/C propylene IBT hov -1 UP STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
1020	26-09-2025	BULLET OUTLET LINE	PUMP 28 A/B/C propylene IBT hov -1 down STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1021	26-09-2025	BULLET OUTLET LINE	NRV VALVE UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1022	26-09-2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1023	26-09-2025	BULLET OUTLET LINE	029 minimum flow HOV UPSTEAM	Flange	0.3	1	100	0.000002	8760	0.017323
1024	26-09-2025	BULLET OUTLET LINE	029 MInimum flow HOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1025	26-09-2025	BULLET OUTLET LINE	028 A/B/C minimum flow HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1026	26-09-2025	BULLET OUTLET LINE	028 A/B/C minimum flow HOV down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1027	26-09-2025	BULLET OUTLET LINE	IBT DISCHAGE HOV UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
1028	26-09-2025	BULLET OUTLET LINE	IBT DISCHARGE HOV down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1029	26-09-2025	BULLET OUTLET LINE	NRV VALVE UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1030	26-09-2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1031	26-09-2025	BULLET OUTLET LINE	BLENDING SPILAGE OF SPEE LPG UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1032	26-09-2025	BULLET OUTLET LINE	BLENDING SPILAGE OF SPEE LPG DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1033	26-09-2025	BULLET OUTLET LINE	NRV VALVE UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1034	26-09-2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1035	26-09-2025	BULLET OUTLET LINE	OFF SPEE LPG HOV UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1036	26-09-2025	BULLET OUTLET LINE	OFF SPEE LPG HOV DOWNsteam	Flange	0.0	1	100	0.000000	8760	0.000000
1037	26-09-2025	BULLET OUTLET LINE	NRV VALVE UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1038	26-09-2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1039	26-09-2025	PIPELINE FROM BULLET OUTLET HEADER	PM 027 A/B/C SUCTION HEADER HOV -1 UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1040	26-09-2025	PIPELINE FROM BULLET OUTLET HEADER	PM 027 A/B/C SUCTION HEADER HOV -1 DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000

1041	26-09-2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2- UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1042	26-09-2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1043	26-09-2025	PIPELINE FROM BULLET OUTLET HEADER	IBT HEEL STRIPPING HEADER HOV -1 UP STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
1044	26-09-2025	PIPELINE FROM BULLET OUTLET HEADER	IBT HEEL STRIPPING HEADER HOV -1 DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1045	26-09-2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1046	26-09-2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1047	26-09-2025	Bullet water Draining line	HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1048	26-09-2025	Bullet water Draining line	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1049	26-09-2025	Bullet water Draining line	HOV-2-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1050	26-09-2025	Bullet water Draining line	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1051	26-09-2025	BULLET TOP AREA (WEST SIDE)	MAN HOLE - 1	Flange	0.2	1	100	0.000001	8760	0.013027
1052	26-09-2025	BULLET TOP AREA (WEST SIDE)	BULLET INLET FLANGE	Flange	0.1	1	100	0.000001	8760	0.008002
1053	26-09-2025	BULLET TOP AREA (WEST SIDE)	BULLET VAPOUR BALANCING	Flange	0.1	1	100	0.000001	8760	0.008002
1054	26-09-2025	BULLET TOP AREA (WEST SIDE)	LT FLARE FLANG	Flange	0.3	1	100	0.000002	8760	0.017323
1055	26-09-2025	BULLET TOP AREA (WEST SIDE)	PRESSURE TRANSMITTER	Flange	0.2	1	100	0.000001	8760	0.013027
1056	26-09-2025	BULLET TOP AREA (WEST SIDE)	LEVEL TRANSMITTER	Flange	0.1	1	100	0.000001	8760	0.008002
1057	26-09-2025	BULLET TOP AREA (EAST SIDE)	MAN HOLE - 2	Flange	0.1	1	100	0.000001	8760	0.008002
1058	26-09-2025	BULLET TOP AREA (EAST SIDE)	OTHER	Flange	0.1	1	100	0.000001	8760	0.008002
1059	26-09-2025	BULLET 205 - V- 007	BULLET INLET XZV 0188 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1060	26-09-2025	BULLET 205 - V- 007	BULLET INLET XZV 0188 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1061	26-09-2025	VAPOUR BALANCING LINE	XZV VALVE 0189 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1062	26-09-2025	VAPOUR BALANCING LINE	XZV VALVE 0189 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1063	26-09-2025	VAPOUR BALANCING LINE	HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1064	26-09-2025	VAPOUR BALANCING LINE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1065	26-09-2025	BULLET OUTLET LINE	XZV 0190 VALVE - 1- UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1066	26-09-2025	BULLET OUTLET LINE	XZV 0006 VALVE - 1- DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1067	26-09-2025	BULLET OUTLET LINE	HOV-1- UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1068	26-09-2025	BULLET OUTLET LINE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1069	26-09-2025	BULLET OUTLET LINE	HOV-2- UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1070	26-09-2025	BULLET OUTLET LINE	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1071	26-09-2025	BULLET OUTLET LINE	BLENDING HEADER TOP OFF HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1072	26-09-2025	BULLET OUTLET LINE	BLENDING HEADER TOP OFF HOV DOWN STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
1073	26-09-2025	BULLET OUTLET LINE	NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1074	26-09-2025	BULLET OUTLET LINE	NRV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1075	26-09-2025	BULLET OUTLET LINE	PM 28 A/B/C propylene ibt hov -1 UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1076	26-09-2025	BULLET OUTLET LINE	PM 28 A/B/C propylene ibt hov -1 down STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1077	26-09-2025	BULLET OUTLET LINE	NRV VALVE UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1078	26-09-2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1079	26-09-2025	BULLET OUTLET LINE	PM 01 A/B/C/ minimum flow HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1080	26-09-2025	BULLET OUTLET LINE	PM 01 A/B/C/ minimum flow HOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1081	26-09-2025	BULLET OUTLET LINE	028 A/B/C minimum flow HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1082	26-09-2025	BULLET OUTLET LINE	028 A/B/C minimum flow HOV down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1083	26-09-2025	BULLET OUTLET LINE	IBT DISCHAGE HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1084	26-09-2025	BULLET OUTLET LINE	IBT DISCHARGE HOV down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1085	26-09-2025	BULLET OUTLET LINE	NRV VALVE UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1086	26-09-2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1087	26-09-2025	BULLET OUTLET LINE	BLENDING SPILAGE OF SPEE LPG UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1088	26-09-2025	BULLET OUTLET LINE	BLENDING SPILAGE OF SPEE LPG DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1089	26-09-2025	BULLET OUTLET LINE	NRV VALVE UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1090	26-09-2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.1	1	100	0.000001	8760	0.008002
1091	26-09-2025	BULLET OUTLET LINE	OFF SPEE LPG HOV UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1092	26-09-2025	BULLET OUTLET LINE	OFF SPEE LPG HOV DOWNsteam	Flange	0.1	1	100	0.000001	8760	0.008002
1093	26-09-2025	BULLET OUTLET LINE	NRV VALVE UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1094	26-09-2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.1	1	100	0.000001	8760	0.008002
1095	26-09-2025	PIPELINE FROM BULLET OUTLET HEADER	PM 027 A/B/C SUCTION HEADER HOV -1 UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1096	26-09-2025	PIPELINE FROM BULLET OUTLET HEADER	PM 027 A/B/C SUCTION HEADER HOV -1 DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1097	26-09-2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2- UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1098	26-09-2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1099	26-09-2025	PIPELINE FROM BULLET OUTLET HEADER	IBT HEEL STRIPPING HEADER HOV -1 UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1100	26-09-2025	PIPELINE FROM BULLET OUTLET HEADER	IBT HEEL STRIPPING HEADER HOV -1 DOWN STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
1101	26-09-2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1102	26-09-2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1103	26-09-2025	Bullet water Draining line	HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1104	26-09-2025	Bullet water Draining line	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1105	26-09-2025	Bullet water Draining line	HOV-2-UP steam	Flange	0.1	1	100	0.000001	8760	0.008002
1106	26-09-2025	Bullet water Draining line	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1107	26-09-2025	BULLET TOP AREA (WEST SIDE)	MAN HOLE - 1	Flange	0.0	1	100	0.000000	8760	0.000000
1108	26-09-2025	BULLET TOP AREA (WEST SIDE)	BULLET INLET FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1109	26-09-2025	BULLET TOP AREA (WEST SIDE)	BULLET VAPOUR BALANCING	Flange	0.0	1	100	0.000000	8760	0.000000
1110	26-09-2025	BULLET TOP AREA (WEST SIDE)	LT FLARE FLANG	Flange	0.0	1	100	0.000000	8760	0.000000
1111	26-09-2025	BULLET TOP AREA (WEST SIDE)	PRESSURE TRANSMITTER	Flange	0.1	1	100	0.000001	8760	0.008002
1112	26-09-2025	BULLET TOP AREA (WEST SIDE)	LEVEL TRANSMITTER	Flange	0.0	1	100	0.000000	8760	0.000000
1113	26-09-2025	BULLET TOP AREA (EAST SIDE)	MAN HOLE - 2	Flange	0.0	1	100	0.000000	8760	0.000000
1114	26-09-2025	BULLET TOP AREA (EAST SIDE)	OTHER	Flange	0.0	1	100	0.000000	8760	0.000000
1115	26-09-2025	BULLET 205 - V- 008	BULLET INLET XZV 0603 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1116	26-09-2025	BULLET 205 - V- 008	BULLET INLET XZV 0603 DOWNSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
1117	26-09-2025	VAPOUR BALANCING LINE	XZV VALVE 0191 UPSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
1118	26-09-2025	VAPOUR BALANCING LINE	XZV VALVE 0191 DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
1119	26-09-2025	VAPOUR BALANCING LINE	HOV-1-UP steam	Flange	0.2	1	100	0.000001	8760	0.013027
1120	26-09-2025	VAPOUR BALANCING LINE	HOV-1-down steam	Flange	0.1	1	100	0.000001	8760	0.008002
1121	26-09-2025	BULLET OUTLET LINE	XZV 0192 VALVE - 1- UP STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
1122	26-09-2025	BULLET OUTLET LINE	XZV 0192 VALVE - 1- DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1123	26-09-2025	BULLET OUTLET LINE	HOV-1- UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1124	26-09-2025	BULLET OUTLET LINE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1125	26-09-2025	BULLET OUTLET LINE	HOV-2- UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1126	26-09-2025	BULLET OUTLET LINE	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000

1127	26-09-2025	BULLET OUTLET LINE	BLENDING HEADER TOP OFF HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1128	26-09-2025	BULLET OUTLET LINE	BLENDING HEADER TOP OFF HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1129	26-09-2025	BULLET OUTLET LINE	NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1130	26-09-2025	BULLET OUTLET LINE	NRV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1131	26-09-2025	BULLET OUTLET LINE	PM 28 A/B/C propylene ibt hov -1 UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1132	26-09-2025	BULLET OUTLET LINE	PM 28 A/B/C propylene ibt hov -1 down STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
1133	26-09-2025	BULLET OUTLET LINE	NRV VALVE UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1134	26-09-2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1135	26-09-2025	BULLET OUTLET LINE	029 minimum flow HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1136	26-09-2025	BULLET OUTLET LINE	029 MInimum flow HOV DOWNSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
1137	26-09-2025	BULLET OUTLET LINE	028 A/B/C minimum flow HOV UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
1138	26-09-2025	BULLET OUTLET LINE	028 A/B/C minimum flow HOV down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1139	26-09-2025	BULLET OUTLET LINE	IBT DISCHAGE HOV UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
1140	26-09-2025	BULLET OUTLET LINE	IBT DISCHARGE HOV down steam	Flange	0.1	1	100	0.000001	8760	0.008002
1141	26-09-2025	BULLET OUTLET LINE	NRV VALVE UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1142	26-09-2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1143	26-09-2025	BULLET OUTLET LINE	BLENDING SPILAGE OF SPEE LPG UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
1144	26-09-2025	BULLET OUTLET LINE	BLENDING SPILAGE OF SPEE LPG DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
1145	26-09-2025	BULLET OUTLET LINE	NRV VALVE UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
1146	26-09-2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.1	1	100	0.000001	8760	0.008002
1147	26-09-2025	BULLET OUTLET LINE	OFF SPEE LPG HOV UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1148	26-09-2025	BULLET OUTLET LINE	OFF SPEE LPG HOV DOWNsteam	Flange	0.0	1	100	0.000000	8760	0.000000
1149	26-09-2025	BULLET OUTLET LINE	NRV VALVE UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1150	26-09-2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1151	26-09-2025	PIPELINE FROM BULLET OUTLET HEADER	PM 027 A/B/C SUCTION HEADER HOV -1 UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1152	26-09-2025	PIPELINE FROM BULLET OUTLET HEADER	PM 027 A/B/C SUCTION HEADER HOV -1 DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1153	26-09-2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2- UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1154	26-09-2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1155	26-09-2025	PIPELINE FROM BULLET OUTLET HEADER	IBT HEEL STRIPPING HEADER HOV -1 UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1156	26-09-2025	PIPELINE FROM BULLET OUTLET HEADER	IBT HEEL STRIPPING HEADER HOV -1 DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1157	26-09-2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1158	26-09-2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1159	26-09-2025	Bullet water Draining line	HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1160	26-09-2025	Bullet water Draining line	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1161	26-09-2025	Bullet water Draining line	HOV-2-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1162	26-09-2025	Bullet water Draining line	HOV-2-down steam	Flange	0.1	1	100	0.000001	8760	0.008002
1163	26-09-2025	BULLET TOP AREA (WEST SIDE)	MAN HOLE - 1	Flange	0.0	1	100	0.000000	8760	0.000000
1164	26-09-2025	BULLET TOP AREA (WEST SIDE)	BULLET INLET FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1165	26-09-2025	BULLET TOP AREA (WEST SIDE)	BULLET VAPOUR BALANCING	Flange	0.0	1	100	0.000000	8760	0.000000
1166	26-09-2025	BULLET TOP AREA (WEST SIDE)	LT FLARE FLANG	Flange	0.0	1	100	0.000000	8760	0.000000
1167	26-09-2025	BULLET TOP AREA (WEST SIDE)	PRESSURE TRANSMITTER	Flange	0.0	1	100	0.000000	8760	0.000000
1168	26-09-2025	BULLET TOP AREA (WEST SIDE)	LEVEL TRANSMITTER	Flange	0.0	1	100	0.000000	8760	0.000000
1169	26-09-2025	BULLET TOP AREA (EAST SIDE)	MAN HOLE - 2	Flange	0.0	1	100	0.000000	8760	0.000000
1170	26-09-2025	BULLET TOP AREA (EAST SIDE)	OTHER	Flange	0.1	1	100	0.000001	8760	0.008002
1171	26-09-2025	BULLET 205 - V- 009	BULLET INLET XZV 0193 UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
1172	26-09-2025	BULLET 205 - V- 009	BULLET INLET XZV 0193 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1173	26-09-2025	VAPOUR BALANCING LINE	XZV VALVE 0194 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1174	26-09-2025	VAPOUR BALANCING LINE	XZV VALVE 0194 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1175	26-09-2025	VAPOUR BALANCING LINE	HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1176	26-09-2025	VAPOUR BALANCING LINE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1177	26-09-2025	BULLET OUTLET LINE	XZV 0195 VALVE - 1- UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1178	26-09-2025	BULLET OUTLET LINE	XZV 0195 VALVE - 1- DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1179	26-09-2025	BULLET OUTLET LINE	HOV-1- UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1180	26-09-2025	BULLET OUTLET LINE	HOV-1-down steam	Flange	0.2	1	100	0.000001	8760	0.013027
1181	26-09-2025	BULLET OUTLET LINE	HOV-2- UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1182	26-09-2025	BULLET OUTLET LINE	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1183	26-09-2025	BULLET OUTLET LINE	BLENDING HEADER TOP OFF HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1184	26-09-2025	BULLET OUTLET LINE	BLENDING HEADER TOP OFF HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1185	26-09-2025	BULLET OUTLET LINE	NRV UP STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
1186	26-09-2025	BULLET OUTLET LINE	NRV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1187	26-09-2025	BULLET OUTLET LINE	PM 28 A/B/C propylene ibt hov -1 UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1188	26-09-2025	BULLET OUTLET LINE	PM 28 A/B/C propylene ibt hov -1 down STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1189	26-09-2025	BULLET OUTLET LINE	NRV VALVE UP steam	Flange	0.1	1	100	0.000001	8760	0.008002
1190	26-09-2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.1	1	100	0.000001	8760	0.008002
1191	26-09-2025	BULLET OUTLET LINE	029 minimum flow HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1192	26-09-2025	BULLET OUTLET LINE	029 MInimum flow HOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1193	26-09-2025	BULLET OUTLET LINE	028 A/B/C minimum flow HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1194	26-09-2025	BULLET OUTLET LINE	028 A/B/C minimum flow HOV down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1195	26-09-2025	BULLET OUTLET LINE	IBT DISCHAGE HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1196	26-09-2025	BULLET OUTLET LINE	IBT DISCHARGE HOV down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1197	26-09-2025	BULLET OUTLET LINE	NRV VALVE UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1198	26-09-2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1199	26-09-2025	BULLET OUTLET LINE	BLENDING SPILAGE OF SPEE LPG UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
1200	26-09-2025	BULLET OUTLET LINE	BLENDING SPILAGE OF SPEE LPG DOWNSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
1201	26-09-2025	BULLET OUTLET LINE	NRV VALVE UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
1202	26-09-2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1203	26-09-2025	BULLET OUTLET LINE	OFF SPEE LPG HOV UP steam	Flange	0.1	1	100	0.000001	8760	0.008002
1204	26-09-2025	BULLET OUTLET LINE	OFF SPEE LPG HOV DOWNsteam	Flange	0.1	1	100	0.000001	8760	0.008002
1205	26-09-2025	BULLET OUTLET LINE	NRV VALVE UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
1206	26-09-2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.2	1	100	0.000001	8760	0.013027
1207	26-09-2025	PIPELINE FROM BULLET OUTLET HEADER	PM 027 A/B/C SUCTION HEADER HOV -1 UP STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
1208	26-09-2025	PIPELINE FROM BULLET OUTLET HEADER	PM 027 A/B/C SUCTION HEADER HOV -1 DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1209	26-09-2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2- UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1210	26-09-2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1211	26-09-2025	PIPELINE FROM BULLET OUTLET HEADER	IBT HEEL STRIPPING HEADER HOV -1 UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1212	26-09-2025	PIPELINE FROM BULLET OUTLET HEADER	IBT HEEL STRIPPING HEADER HOV -1 DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1213	26-09-2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000

1214	26-09-2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1215	26-09-2025	Bullet water Draining line	HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1216	26-09-2025	Bullet water Draining line	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1217	26-09-2025	Bullet water Draining line	HOV-2-UP steam	Flange	0.2	1	100	0.000001	8760	0.013027
1218	26-09-2025	Bullet water Draining line	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1219	26-09-2025	BULLET TOP AREA (WEST SIDE)	MAN HOLE - 1	Flange	0.1	1	100	0.000001	8760	0.008002
1220	26-09-2025	BULLET TOP AREA (WEST SIDE)	BULLET INLET FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1221	26-09-2025	BULLET TOP AREA (WEST SIDE)	BULLET VAPOUR BALANCING	Flange	0.0	1	100	0.000000	8760	0.000000
1222	26-09-2025	BULLET TOP AREA (WEST SIDE)	LT FLARE FLANG	Flange	0.0	1	100	0.000000	8760	0.000000
1223	26-09-2025	BULLET TOP AREA (WEST SIDE)	PRESSURE TRANSMITTER	Flange	0.0	1	100	0.000000	8760	0.000000
1224	26-09-2025	BULLET TOP AREA (WEST SIDE)	LEVEL TRANSMITTER	Flange	0.2	1	100	0.000001	8760	0.013027
1225	26-09-2025	BULLET TOP AREA (EAST SIDE)	MAN HOLE - 2	Flange	0.1	1	100	0.000001	8760	0.008002
1226	26-09-2025	BULLET TOP AREA (EAST SIDE)	OTHER	Flange	0.0	1	100	0.000000	8760	0.000000
1227	26-09-2025	LPG AREA MOUND II BULLET 205-V-012	BULLET INLET XZV 1188 UPSTEAM	Flange	0.7	1	100	0.000004	8760	0.031427
1228	26-09-2025	LPG AREA MOUND II BULLET 205-V-012	BULLET INLET XZV 1188 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1229	26-09-2025	VAPOUR BALANCE LINE	HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1230	26-09-2025	VAPOUR BALANCE LINE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1231	26-09-2025	VAPOUR BALANCE LINE	XZV 1189 VALVE UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1232	26-09-2025	VAPOUR BALANCE LINE	XZV 1189 VALVE DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1233	26-09-2025	BULLET OUTLET LINE	XZV VALVE UP STEAM 1190	Flange	0.0	1	100	0.000000	8760	0.000000
1234	26-09-2025	BULLET OUTLET LINE	XZV VALVE DOWN STEAM 1190	Flange	0.2	1	100	0.000001	8760	0.013027
1235	26-09-2025	BULLET OUTLET LINE	HOV-1 OFF V12-UP steam	Flange	0.1	1	100	0.000001	8760	0.008002
1236	26-09-2025	BULLET OUTLET LINE	HOV-1-down steam	Flange	0.1	1	100	0.000001	8760	0.008002
1237	26-09-2025	BULLET OUTLET LINE	HOV-2-UP steam	Flange	0.1	1	100	0.000001	8760	0.008002
1238	26-09-2025	BULLET OUTLET LINE	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1239	26-09-2025	BULLET OUTLET LINE	BLENDING HEADER TOP OFF HOV	Flange	0.1	1	100	0.000001	8760	0.008002
1240	26-09-2025	BULLET OUTLET LINE	BLENDING HEADER TOP OFF HOV	Flange	0.0	1	100	0.000000	8760	0.000000
1241	26-09-2025	BULLET OUTLET LINE	NRV VALVE UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1242	26-09-2025	BULLET OUTLET LINE	NRV VALVE DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1243	26-09-2025	BULLET OUTLET LINE	PUMP 28A/B/C PROPYLENE I BT HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1244	26-09-2025	BULLET OUTLET LINE	PUMP 28A/B/C PROPYLENE I BT HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1245	26-09-2025	BULLET OUTLET LINE	NRV VALVE UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
1246	26-09-2025	BULLET OUTLET LINE	NRV VALVE DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1247	26-09-2025	BULLET OUTLET LINE	PM 01A/B/C MINIMUM FLOW UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
1248	26-09-2025	BULLET OUTLET LINE	PM 01A/B/C MINIMUM FLOW DOWNSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
1249	26-09-2025	BULLET OUTLET LINE	27 A/B/C MINIMUM FLOW HOV UPSTEAM	Flange	0.3	1	100	0.000002	8760	0.017323
1250	26-09-2025	BULLET OUTLET LINE	27 A/B/C MINIMUM FLOW HOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1251	26-09-2025	BULLET OUTLET LINE	IBT DISCHARGE HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1252	26-09-2025	BULLET OUTLET LINE	IBT DISCHARGE HOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1253	26-09-2025	BULLET OUTLET LINE	NRV VALVE UPSTEAM	Flange	0.3	1	100	0.000002	8760	0.017323
1254	26-09-2025	BULLET OUTLET LINE	NRV VALVE DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1255	26-09-2025	BULLET OUTLET LINE	BLENDING SPILLAGE OF SPEE LPG HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1256	26-09-2025	BULLET OUTLET LINE	BLENDING SPILLAGE OF SPEE LPG HOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1257	26-09-2025	BULLET OUTLET LINE	NRV VALVE UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1258	26-09-2025	BULLET OUTLET LINE	NRV VALVE DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1259	26-09-2025	BULLET OUTLET LINE	OFF SPEE LPG HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1260	26-09-2025	BULLET OUTLET LINE	OFF SPEE LPG HOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1261	26-09-2025	BULLET OUTLET LINE	NRV VALVE UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
1262	26-09-2025	BULLET OUTLET LINE	NRV VALVE DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1263	26-09-2025	PIPE LINE FROM BULLET OUTLET HEADER	PM 27A/B/C SUCTION HEADER HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1264	26-09-2025	PIPE LINE FROM BULLET OUTLET HEADER	PM 27A/B/C SUCTION HEADER HOV-1-DOWN steam	Flange	0.0	1	100	0.000000	8760	0.000000
1265	26-09-2025	PIPE LINE FROM BULLET OUTLET HEADER	PM 27A/B/C SUCTION HEADER HOV-2-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1266	26-09-2025	PIPE LINE FROM BULLET OUTLET HEADER	PM 27A/B/C SUCTION HEADER HOV-2-DOWN steam	Flange	0.0	1	100	0.000000	8760	0.000000
1267	26-09-2025	PIPE LINE FROM BULLET OUTLET HEADER	IBT HEEL STRIPING HEADER HOV-1-UP steam	Flange	0.1	1	100	0.000001	8760	0.008002
1268	26-09-2025	PIPE LINE FROM BULLET OUTLET HEADER	IBT HEEL STRIPING HEADER HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1269	26-09-2025	PIPE LINE FROM BULLET OUTLET HEADER	IBT HEEL STRIPING HEADER HOV-2-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1270	26-09-2025	PIPE LINE FROM BULLET OUTLET HEADER	IBT HEEL STRIPING HEADER HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1271	26-09-2025	Bullet water Draining line	HOV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1272	26-09-2025	Bullet water Draining line	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1273	26-09-2025	Bullet water Draining line	HOV-2-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1274	26-09-2025	Bullet water Draining line	HOV-2-down steam	Flange	0.1	1	100	0.000001	8760	0.008002
1275	26-09-2025	BULLET TOP AREA (WEST SIDE)	MAN HOLE - 1	Flange	0.0	1	100	0.000000	8760	0.000000
1276	26-09-2025	BULLET TOP AREA (WEST SIDE)	BULLET INLET FLANGE	Flange	0.1	1	100	0.000001	8760	0.008002
1277	26-09-2025	BULLET TOP AREA (WEST SIDE)	BULLET VAPOUR BALANCING	Flange	0.0	1	100	0.000000	8760	0.000000
1278	26-09-2025	BULLET TOP AREA (WEST SIDE)	LT FLARE FLANG	Flange	0.0	1	100	0.000000	8760	0.000000
1279	26-09-2025	BULLET TOP AREA (WEST SIDE)	PRESSURE TRANSMITTER	Flange	0.0	1	100	0.000000	8760	0.000000
1280	26-09-2025	BULLET TOP AREA (WEST SIDE)	LEVEL TRANSMITTER	Flange	0.0	1	100	0.000000	8760	0.000000
1281	26-09-2025	BULLET TOP AREA (EAST SIDE)	MAN HOLE - 2	Flange	0.0	1	100	0.000000	8760	0.000000
1282	26-09-2025	BULLET TOP AREA (EAST SIDE)	OTHER	Flange	0.0	1	100	0.000000	8760	0.000000
1283	26-09-2025	BULLET 205 - V- 013	BULLET INLET XZV 1003 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1284	26-09-2025	BULLET 205 - V- 013	BULLET INLET XZV 1003 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1285	27-09-2025	VAPOUR BALANCING LINE	XZV VALVE 1191 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1286	27-09-2025	VAPOUR BALANCING LINE	XZV VALVE 1191DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1287	27-09-2025	VAPOUR BALANCING LINE	HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1288	27-09-2025	VAPOUR BALANCING LINE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1289	27-09-2025	BULLET OUTLET LINE	XZV 1192 VALVE - 1- UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1290	27-09-2025	BULLET OUTLET LINE	XZV 1192 VALVE - 1- DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1291	27-09-2025	BULLET OUTLET LINE	HOV-1- UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1292	27-09-2025	BULLET OUTLET LINE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1293	27-09-2025	BULLET OUTLET LINE	HOV-2- UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1294	27-09-2025	BULLET OUTLET LINE	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1295	27-09-2025	BULLET OUTLET LINE	BLENDING HEADER TOP OFF HOV UP STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
1296	27-09-2025	BULLET OUTLET LINE	BLENDING HEADER TOP OFF HOV DOWN STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
1297	27-09-2025	BULLET OUTLET LINE	NRV UP STEAM	Flange	0.4	1	100	0.000002	8760	0.021206
1298	27-09-2025	BULLET OUTLET LINE	NRV DOWN STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
1299	27-09-2025	BULLET OUTLET LINE	PM 28 A/B/C propylene IBT HOV -1 UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1300	27-09-2025	BULLET OUTLET LINE	PM 28 A/B/C propylene IBT HOV -1 down STEAM	Flange	0.5	1	100	0.000003	8760	0.024807

1301	27-09-2025	BULLET OUTLET LINE	NRV VALVE UP steam	Flange	0.2	1	100	0.000001	8760	0.013027
1302	27-09-2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1303	27-09-2025	BULLET OUTLET LINE	PM01 D/E/F minimum flow HOV UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
1304	27-09-2025	BULLET OUTLET LINE	PM01 D/E/F Minimum flow HOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1305	27-09-2025	BULLET OUTLET LINE	027 A/B/C minimum flow HOV UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
1306	27-09-2025	BULLET OUTLET LINE	027 A/B/C minimum flow HOV down steam	Flange	0.1	1	100	0.000001	8760	0.008002
1307	27-09-2025	BULLET OUTLET LINE	IBT DISCHAGE HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1308	27-09-2025	BULLET OUTLET LINE	IBT DISCHARGE HOV down steam	Flange	0.4	1	100	0.000002	8760	0.021206
1309	27-09-2025	BULLET OUTLET LINE	NRV VALVE UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1310	27-09-2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1311	27-09-2025	BULLET OUTLET LINE	BLENDING SPILAGE OF SPEE LPG UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1312	27-09-2025	BULLET OUTLET LINE	BLENDING SPILAGE OF SPEE LPG DOWNSTEAM	Flange	0.6	1	100	0.000003	8760	0.028200
1313	27-09-2025	BULLET OUTLET LINE	NRV VALVE UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1314	27-09-2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1315	27-09-2025	BULLET OUTLET LINE	OFF SPEE LPG HOV UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1316	27-09-2025	BULLET OUTLET LINE	OFF SPEE LPG HOV DOWNsteam	Flange	0.9	1	100	0.000004	8760	0.037501
1317	27-09-2025	BULLET OUTLET LINE	NRV VALVE UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1318	27-09-2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1319	27-09-2025	PIPELINE FROM BULLET OUTLET HEADER	PM 027 A/B/C SUCTION HEADER HOV -1 UP STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
1320	27-09-2025	PIPELINE FROM BULLET OUTLET HEADER	PM 027 A/B/C SUCTION HEADER HOV -1 DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1321	27-09-2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2- UP steam	Flange	0.7	1	100	0.000004	8760	0.031427
1322	27-09-2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1323	27-09-2025	PIPELINE FROM BULLET OUTLET HEADER	IBT HEEL STRIPPING HEADER HOV -1 UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1324	27-09-2025	PIPELINE FROM BULLET OUTLET HEADER	IBT HEEL STRIPPING HEADER HOV -1 DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1325	27-09-2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1326	27-09-2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1327	27-09-2025	Bullet water Draining line	HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1328	27-09-2025	Bullet water Draining line	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1329	27-09-2025	Bullet water Draining line	HOV-2-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1330	27-09-2025	Bullet water Draining line	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1331	27-09-2025	BULLET TOP AREA (WEST SIDE)	MAN HOLE - 1	Flange	0.0	1	100	0.000000	8760	0.000000
1332	27-09-2025	BULLET TOP AREA (WEST SIDE)	BULLET INLET FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1333	27-09-2025	BULLET TOP AREA (WEST SIDE)	BULLET VAPOUR BALANCING	Flange	0.0	1	100	0.000000	8760	0.000000
1334	27-09-2025	BULLET TOP AREA (WEST SIDE)	LT FLARE FLANG	Flange	0.0	1	100	0.000000	8760	0.000000
1335	27-09-2025	BULLET TOP AREA (WEST SIDE)	PRESSURE TRANSMITTER	Flange	0.0	1	100	0.000000	8760	0.000000
1336	27-09-2025	BULLET TOP AREA (WEST SIDE)	LEVEL TRANSMITTER	Flange	0.0	1	100	0.000000	8760	0.000000
1337	27-09-2025	BULLET TOP AREA (EAST SIDE)	MAN HOLE - 2	Flange	0.0	1	100	0.000000	8760	0.000000
1338	27-09-2025	BULLET TOP AREA (EAST SIDE)	OTHER	Flange	0.0	1	100	0.000000	8760	0.000000
1339	27-09-2025	BULLET 205 - V- 014	BULLET INLET XZV 1193 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1340	27-09-2025	BULLET 205 - V- 014	BULLET INLET XZV 1193 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1341	27-09-2025	VAPOUR BALANCING LINE	XZV VALVE 1194 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1342	27-09-2025	VAPOUR BALANCING LINE	XZV VALVE 1194 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1343	27-09-2025	VAPOUR BALANCING LINE	HOV-1-UP steam	Flange	0.2	1	100	0.000001	8760	0.013027
1344	27-09-2025	VAPOUR BALANCING LINE	HOV-1-down steam	Flange	0.4	1	100	0.000002	8760	0.021206
1345	27-09-2025	BULLET OUTLET LINE	XZV 1195 VALVE - 1- UP STEAM	Flange	0.3	1	100	0.000002	8760	0.017323
1346	27-09-2025	BULLET OUTLET LINE	XZV 1195 VALVE - 1- DOWN STEAM	Flange	0.6	1	100	0.000003	8760	0.028200
1347	27-09-2025	BULLET OUTLET LINE	HOV-1- UP steam	Flange	0.1	1	100	0.000001	8760	0.008002
1348	27-09-2025	BULLET OUTLET LINE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1349	27-09-2025	BULLET OUTLET LINE	HOV-2- UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1350	27-09-2025	BULLET OUTLET LINE	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1351	27-09-2025	BULLET OUTLET LINE	BLENDING HEADER TOP OFF HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1352	27-09-2025	BULLET OUTLET LINE	BLENDING HEADER TOP OFF HOV DOWN STEAM	Flange	0.3	1	100	0.000002	8760	0.017323
1353	27-09-2025	BULLET OUTLET LINE	NRV UP STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
1354	27-09-2025	BULLET OUTLET LINE	NRV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1355	27-09-2025	BULLET OUTLET LINE	PM 28 A/B/C propylene ibt hov -1 UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1356	27-09-2025	BULLET OUTLET LINE	PM 28 A/B/C propylene ibt hov -1 down STEAM	Flange	0.5	1	100	0.000003	8760	0.024807
1357	27-09-2025	BULLET OUTLET LINE	NRV VALVE UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1358	27-09-2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.4	1	100	0.000002	8760	0.021206
1359	27-09-2025	BULLET OUTLET LINE	PM01 A/B/C minimum flow HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1360	27-09-2025	BULLET OUTLET LINE	PM01 A/B/C Minimum flow HOV DOWNSTEAM	Flange	0.7	1	100	0.000004	8760	0.031427
1361	27-09-2025	BULLET OUTLET LINE	027 A/B/C minimum flow HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1362	27-09-2025	BULLET OUTLET LINE	027 A/B/C minimum flow HOV down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1363	27-09-2025	BULLET OUTLET LINE	IBT DISCHAGE HOV UPSTEAM	Flange	0.3	1	100	0.000002	8760	0.017323
1364	27-09-2025	BULLET OUTLET LINE	IBT DISCHARGE HOV down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1365	27-09-2025	BULLET OUTLET LINE	NRV VALVE UP steam	Flange	0.4	1	100	0.000002	8760	0.021206
1366	27-09-2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1367	27-09-2025	BULLET OUTLET LINE	BLENDING SPILAGE OF SPEE LPG UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1368	27-09-2025	BULLET OUTLET LINE	BLENDING SPILAGE OF SPEE LPG DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1369	27-09-2025	BULLET OUTLET LINE	NRV VALVE UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1370	27-09-2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.1	1	100	0.000001	8760	0.008002
1371	27-09-2025	BULLET OUTLET LINE	OFF SPEE LPG HOV UP steam	Flange	0.1	1	100	0.000001	8760	0.008002
1372	27-09-2025	BULLET OUTLET LINE	OFF SPEE LPG HOV DOWNsteam	Flange	0.0	1	100	0.000000	8760	0.000000
1373	27-09-2025	BULLET OUTLET LINE	NRV VALVE UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1374	27-09-2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1375	27-09-2025	PIPELINE FROM BULLET OUTLET HEADER	PM 027 A/B/C SUCTION HEADER HOV -1 UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1376	27-09-2025	PIPELINE FROM BULLET OUTLET HEADER	PM 027 A/B/C SUCTION HEADER HOV -1 DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1377	27-09-2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2- UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1378	27-09-2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1379	27-09-2025	PIPELINE FROM BULLET OUTLET HEADER	IBT HEEL STRIPPING HEADER HOV -1 UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1380	27-09-2025	PIPELINE FROM BULLET OUTLET HEADER	IBT HEEL STRIPPING HEADER HOV -1 DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1381	27-09-2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1382	27-09-2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1383	27-09-2025	Bullet water Draining line	HOV-1-UP steam	Flange	0.1	1	100	0.000001	8760	0.008002
1384	27-09-2025	Bullet water Draining line	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1385	27-09-2025	Bullet water Draining line	HOV-2-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1386	27-09-2025	Bullet water Draining line	HOV-2-down steam	Flange	0.2	1	100	0.000001	8760	0.013027

1387	27-09-2025	BULLET TOP AREA (WEST SIDE)	MAN HOLE - 1	Flange	0.2	1	100	0.000001	8760	0.013027
1388	27-09-2025	BULLET TOP AREA (WEST SIDE)	BULLET INLET FLANGE	Flange	0.4	1	100	0.000002	8760	0.021206
1389	27-09-2025	BULLET TOP AREA (WEST SIDE)	BULLET VAPOUR BALANCING	Flange	0.0	1	100	0.000000	8760	0.000000
1390	27-09-2025	BULLET TOP AREA (WEST SIDE)	LT FLARE FLANG	Flange	0.0	1	100	0.000000	8760	0.000000
1391	27-09-2025	BULLET TOP AREA (WEST SIDE)	PRESSURE TRANSMITTER	Flange	0.0	1	100	0.000000	8760	0.000000
1392	27-09-2025	BULLET TOP AREA (WEST SIDE)	LEVEL TRANSMITTER	Flange	0.4	1	100	0.000002	8760	0.021206
1393	27-09-2025	BULLET TOP AREA (EAST SIDE)	MAN HOLE - 2	Flange	0.0	1	100	0.000000	8760	0.000000
1394	27-09-2025	BULLET TOP AREA (EAST SIDE)	OTHER	Flange	0.2	1	100	0.000001	8760	0.013027
1395	27-09-2025	BULLET 205 - V- 006	BULLET INLET XZV UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
1396	27-09-2025	BULLET 205 - V- 006	BULLET INLET XZV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1397	27-09-2025	VAPOUR BALANCING LINE	XZV VALVE UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1398	27-09-2025	VAPOUR BALANCING LINE	XZV VALVE DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1399	27-09-2025	VAPOUR BALANCING LINE	HOV-1-UP steam	Flange	0.1	1	100	0.000001	8760	0.008002
1400	27-09-2025	VAPOUR BALANCING LINE	HOV-1-down steam	Flange	0.2	1	100	0.000001	8760	0.013027
1401	27-09-2025	BULLET OUTLET LINE	XZV VALVE - 1- UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1402	27-09-2025	BULLET OUTLET LINE	XZV VALVE - 1- DOWN STEAM	Flange	0.4	1	100	0.000002	8760	0.021206
1403	27-09-2025	BULLET OUTLET LINE	HOV-1- UP steam	Flange	0.6	1	100	0.000003	8760	0.028200
1404	27-09-2025	BULLET OUTLET LINE	HOV-1-down steam	Flange	0.4	1	100	0.000002	8760	0.021206
1405	27-09-2025	BULLET OUTLET LINE	HOV-2- UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1406	27-09-2025	BULLET OUTLET LINE	HOV-2-down steam	Flange	0.1	1	100	0.000001	8760	0.008002
1407	27-09-2025	BULLET OUTLET LINE	PROPYLENE RUN DOWN LINE UP STREAM	Flange	0.1	1	100	0.000001	8760	0.008002
1408	27-09-2025	BULLET OUTLET LINE	PROPYLENE RUN DOWN LINE DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1409	27-09-2025	BULLET OUTLET LINE	NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1410	27-09-2025	BULLET OUTLET LINE	NRV DOWN STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
1411	27-09-2025	BULLET OUTLET LINE	IBT DISCHAGE HOV UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
1412	27-09-2025	BULLET OUTLET LINE	IBT DISCHARGE HOV down steam	Flange	0.1	1	100	0.000001	8760	0.008002
1413	27-09-2025	BULLET OUTLET LINE	PM 28 A/B/C MINIMUM FLOW HEADER UP STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
1414	27-09-2025	BULLET OUTLET LINE	PM 28 A/B/C MINIMUM FLOW HEADER down STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1415	27-09-2025	BULLET OUTLET LINE	NRV VALVE UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1416	27-09-2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1417	27-09-2025	BULLET OUTLET LINE	PM29 A/B/C minimum flow HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1418	27-09-2025	BULLET OUTLET LINE	PM29 A/B/C Minimum flow HOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1419	27-09-2025	BULLET OUTLET LINE	IBT SUCTION HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1420	27-09-2025	BULLET OUTLET LINE	IBT SUCTION HOV down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1421	27-09-2025	BULLET OUTLET LINE	IBT SUCTION HOV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1422	27-09-2025	BULLET OUTLET LINE	IBT SUCTION HOV2 down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1423	27-09-2025	BULLET OUTLET LINE	PM 029 A/B/C SUCTION HEADER HOV -1 UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1424	27-09-2025	BULLET OUTLET LINE	PM 029 A/B/C SUCTION HEADER HOV -1 DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1425	27-09-2025	BULLET OUTLET LINE	HOV-2- UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1426	27-09-2025	BULLET OUTLET LINE	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1427	27-09-2025	BULLET OUTLET LINE	PM 28 A/B/C propylene ibt hov -1 UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1428	27-09-2025	BULLET OUTLET LINE	PM 28 A/B/C propylene ibt hov -1 down STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1429	27-09-2025	BULLET OUTLET LINE	NRV VALVE UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1430	27-09-2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1431	27-09-2025	Bullet water Draining line	HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1432	27-09-2025	Bullet water Draining line	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1433	27-09-2025	Bullet water Draining line	HOV-2-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1434	27-09-2025	Bullet water Draining line	HOV-2-down steam	Flange	0.2	1	100	0.000001	8760	0.013027
1435	27-09-2025	BULLET TOP AREA (WEST SIDE)	MAN HOLE - 1	Flange	0.1	1	100	0.000001	8760	0.008002
1436	27-09-2025	BULLET TOP AREA (WEST SIDE)	BULLET INLET FLANGE	Flange	0.3	1	100	0.000002	8760	0.017323
1437	27-09-2025	BULLET TOP AREA (WEST SIDE)	BULLET VAPOUR BALANCING	Flange	0.0	1	100	0.000000	8760	0.000000
1438	27-09-2025	BULLET TOP AREA (WEST SIDE)	LT FLARE FLANG	Flange	0.0	1	100	0.000000	8760	0.000000
1439	27-09-2025	BULLET TOP AREA (WEST SIDE)	PRESSURE TRANSMITTER	Flange	0.0	1	100	0.000000	8760	0.000000
1440	27-09-2025	BULLET TOP AREA (WEST SIDE)	LEVEL TRANSMITTER	Flange	0.0	1	100	0.000000	8760	0.000000
1441	27-09-2025	BULLET TOP AREA (EAST SIDE)	MAN HOLE - 2	Flange	0.0	1	100	0.000000	8760	0.000000
1442	27-09-2025	BULLET TOP AREA (EAST SIDE)	OTHER	Flange	0.0	1	100	0.000000	8760	0.000000
1443	27-09-2025	BULLET 205 - V- 010	BULLET INLET XZV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1444	27-09-2025	BULLET 205 - V- 010	BULLET INLET XZV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1445	27-09-2025	VAPOUR BALANCING LINE	XZV VALVE UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1446	27-09-2025	VAPOUR BALANCING LINE	XZV VALVE DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1447	27-09-2025	VAPOUR BALANCING LINE	HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1448	27-09-2025	VAPOUR BALANCING LINE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1449	27-09-2025	BULLET OUTLET LINE	XZV VALVE - 1- UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1450	27-09-2025	BULLET OUTLET LINE	XZV VALVE - 1- DOWN STEAM	Flange	0.4	1	100	0.000002	8760	0.021206
1451	27-09-2025	BULLET OUTLET LINE	HOV-1- UP steam	Flange	0.3	1	100	0.000002	8760	0.017323
1452	27-09-2025	BULLET OUTLET LINE	HOV-1-down steam	Flange	0.1	1	100	0.000001	8760	0.008002
1453	27-09-2025	BULLET OUTLET LINE	HOV-2- UP steam	Flange	0.1	1	100	0.000001	8760	0.008002
1454	27-09-2025	BULLET OUTLET LINE	HOV-2-down steam	Flange	0.1	1	100	0.000001	8760	0.008002
1455	27-09-2025	BULLET OUTLET LINE	PROPYLENE RUN DOWN LINE UP STREAM	Flange	0.1	1	100	0.000001	8760	0.008002
1456	27-09-2025	BULLET OUTLET LINE	PROPYLENE RUN DOWN LINE DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1457	27-09-2025	BULLET OUTLET LINE	NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1458	27-09-2025	BULLET OUTLET LINE	NRV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1459	27-09-2025	BULLET OUTLET LINE	IBT DISCHAGE HEADER HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1460	27-09-2025	BULLET OUTLET LINE	IBT DISCHARGE HEADER HOV down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1461	27-09-2025	BULLET OUTLET LINE	PM 28 A/B/C MINIMUM FLOW HEADER UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1462	27-09-2025	BULLET OUTLET LINE	PM 28 A/B/C MINIMUM FLOW HEADER down STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1463	27-09-2025	BULLET OUTLET LINE	NRV VALVE UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1464	27-09-2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1465	27-09-2025	BULLET OUTLET LINE	PM29 A/B/C minimum flow HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1466	27-09-2025	BULLET OUTLET LINE	PM29 A/B/C Minimum flow HOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1467	27-09-2025	BULLET OUTLET LINE	PROPYLENE FROM GANTRY LOADING UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1468	27-09-2025	BULLET OUTLET LINE	PROPYLENE FROM GANTRY LOADING DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1469	27-09-2025	BULLET OUTLET LINE	NRV VALVE UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1470	27-09-2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1471	27-09-2025	BULLET OUTLET LINE	HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000

1472	27-09-2025	BULLET OUTLET LINE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1473	27-09-2025	PIPELINE FROM BULLET OUTLET HEADER	PM A/B/C SUCTION HEADER HOV -1 UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1474	27-09-2025	PIPELINE FROM BULLET OUTLET HEADER	PM A/B/C SUCTION HEADER HOV -1 DOWN STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
1475	27-09-2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2- UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1476	27-09-2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1477	27-09-2025	PIPELINE FROM BULLET OUTLET HEADER	IBT PM SUCTION HEADER HOV -1 UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1478	27-09-2025	PIPELINE FROM BULLET OUTLET HEADER	IBT PM SUCTION HEADER HOV -1 DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1479	27-09-2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1480	27-09-2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-down steam	Flange	0.1	1	100	0.000001	8760	0.008002
1481	27-09-2025	Bullet water Draining line	HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1482	27-09-2025	Bullet water Draining line	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1483	27-09-2025	Bullet water Draining line	HOV-2-UP steam	Flange	0.2	1	100	0.000001	8760	0.013027
1484	27-09-2025	Bullet water Draining line	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1485	27-09-2025	BULLET TOP AREA (WEST SIDE)	MAN HOLE - 1	Flange	0.0	1	100	0.000000	8760	0.000000
1486	27-09-2025	BULLET TOP AREA (WEST SIDE)	BULLET INLET FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1487	27-09-2025	BULLET TOP AREA (WEST SIDE)	BULLET VAPOUR BALANCING	Flange	0.0	1	100	0.000000	8760	0.000000
1488	27-09-2025	BULLET TOP AREA (WEST SIDE)	LT FLARE FLANG	Flange	0.0	1	100	0.000000	8760	0.000000
1489	27-09-2025	BULLET TOP AREA (WEST SIDE)	PRESSURE TRANSMITTER	Flange	0.0	1	100	0.000000	8760	0.000000
1490	27-09-2025	BULLET TOP AREA (WEST SIDE)	LEVEL TRANSMITTER	Flange	0.0	1	100	0.000000	8760	0.000000
1491	27-09-2025	BULLET TOP AREA (EAST SIDE)	MAN HOLE - 2	Flange	0.0	1	100	0.000000	8760	0.000000
1492	27-09-2025	BULLET TOP AREA (EAST SIDE)	OTHER	Flange	0.0	1	100	0.000000	8760	0.000000
1493	27-09-2025	BULLET 205 - V- 011	BULLET INLET XZV UPSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
1494	27-09-2025	BULLET 205 - V- 011	BULLET INLET XZV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1495	27-09-2025	VAPOUR BALANCING LINE	XZV VALVE UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1496	27-09-2025	VAPOUR BALANCING LINE	XZV VALVE DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1497	27-09-2025	VAPOUR BALANCING LINE	HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1498	27-09-2025	VAPOUR BALANCING LINE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1499	27-09-2025	BULLET OUTLET LINE	XZV VALVE - 1- UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1500	27-09-2025	BULLET OUTLET LINE	XZV VALVE - 1- DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1501	27-09-2025	BULLET OUTLET LINE	HOV-1- UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1502	27-09-2025	BULLET OUTLET LINE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1503	27-09-2025	BULLET OUTLET LINE	HOV-2- UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1504	27-09-2025	BULLET OUTLET LINE	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1505	27-09-2025	BULLET OUTLET LINE	PROPYLENE RUN DOWN LINE UP STREAM	Flange	0.0	1	100	0.000000	8760	0.000000
1506	27-09-2025	BULLET OUTLET LINE	PROPYLENE RUN DOWN LINE DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1507	27-09-2025	BULLET OUTLET LINE	NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1508	27-09-2025	BULLET OUTLET LINE	NRV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1509	27-09-2025	BULLET OUTLET LINE	IBT DISCHAGE HEADER HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1510	27-09-2025	BULLET OUTLET LINE	IBT DISCHARGE HEADER HOV down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1511	27-09-2025	BULLET OUTLET LINE	PM 28 A/B/C MINIMUM FLOW HEADER UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1512	27-09-2025	BULLET OUTLET LINE	PM 28 A/B/C MINIMUM FLOW HEADER down STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1513	27-09-2025	BULLET OUTLET LINE	NRV VALVE UP steam	Flange	0.2	1	100	0.000001	8760	0.013027
1514	27-09-2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.1	1	100	0.000001	8760	0.008002
1515	27-09-2025	BULLET OUTLET LINE	PM29 A/B/C minimum flow HOV UPSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
1516	27-09-2025	BULLET OUTLET LINE	PM29 A/B/C Minimum flow HOV DOWNSTEAM	Flange	0.4	1	100	0.000002	8760	0.021206
1517	27-09-2025	BULLET OUTLET LINE	PROPYLENE FROM GANTRY LOADING UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1518	27-09-2025	BULLET OUTLET LINE	PROPYLENE FROM GANTRY LOADING DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1519	27-09-2025	BULLET OUTLET LINE	NRV VALVE UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1520	27-09-2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1521	27-09-2025	BULLET OUTLET LINE	HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1522	27-09-2025	BULLET OUTLET LINE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1523	27-09-2025	PIPELINE FROM BULLET OUTLET HEADER	PM A/B/C SUCTION HEADER HOV -1 UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1524	27-09-2025	PIPELINE FROM BULLET OUTLET HEADER	PM A/B/C SUCTION HEADER HOV -1 DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1525	27-09-2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2- UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1526	27-09-2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1527	27-09-2025	PIPELINE FROM BULLET OUTLET HEADER	IBT PM SUCTION HEADER HOV -1 UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1528	27-09-2025	PIPELINE FROM BULLET OUTLET HEADER	IBT PM SUCTION HEADER HOV -1 DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1529	27-09-2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1530	27-09-2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-down steam	Flange	0.2	1	100	0.000001	8760	0.013027
1531	27-09-2025	Bullet water Draining line	HOV-1-UP steam	Flange	0.2	1	100	0.000001	8760	0.013027
1532	27-09-2025	Bullet water Draining line	HOV-1-down steam	Flange	0.1	1	100	0.000001	8760	0.008002
1533	27-09-2025	Bullet water Draining line	HOV-2-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1534	27-09-2025	Bullet water Draining line	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1535	27-09-2025	BULLET TOP AREA (WEST SIDE)	MAN HOLE - 1	Flange	0.0	1	100	0.000000	8760	0.000000
1536	27-09-2025	BULLET TOP AREA (WEST SIDE)	BULLET INLET FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1537	27-09-2025	BULLET TOP AREA (WEST SIDE)	BULLET VAPOUR BALANCING	Flange	0.0	1	100	0.000000	8760	0.000000
1538	27-09-2025	BULLET TOP AREA (WEST SIDE)	LT FLARE FLANG	Flange	0.0	1	100	0.000000	8760	0.000000
1539	27-09-2025	BULLET TOP AREA (WEST SIDE)	PRESSURE TRANSMITTER	Flange	0.2	1	100	0.000001	8760	0.013027
1540	27-09-2025	BULLET TOP AREA (WEST SIDE)	LEVEL TRANSMITTER	Flange	0.0	1	100	0.000000	8760	0.000000
1541	27-09-2025	BULLET TOP AREA (EAST SIDE)	MAN HOLE - 2	Flange	0.1	1	100	0.000001	8760	0.008002
1542	27-09-2025	BULLET TOP AREA (EAST SIDE)	OTHER	Flange	0.0	1	100	0.000000	8760	0.000000
1543	26-09-2025	BULLET 205 - V- 015	BULLET INLET XZV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1544	26-09-2025	BULLET 205 - V- 015	BULLET INLET XZV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1545	26-09-2025	VAPOUR BALANCING LINE	XZV VALVE UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1546	26-09-2025	VAPOUR BALANCING LINE	XZV VALVE DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1547	26-09-2025	VAPOUR BALANCING LINE	HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1548	26-09-2025	VAPOUR BALANCING LINE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1549	26-09-2025	BULLET OUTLET LINE	XZV VALVE - 1- UP STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
1550	26-09-2025	BULLET OUTLET LINE	XZV VALVE - 1- DOWN STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
1551	26-09-2025	BULLET OUTLET LINE	HOV-1- UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1552	26-09-2025	BULLET OUTLET LINE	HOV-1-down steam	Flange	0.1	1	100	0.000001	8760	0.008002
1553	26-09-2025	BULLET OUTLET LINE	HOV-2- UP steam	Flange	0.2	1	100	0.000001	8760	0.013027
1554	26-09-2025	BULLET OUTLET LINE	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1555	26-09-2025	BULLET OUTLET LINE	PROPYLENE RUN DOWN LINE UP STREAM	Flange	0.0	1	100	0.000000	8760	0.000000
1556	26-09-2025	BULLET OUTLET LINE	PROPYLENE RUN DOWN LINE DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000

1557	26-09-2025	BULLET OUTLET LINE	NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1558	26-09-2025	BULLET OUTLET LINE	NRV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1559	26-09-2025	BULLET OUTLET LINE	IBT DISCHAGE HEADER HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1560	26-09-2025	BULLET OUTLET LINE	IBT DISCHARGE HEADER HOV down steam	Flange	0.2	1	100	0.000001	8760	0.013027
1561	26-09-2025	BULLET OUTLET LINE	PM 28 A/B/C MINIMUM FLOW HEADER UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1562	26-09-2025	BULLET OUTLET LINE	PM 28 A/B/C MINIMUM FLOW HEADER down STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1563	26-09-2025	BULLET OUTLET LINE	NRV VALVE UP steam	Flange	0.1	1	100	0.000001	8760	0.008002
1564	26-09-2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1565	26-09-2025	BULLET OUTLET LINE	PM29 A/B/C minimum flow HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1566	26-09-2025	BULLET OUTLET LINE	PM29 A/B/C Minimum flow HOV DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
1567	26-09-2025	BULLET OUTLET LINE	PROPYLENE FROM GANTRY LOADING UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1568	26-09-2025	BULLET OUTLET LINE	PROPYLENE FROM GANTRY LOADING DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1569	26-09-2025	BULLET OUTLET LINE	NRV VALVE UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1570	26-09-2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1571	26-09-2025	BULLET OUTLET LINE	HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1572	26-09-2025	BULLET OUTLET LINE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1573	26-09-2025	PIPELINE FROM BULLET OUTLET HEADER	PM A/B/C SUCTION HEADER HOV -1 UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1574	26-09-2025	PIPELINE FROM BULLET OUTLET HEADER	PM A/B/C SUCTION HEADER HOV -1 DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1575	26-09-2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2- UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1576	26-09-2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-down steam	Flange	0.2	1	100	0.000001	8760	0.013027
1577	26-09-2025	PIPELINE FROM BULLET OUTLET HEADER	IBT PM SUCTION HEADER HOV -1 UP STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
1578	26-09-2025	PIPELINE FROM BULLET OUTLET HEADER	IBT PM SUCTION HEADER HOV -1 DOWN STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
1579	26-09-2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-UP steam	Flange	0.1	1	100	0.000001	8760	0.008002
1580	26-09-2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-down steam	Flange	0.1	1	100	0.000001	8760	0.008002
1581	26-09-2025	Bullet water Draining line	HOV-1-UP steam	Flange	0.2	1	100	0.000001	8760	0.013027
1582	26-09-2025	Bullet water Draining line	HOV-1-down steam	Flange	0.1	1	100	0.000001	8760	0.008002
1583	26-09-2025	Bullet water Draining line	HOV-2-UP steam	Flange	0.1	1	100	0.000001	8760	0.008002
1584	26-09-2025	Bullet water Draining line	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1585	26-09-2025	BULLET TOP AREA (WEST SIDE)	MAN HOLE - 1	Flange	0.0	1	100	0.000000	8760	0.000000
1586	26-09-2025	BULLET TOP AREA (WEST SIDE)	BULLET INLET FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1587	26-09-2025	BULLET TOP AREA (WEST SIDE)	BULLET VAPOUR BALANCING	Flange	0.2	1	100	0.000001	8760	0.013027
1588	26-09-2025	BULLET TOP AREA (WEST SIDE)	LT FLARE FLANG	Flange	0.3	1	100	0.000002	8760	0.017323
1589	26-09-2025	BULLET TOP AREA (WEST SIDE)	PRESSURE TRANSMITTER	Flange	0.4	1	100	0.000002	8760	0.021206
1590	26-09-2025	BULLET TOP AREA (WEST SIDE)	LEVEL TRANSMITTER	Flange	0.0	1	100	0.000000	8760	0.000000
1591	26-09-2025	BULLET TOP AREA (EAST SIDE)	MAN HOLE - 2	Flange	0.0	1	100	0.000000	8760	0.000000
1592	26-09-2025	BULLET TOP AREA (EAST SIDE)	OTHER	Flange	0.0	1	100	0.000000	8760	0.000000
1593	26-09-2025	BULLET 205 - V- 016	BULLET INLET XZV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1594	26-09-2025	BULLET 205 - V- 016	BULLET INLET XZV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1595	26-09-2025	VAPOUR BALANCING LINE	XZV VALVE UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1596	26-09-2025	VAPOUR BALANCING LINE	XZV VALVE DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1597	26-09-2025	VAPOUR BALANCING LINE	HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1598	26-09-2025	VAPOUR BALANCING LINE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1599	26-09-2025	BULLET OUTLET LINE	XZV VALVE - 1- UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1600	26-09-2025	BULLET OUTLET LINE	XZV VALVE - 1- DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1601	26-09-2025	BULLET OUTLET LINE	HOV-1- UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1602	26-09-2025	BULLET OUTLET LINE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1603	26-09-2025	BULLET OUTLET LINE	HOV-2- UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1604	26-09-2025	BULLET OUTLET LINE	HOV-2-down steam	Flange	0.2	1	100	0.000001	8760	0.013027
1605	26-09-2025	BULLET OUTLET LINE	PROPYLENE RUN DOWN LINE UP STREAM	Flange	0.1	1	100	0.000001	8760	0.008002
1606	26-09-2025	BULLET OUTLET LINE	PROPYLENE RUN DOWN LINE DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1607	26-09-2025	BULLET OUTLET LINE	NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1608	26-09-2025	BULLET OUTLET LINE	NRV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1609	26-09-2025	BULLET OUTLET LINE	IBT DISCHAGE HEADER HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1610	26-09-2025	BULLET OUTLET LINE	IBT DISCHARGE HEADER HOV down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1611	26-09-2025	BULLET OUTLET LINE	PM 28 A/B/C MINIMUM FLOW HEADER UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1612	26-09-2025	BULLET OUTLET LINE	PM 28 A/B/C MINIMUM FLOW HEADER down STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1613	26-09-2025	BULLET OUTLET LINE	NRV VALVE UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1614	26-09-2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1615	26-09-2025	BULLET OUTLET LINE	PM29 A/B/C minimum flow HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1616	26-09-2025	BULLET OUTLET LINE	PM29 A/B/C Minimum flow HOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1617	26-09-2025	BULLET OUTLET LINE	PROPYLENE FROM GANTRY LOADING UPSTEAM	Flange	0.4	1	100	0.000002	8760	0.021206
1618	26-09-2025	BULLET OUTLET LINE	PROPYLENE FROM GANTRY LOADING DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1619	26-09-2025	BULLET OUTLET LINE	NRV VALVE UP steam	Flange	0.2	1	100	0.000001	8760	0.013027
1620	26-09-2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.1	1	100	0.000001	8760	0.008002
1621	26-09-2025	BULLET OUTLET LINE	HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1622	26-09-2025	BULLET OUTLET LINE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1623	26-09-2025	PIPELINE FROM BULLET OUTLET HEADER	PM A/B/C SUCTION HEADER HOV -1 UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1624	26-09-2025	PIPELINE FROM BULLET OUTLET HEADER	PM A/B/C SUCTION HEADER HOV -1 DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1625	26-09-2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2- UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1626	26-09-2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1627	26-09-2025	PIPELINE FROM BULLET OUTLET HEADER	IBT PM SUCTION HEADER HOV -1 UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1628	26-09-2025	PIPELINE FROM BULLET OUTLET HEADER	IBT PM SUCTION HEADER HOV -1 DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1629	26-09-2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-UP steam	Flange	0.2	1	100	0.000001	8760	0.013027
1630	26-09-2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-down steam	Flange	0.2	1	100	0.000001	8760	0.013027
1631	26-09-2025	Bullet water Draining line	HOV-1-UP steam	Flange	0.2	1	100	0.000001	8760	0.013027
1632	26-09-2025	Bullet water Draining line	HOV-1-down steam	Flange	0.1	1	100	0.000001	8760	0.008002
1633	26-09-2025	Bullet water Draining line	HOV-2-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1634	26-09-2025	Bullet water Draining line	HOV-2-down steam	Flange	0.1	1	100	0.000001	8760	0.008002
1635	26-09-2025	BULLET TOP AREA (WEST SIDE)	MAN HOLE - 1	Flange	0.1	1	100	0.000001	8760	0.008002
1636	26-09-2025	BULLET TOP AREA (WEST SIDE)	BULLET INLET FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1637	26-09-2025	BULLET TOP AREA (WEST SIDE)	BULLET VAPOUR BALANCING	Flange	0.0	1	100	0.000000	8760	0.000000
1638	26-09-2025	BULLET TOP AREA (WEST SIDE)	LT FLARE FLANG	Flange	0.0	1	100	0.000000	8760	0.000000
1639	26-09-2025	BULLET TOP AREA (WEST SIDE)	PRESSURE TRANSMITTER	Flange	0.0	1	100	0.000000	8760	0.000000
1640	26-09-2025	BULLET TOP AREA (WEST SIDE)	LEVEL TRANSMITTER	Flange	0.0	1	100	0.000000	8760	0.000000
1641	26-09-2025	BULLET TOP AREA (EAST SIDE)	MAN HOLE - 2	Flange	0.0	1	100	0.000000	8760	0.000000
1642	26-09-2025	BULLET TOP AREA (EAST SIDE)	OTHER	Flange	0.0	1	100	0.000000	8760	0.000000

1643	26-09-2025	BULLET 205 - V- 017	BULLET INLET XZV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1644	26-09-2025	BULLET 205 - V- 017	BULLET INLET XZV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1645	26-09-2025	VAPOUR BALANCING LINE	XZV VALVE UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1646	26-09-2025	VAPOUR BALANCING LINE	XZV VALVE DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1647	26-09-2025	VAPOUR BALANCING LINE	HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1648	26-09-2025	VAPOUR BALANCING LINE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1649	26-09-2025	BULLET OUTLET LINE	XZV VALVE - 1- UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1650	26-09-2025	BULLET OUTLET LINE	XZV VALVE - 1- DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1651	26-09-2025	BULLET OUTLET LINE	HOV-1- UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1652	26-09-2025	BULLET OUTLET LINE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1653	26-09-2025	BULLET OUTLET LINE	HOV-2- UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1654	26-09-2025	BULLET OUTLET LINE	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1655	26-09-2025	BULLET OUTLET LINE	PROPYLENE RUN DOWN LINE UP STREAM	Flange	0.0	1	100	0.000000	8760	0.000000
1656	26-09-2025	BULLET OUTLET LINE	PROPYLENE RUN DOWN LINE DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1657	26-09-2025	BULLET OUTLET LINE	NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1658	26-09-2025	BULLET OUTLET LINE	NRV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1659	26-09-2025	BULLET OUTLET LINE	IBT DISCHAGE HEADER HOV UPSTEAM	Flange	8.1	1	100	0.000020	8760	0.175740
1660	26-09-2025	BULLET OUTLET LINE	IBT DISCHARGE HEADER HOV down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1661	26-09-2025	BULLET OUTLET LINE	PM 28 A/B/C MINIMUM FLOW HEADER UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1662	26-09-2025	BULLET OUTLET LINE	PM 28 A/B/C MINIMUM FLOW HEADER down STEAM	Flange	0.6	1	100	0.000003	8760	0.028200
1663	26-09-2025	BULLET OUTLET LINE	NRV VALVE UP steam	Flange	0.2	1	100	0.000001	8760	0.013027
1664	26-09-2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.3	1	100	0.000002	8760	0.017323
1665	26-09-2025	BULLET OUTLET LINE	PM29 A/B/C minimum flow HOV UPSTEAM	Flange	0.4	1	100	0.000002	8760	0.021206
1666	26-09-2025	BULLET OUTLET LINE	PM29 A/B/C Minimum flow HOV DOWNSTEAM	Flange	0.4	1	100	0.000002	8760	0.021206
1667	26-09-2025	BULLET OUTLET LINE	PROPYLENE FROM GANTRY LOADING UPSTEAM	Flange	0.3	1	100	0.000002	8760	0.017323
1668	26-09-2025	BULLET OUTLET LINE	PROPYLENE FROM GANTRY LOADING DOWNSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
1669	26-09-2025	BULLET OUTLET LINE	NRV VALVE UP steam	Flange	0.1	1	100	0.000001	8760	0.008002
1670	26-09-2025	BULLET OUTLET LINE	NRV VALVE down steam	Flange	0.1	1	100	0.000001	8760	0.008002
1671	26-09-2025	BULLET OUTLET LINE	HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1672	26-09-2025	BULLET OUTLET LINE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1673	26-09-2025	PIPELINE FROM BULLET OUTLET HEADER	PM A/B/C SUCTION HEADER HOV -1 UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1674	26-09-2025	PIPELINE FROM BULLET OUTLET HEADER	PM A/B/C SUCTION HEADER HOV -1 DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1675	26-09-2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2- UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1676	26-09-2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1677	26-09-2025	PIPELINE FROM BULLET OUTLET HEADER	IBT PM SUCTION HEADER HOV -1 UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1678	26-09-2025	PIPELINE FROM BULLET OUTLET HEADER	IBT PM SUCTION HEADER HOV -1 DOWN STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
1679	26-09-2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1680	26-09-2025	PIPELINE FROM BULLET OUTLET HEADER	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1681	26-09-2025	Bullet water Draining line	HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1682	26-09-2025	Bullet water Draining line	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1683	26-09-2025	Bullet water Draining line	HOV-2-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1684	26-09-2025	Bullet water Draining line	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1685	26-09-2025	BULLET TOP AREA (WEST SIDE)	MAN HOLE - 1	Flange	0.0	1	100	0.000000	8760	0.000000
1686	26-09-2025	BULLET TOP AREA (WEST SIDE)	BULLET INLET FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1687	26-09-2025	BULLET TOP AREA (WEST SIDE)	BULLET VAPOUR BALANCING	Flange	0.0	1	100	0.000000	8760	0.000000
1688	26-09-2025	BULLET TOP AREA (WEST SIDE)	LT FLARE FLANG	Flange	0.0	1	100	0.000000	8760	0.000000
1689	26-09-2025	BULLET TOP AREA (WEST SIDE)	PRESSURE TRANSMITTER	Flange	0.0	1	100	0.000000	8760	0.000000
1690	26-09-2025	BULLET TOP AREA (WEST SIDE)	LEVEL TRANSMITTER	Flange	0.0	1	100	0.000000	8760	0.000000
1691	26-09-2025	BULLET TOP AREA (EAST SIDE)	MAN HOLE - 2	Flange	0.0	1	100	0.000000	8760	0.000000
1692	26-09-2025	BULLET TOP AREA (EAST SIDE)	OTHER	Flange	0.0	1	100	0.000000	8760	0.000000
1693	27-09-2025	LPG GANTRY BAY - 1	XZV LPG line up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1694	27-09-2025	LPG GANTRY BAY - 1	XZV LPG line down steam	Flange	0.2	1	100	0.000001	8760	0.013027
1695	27-09-2025	LPG GANTRY BAY - 1	HOV 1 up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1696	27-09-2025	LPG GANTRY BAY - 1	HOV 1 down steam	Flange	0.9	1	100	0.000004	8760	0.037501
1697	27-09-2025	LPG GANTRY BAY - 1	HOV 2 up steam	Flange	0.4	1	100	0.000002	8760	0.021206
1698	27-09-2025	LPG GANTRY BAY - 1	HOV 2 down steam	Flange	0.1	1	100	0.000001	8760	0.008002
1699	27-09-2025	LPG GANTRY BAY - 1	LPG liquid loding arm	Flange	0.0	1	100	0.000000	8760	0.000000
1700	27-09-2025	LPG VAPOR LINE	MOV- 1- 6001 up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1701	27-09-2025	LPG VAPOR LINE	MOV- 1- 6002 down steam	Flange	0.2	1	100	0.000001	8760	0.013027
1702	27-09-2025	LPG VAPOR LINE	HOV-1-up steam	Flange	0.4	1	100	0.000002	8760	0.021206
1703	27-09-2025	LPG VAPOR LINE	HOV-1- down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1704	27-09-2025	LPG VAPOR LINE	Vapor loading arm flange	Flange	0.5	1	100	0.000003	8760	0.024807
1705	27-09-2025	LPG LIQUID RETURN LINE	HOV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1706	27-09-2025	LPG LIQUID RETURN LINE	HOV-1-down steam	Flange	1.2	1	100	0.000005	8760	0.045906
1707	27-09-2025	LPG LIQUID RETURN LINE	HOV-2-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1708	27-09-2025	LPG LIQUID RETURN LINE	HOV-2-down steam	Flange	0.1	1	100	0.000001	8760	0.008002
1709	27-09-2025	LPG VENTING TO LT FLANGE	HOV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1710	27-09-2025	LPG VENTING TO LT FLANGE	HOV-1-down steam	Flange	0.5	1	100	0.000003	8760	0.024807
1711	27-09-2025	LPG VENTING TO LT FLANGE	HOV-2-up steam	Flange	0.3	1	100	0.000002	8760	0.017323
1712	27-09-2025	LPG VENTING TO LT FLANGE	HOV-2- down steam	Flange	0.2	1	100	0.000001	8760	0.013027
1713	27-09-2025	LPG VENTING TO LT FLANGE	HOV-3-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1714	27-09-2025	LPG VENTING TO LT FLANGE	HOV-3-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1715	27-09-2025	LPG VENTING TO LT FLANGE	HOV-4-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1716	27-09-2025	LPG VENTING TO LT FLANGE	HOV-4- down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1717	27-09-2025	LPG GANTRY BAY - 2	XZV LPG liquid line 6002	Flange	0.0	1	100	0.000000	8760	0.000000
1718	27-09-2025	LPG GANTRY BAY - 2	XZV LPG liquid line 6002	Flange	0.2	1	100	0.000001	8760	0.013027
1719	27-09-2025	LPG GANTRY BAY - 2	HOV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1720	27-09-2025	LPG GANTRY BAY - 2	HOV-1-down steam	Flange	0.2	1	100	0.000001	8760	0.013027
1721	27-09-2025	LPG GANTRY BAY - 2	HOV-2-up steam	Flange	0.1	1	100	0.000001	8760	0.008002
1722	27-09-2025	LPG GANTRY BAY - 2	HOV-2-down steam	Flange	0.4	1	100	0.000002	8760	0.021206
1723	27-09-2025	LPG GANTRY BAY - 2	LPG liquid loding arm	Flange	0.0	1	100	0.000000	8760	0.000000
1724	27-09-2025	LPG VAPOR LINE	MOV-1-up steam 6001	Flange	0.5	1	100	0.000003	8760	0.024807
1725	27-09-2025	LPG VAPOR LINE	MOV-1-down steam 6001	Flange	0.7	1	100	0.000004	8760	0.031427
1726	27-09-2025	LPG VAPOR LINE	HOV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1727	27-09-2025	LPG VAPOR LINE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1728	27-09-2025	LPG VAPOR LINE	vapour loading arm	Flange	0.0	1	100	0.000000	8760	0.000000

1729	27-09-2025	LPG LIQUID RETURN LINE	HOV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1730	27-09-2025	LPG LIQUID RETURN LINE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1731	27-09-2025	LPG LIQUID RETURN LINE	HOV-2-up steam	Flange	0.2	1	100	0.000001	8760	0.013027
1732	27-09-2025	LPG LIQUID RETURN LINE	HOV-2-down steam	Flange	0.2	1	100	0.000001	8760	0.013027
1733	27-09-2025	LPG VENTING TO LT FLANGE	HOV-1-up steam	Flange	0.1	1	100	0.000001	8760	0.008002
1734	27-09-2025	LPG VENTING TO LT FLANGE	HOV-1-down steam	Flange	0.4	1	100	0.000002	8760	0.021206
1735	27-09-2025	LPG VENTING TO LT FLANGE	HOV-2- up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1736	27-09-2025	LPG VENTING TO LT FLANGE	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1737	27-09-2025	LPG VENTING TO LT FLANGE	HOV-3-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1738	27-09-2025	LPG VENTING TO LT FLANGE	HOV-3-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1739	27-09-2025	LPG VENTING TO LT FLANGE	HOV-4-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1740	27-09-2025	LPG VENTING TO LT FLANGE	HOV-4-down steam	Flange	0.1	1	100	0.000001	8760	0.008002
1741	27-09-2025	LPG GANTRY BAY - 3	XZV LPG liquid line 6003	Flange	0.0	1	100	0.000000	8760	0.000000
1742	27-09-2025	LPG GANTRY BAY - 3	XZV LPG liquid line 6003	Flange	0.2	1	100	0.000001	8760	0.013027
1743	27-09-2025	LPG GANTRY BAY - 3	HOV-1-up steam	Flange	0.1	1	100	0.000001	8760	0.008002
1744	27-09-2025	LPG GANTRY BAY - 3	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1745	27-09-2025	LPG GANTRY BAY - 3	HOV-2-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1746	27-09-2025	LPG GANTRY BAY - 3	LPG liquid loding arm	Flange	0.4	1	100	0.000002	8760	0.021206
1747	27-09-2025	LPG VAPOUR LINE	MOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
1748	27-09-2025	LPG VAPOUR LINE	MOV 1 DOWNSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
1749	27-09-2025	LPG VAPOUR LINE	HOV-1-UP STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
1750	27-09-2025	LPG VAPOUR LINE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1751	27-09-2025	LPG VAPOUR LINE	vapour loading arm	Flange	0.2	1	100	0.000001	8760	0.013027
1752	27-09-2025	LPG LIQUID RETURN LINE	HOV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1753	27-09-2025	LPG LIQUID RETURN LINE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1754	27-09-2025	LPG LIQUID RETURN LINE	HOV-2-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1755	27-09-2025	LPG LIQUID RETURN LINE	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1756	27-09-2025	LPG VENTING TO LT FLANGE	HOV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1757	27-09-2025	LPG VENTING TO LT FLANGE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1758	27-09-2025	LPG VENTING TO LT FLANGE	HOV-2-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1759	27-09-2025	LPG VENTING TO LT FLANGE	HOV-2-down steam	Flange	0.1	1	100	0.000001	8760	0.008002
1760	27-09-2025	LPG VENTING TO LT FLANGE	HOV-3-up steam	Flange	0.2	1	100	0.000001	8760	0.013027
1761	27-09-2025	LPG VENTING TO LT FLANGE	HOV-3-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1762	27-09-2025	LPG VENTING TO LT FLANGE	HOV-4-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1763	27-09-2025	LPG VENTING TO LT FLANGE	HOV-4-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1764	27-09-2025	LPG GANTRY BAY - 4	XZV -6004 LPG liquid line	Flange	0.0	1	100	0.000000	8760	0.000000
1765	27-09-2025	LPG GANTRY BAY - 4	XZV -6004 LPG liquid line	Flange	0.2	1	100	0.000001	8760	0.013027
1766	27-09-2025	LPG GANTRY BAY - 4	HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1767	27-09-2025	LPG GANTRY BAY - 4	HOV-1-down steam	Flange	0.2	1	100	0.000001	8760	0.013027
1768	27-09-2025	LPG GANTRY BAY - 4	HOV-2-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1769	27-09-2025	LPG GANTRY BAY - 4	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1770	27-09-2025	LPG GANTRY BAY - 4	LPG liquid loding arm	Flange	0.1	1	100	0.000001	8760	0.008002
1771	27-09-2025	LPG VAPOUR LINES	MOV - 1 up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1772	27-09-2025	LPG VAPOUR LINES	MOV - 1 down steam	Flange	0.2	1	100	0.000001	8760	0.013027
1773	27-09-2025	LPG VAPOUR LINES	HOV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1774	27-09-2025	LPG VAPOUR LINES	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1775	27-09-2025	LPG VAPOUR LINES	vapour loading arm	Flange	0.0	1	100	0.000000	8760	0.000000
1776	27-09-2025	LPG LIQUID RETURN LINE	HOV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1777	27-09-2025	LPG LIQUID RETURN LINE	HOV-1-down steam	Flange	0.2	1	100	0.000001	8760	0.013027
1778	27-09-2025	LPG LIQUID RETURN LINE	HOV 2-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1779	27-09-2025	LPG LIQUID RETURN LINE	HOV-2-down steam	Flange	0.1	1	100	0.000001	8760	0.008002
1780	27-09-2025	LPG VENTING TO LT FLANGE	HOV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1781	27-09-2025	LPG VENTING TO LT FLANGE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1782	27-09-2025	LPG VENTING TO LT FLANGE	HOV-2-up steam	Flange	0.2	1	100	0.000001	8760	0.013027
1783	27-09-2025	LPG VENTING TO LT FLANGE	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1784	27-09-2025	LPG VENTING TO LT FLANGE	HOV-3-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1785	27-09-2025	LPG VENTING TO LT FLANGE	HOV-3-down steam	Flange	0.1	1	100	0.000001	8760	0.008002
1786	27-09-2025	LPG VENTING TO LT FLANGE	HOV-4-up steam	Flange	0.2	1	100	0.000001	8760	0.013027
1787	27-09-2025	LPG VENTING TO LT FLANGE	HOV-4-down steam	Flange	0.3	1	100	0.000002	8760	0.017323
1788	27-09-2025	LPG GANTRY BAY - 5	XZV 6006 LPG LIQUID LINE	Flange	0.0	1	100	0.000000	8760	0.000000
1789	27-09-2025	LPG GANTRY BAY - 5	XZV 6006 LPG LIQUID LINE	Flange	0.4	1	100	0.000002	8760	0.021206
1790	27-09-2025	LPG GANTRY BAY - 5	HOV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1791	27-09-2025	LPG GANTRY BAY - 5	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1792	27-09-2025	LPG GANTRY BAY - 5	HOV-2-up steam	Flange	0.2	1	100	0.000001	8760	0.013027
1793	27-09-2025	LPG GANTRY BAY - 5	HOV-2-down steam	Flange	0.1	1	100	0.000001	8760	0.008002
1794	27-09-2025	LPG GANTRY BAY - 5	LPG liquid loding arm	Flange	0.0	1	100	0.000000	8760	0.000000
1795	27-09-2025	LPG VAPOUR LINE	MOV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1796	27-09-2025	LPG VAPOUR LINE	MOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1797	27-09-2025	LPG VAPOUR LINE	HOV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1798	27-09-2025	LPG VAPOUR LINE	HOV-1-down steam	Flange	0.2	1	100	0.000001	8760	0.013027
1799	27-09-2025	LPG VAPOUR LINE	vapour loading arm	Flange	0.0	1	100	0.000000	8760	0.000000
1800	27-09-2025	LPG LIQUID RETURN LINE	HOV-1-up steam	Flange	0.1	1	100	0.000001	8760	0.008002
1801	27-09-2025	LPG LIQUID RETURN LINE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1802	27-09-2025	LPG LIQUID RETURN LINE	HOV-2-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1803	27-09-2025	LPG LIQUID RETURN LINE	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1804	27-09-2025	LPG VENTING TO LT FLANGE	HOV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1805	27-09-2025	LPG VENTING TO LT FLANGE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1806	27-09-2025	LPG VENTING TO LT FLANGE	HOV-2-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1807	27-09-2025	LPG VENTING TO LT FLANGE	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1808	27-09-2025	LPG VENTING TO LT FLANGE	HOV-3-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1809	27-09-2025	LPG VENTING TO LT FLANGE	HOV-3-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1810	27-09-2025	LPG VENTING TO LT FLANGE	HOV-4-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1811	27-09-2025	LPG VENTING TO LT FLANGE	HOV-4-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1812	27-09-2025	LPG GANTRY BAY - 6	XZV 6007 LPG liquid line	Flange	0.0	1	100	0.000000	8760	0.000000
1813	27-09-2025	LPG GANTRY BAY - 6	XZV 6007 LPG liquid line	Flange	0.0	1	100	0.000000	8760	0.000000
1814	27-09-2025	LPG GANTRY BAY - 6	HOV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1815	27-09-2025	LPG GANTRY BAY - 6	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000

1816	27-09-2025	LPG GANTRY BAY - 6	HOV-2-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1817	27-09-2025	LPG GANTRY BAY - 6	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1818	27-09-2025	LPG GANTRY BAY - 6	LPG liquid loding arm	Flange	0.0	1	100	0.000000	8760	0.000000
1819	27-09-2025	LPG VAPOUR LINE	MOV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1820	27-09-2025	LPG VAPOUR LINE	MOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1821	27-09-2025	LPG VAPOUR LINE	HOV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1822	27-09-2025	LPG VAPOUR LINE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1823	27-09-2025	LPG VAPOUR LINE	vapour loading arm	Flange	0.2	1	100	0.000001	8760	0.013027
1824	27-09-2025	LPG LIQUID RETURN LINE	HOV-1-up steam	Flange	0.1	1	100	0.000001	8760	0.008002
1825	27-09-2025	LPG LIQUID RETURN LINE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1826	27-09-2025	LPG LIQUID RETURN LINE	HOV-2-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1827	27-09-2025	LPG LIQUID RETURN LINE	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1828	27-09-2025	LPG VENTING TO LT FLANGE	HOV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1829	27-09-2025	LPG VENTING TO LT FLANGE	HOV-1-down steam	Flange	0.1	1	100	0.000001	8760	0.008002
1830	27-09-2025	LPG VENTING TO LT FLANGE	HOV-2-up steam	Flange	0.2	1	100	0.000001	8760	0.013027
1831	27-09-2025	LPG VENTING TO LT FLANGE	HOV-2-down steam	Flange	0.1	1	100	0.000001	8760	0.008002
1832	27-09-2025	LPG VENTING TO LT FLANGE	HOV-3-up steam	Flange	0.1	1	100	0.000001	8760	0.008002
1833	27-09-2025	LPG VENTING TO LT FLANGE	HOV-3-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1834	27-09-2025	LPG VENTING TO LT FLANGE	HOV-4-up steam	Flange	0.2	1	100	0.000001	8760	0.013027
1835	27-09-2025	LPG VENTING TO LT FLANGE	HOV-4-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1836	27-09-2025	LPG GANTRY BAY - 7	XZV 6051 LPG LIQUID LINE	Flange	0.0	1	100	0.000000	8760	0.000000
1837	27-09-2025	LPG GANTRY BAY - 7	XZV 6051 LPG LIQUID LINE	Flange	0.0	1	100	0.000000	8760	0.000000
1838	27-09-2025	LPG GANTRY BAY - 7	HOV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1839	27-09-2025	LPG GANTRY BAY - 7	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1840	27-09-2025	LPG GANTRY BAY - 7	HOV-2-up steam	Flange	0.2	1	100	0.000001	8760	0.013027
1841	27-09-2025	LPG GANTRY BAY - 7	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1842	27-09-2025	LPG GANTRY BAY - 7	LPG liquid loding arm	Flange	0.0	1	100	0.000000	8760	0.000000
1843	27-09-2025	LPG VAPOUR LINE	MOV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1844	27-09-2025	LPG VAPOUR LINE	MOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1845	27-09-2025	LPG VAPOUR LINE	HOV-1-up steam	Flange	0.2	1	100	0.000001	8760	0.013027
1846	27-09-2025	LPG VAPOUR LINE	HOV-1-down steam	Flange	0.1	1	100	0.000001	8760	0.008002
1847	27-09-2025	LPG VAPOUR LINE	vapour loading arm	Flange	0.0	1	100	0.000000	8760	0.000000
1848	27-09-2025	LPG LIQUID RETURN LINE	HOV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1849	27-09-2025	LPG LIQUID RETURN LINE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1850	27-09-2025	LPG LIQUID RETURN LINE	HOV-2-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1851	27-09-2025	LPG LIQUID RETURN LINE	HOV-2-down steam	Flange	0.1	1	100	0.000001	8760	0.008002
1852	27-09-2025	LPG VENTING TO LT FLANGE	HOV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1853	27-09-2025	LPG VENTING TO LT FLANGE	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1854	27-09-2025	LPG VENTING TO LT FLANGE	HOV-2-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1855	27-09-2025	LPG VENTING TO LT FLANGE	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1856	27-09-2025	LPG VENTING TO LT FLANGE	HOV-3-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1857	27-09-2025	LPG VENTING TO LT FLANGE	HOV-3-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1858	27-09-2025	LPG VENTING TO LT FLANGE	HOV-4-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1859	27-09-2025	LPG VENTING TO LT FLANGE	HOV-4-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1860	27-09-2025	LPG BAY NO 1 NORTH SIDE PIPE LINE VAPOUR FROM TANKER LOADING TO BULLET	HOV-A1	Flange	0.0	1	100	0.000000	8760	0.000000
1861	27-09-2025	LPG BAY NO 1 NORTH SIDE PIPE LINE VAPOUR FROM TANKER LOADING TO BULLET	HOV-A2	Flange	0.2	1	100	0.000001	8760	0.013027
1862	27-09-2025	LPG BAY NO 1 NORTH SIDE PIPE LINE VAPOUR FROM TANKER LOADING TO BULLET	HOV-B1	Flange	0.1	1	100	0.000001	8760	0.008002
1863	27-09-2025	LPG BAY NO 1 NORTH SIDE PIPE LINE VAPOUR FROM TANKER LOADING TO BULLET	HOV-B2	Flange	0.1	1	100	0.000001	8760	0.008002
1864	27-09-2025	LPG BAY NO 1 NORTH SIDE PIPE LINE VAPOUR FROM TANKER LOADING TO BULLET	HOV-C1	Flange	0.1	1	100	0.000001	8760	0.008002
1865	27-09-2025	LPG BAY NO 1 NORTH SIDE PIPE LINE VAPOUR FROM TANKER LOADING TO BULLET	HOV-C2	Flange	0.1	1	100	0.000001	8760	0.008002
1866	27-09-2025	LPG BAY NO 1 NORTH SIDE PIPE LINE VAPOUR FROM TANKER LOADING TO BULLET	HOV-D1	Flange	0.3	1	100	0.000002	8760	0.017323
1867	27-09-2025	LPG BAY NO 1 NORTH SIDE PIPE LINE VAPOUR FROM TANKER LOADING TO BULLET	HOV-D2	Flange	0.1	1	100	0.000001	8760	0.008002
1868	27-09-2025	LPG BAY NO 1 NORTH SIDE PIPE LINE VAPOUR FROM TANKER LOADING TO BULLET	HOV-E1	Flange	0.1	1	100	0.000001	8760	0.008002
1869	27-09-2025	LPG BAY NO 1 NORTH SIDE PIPE LINE VAPOUR FROM TANKER LOADING TO BULLET	HOV-E2	Flange	0.0	1	100	0.000000	8760	0.000000
1870	27-09-2025	LPG BAY NO 1 NORTH SIDE PIPE LINE VAPOUR FROM TANKER LOADING TO BULLET	XZV6005	Flange	0.0	1	100	0.000000	8760	0.000000
1871	27-09-2025	LPG BAY NO 1 NORTH SIDE PIPE LINE VAPOUR FROM TANKER LOADING TO BULLET	XZV6005	Flange	0.0	1	100	0.000000	8760	0.000000
1872	27-09-2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	MOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
1873	27-09-2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1874	27-09-2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1875	27-09-2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1876	27-09-2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1877	27-09-2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	PVC HOV TRV B013	Flange	0.0	1	100	0.000000	8760	0.000000
1878	27-09-2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	PVC HOV TRV B013	Flange	0.0	1	100	0.000000	8760	0.000000
1879	27-09-2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	PVC HOV TRV B013	Flange	0.0	1	100	0.000000	8760	0.000000
1880	27-09-2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	PVC HOV TRV B013	Flange	0.0	1	100	0.000000	8760	0.000000

1881	27-09-2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	FLOW METER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1882	27-09-2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	FLOW METER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1883	27-09-2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	MOV-1-FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1884	27-09-2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	MOV-1-FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1885	27-09-2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	DLV VALVE FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1886	27-09-2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	DLV VALVE FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1887	27-09-2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1888	27-09-2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1889	27-09-2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	HOV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1890	27-09-2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1891	27-09-2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	HOV-2-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1892	27-09-2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1893	27-09-2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	MT - 3809 FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1894	27-09-2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	MT - 3809 FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1895	27-09-2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	HOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1896	27-09-2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	Pressure gauge HOV 1	Flange	0.0	1	100	0.000000	8760	0.000000
1897	27-09-2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	Pressure gauge HOV 1	Flange	0.0	1	100	0.000000	8760	0.000000
1898	27-09-2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	Pressure gauge HOV 2	Flange	0.0	1	100	0.000000	8760	0.000000
1899	27-09-2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	Pressure gauge HOV 2	Flange	0.0	1	100	0.000000	8760	0.000000
1900	27-09-2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	other flange 11 numbers	Flange	0.0	1	100	0.000000	8760	0.000000
1901	27-09-2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	other flange 11 numbers	Flange	0.0	1	100	0.000000	8760	0.000000
1902	27-09-2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	other flange 11 numbers	Flange	0.0	1	100	0.000000	8760	0.000000
1903	27-09-2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	other flange 11 numbers	Flange	0.0	1	100	0.000000	8760	0.000000
1904	27-09-2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	other flange 11 numbers	Flange	0.0	1	100	0.000000	8760	0.000000
1905	27-09-2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	other flange 11 numbers	Flange	0.0	1	100	0.000000	8760	0.000000
1906	27-09-2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	other flange 11 numbers	Flange	0.0	1	100	0.000000	8760	0.000000
1907	27-09-2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	other flange 11 numbers	Flange	0.0	1	100	0.000000	8760	0.000000
1908	27-09-2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	other flange 11 numbers	Flange	0.0	1	100	0.000000	8760	0.000000
1909	27-09-2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	other flange 11 numbers	Flange	0.0	1	100	0.000000	8760	0.000000
1910	27-09-2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	other flange 11 numbers	Flange	0.0	1	100	0.000000	8760	0.000000
1911	27-09-2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	Stand by 4 to bay 1/2/3/4/5/6/7 HOV	Flange	0.0	1	100	0.000000	8760	0.000000
1912	27-09-2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	Stand by 4 to bay 1/2/3/4/5/6/7 HOV	Flange	0.1	1	100	0.000001	8760	0.008002
1913	27-09-2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	Stand by 4 to bay 1/2/3/4/5/6/7 HOV	Flange	0.0	1	100	0.000000	8760	0.000000
1914	27-09-2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	Stand by 4 to bay 1/2/3/4/5/6/7 HOV	Flange	0.0	1	100	0.000000	8760	0.000000
1915	27-09-2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	Stand by 4 to bay 1/2/3/4/5/6/7 HOV	Flange	0.0	1	100	0.000000	8760	0.000000
1916	27-09-2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	Stand by 4 to bay 1/2/3/4/5/6/7 HOV	Flange	0.0	1	100	0.000000	8760	0.000000
1917	27-09-2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	Stand by 4 to bay 1/2/3/4/5/6/7 HOV	Flange	0.0	1	100	0.000000	8760	0.000000
1918	27-09-2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	Stand by 4 to bay 1/2/3/4/5/6/7 HOV	Flange	0.0	1	100	0.000000	8760	0.000000
1919	27-09-2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	Stand by 4 to bay 1/2/3/4/5/6/7 HOV	Flange	0.0	1	100	0.000000	8760	0.000000
1920	27-09-2025	LPG GANTRY CTMS LPG EX A/B/C/D/E/F BRANCH LINE 1	Stand by 4 to bay 1/2/3/4/5/6/7 HOV	Flange	0.0	1	100	0.000000	8760	0.000000
1921	27-09-2025	LPG GANTRY CTMS BRANCH LINE -2	MOV-1	Flange	0.0	1	100	0.000000	8760	0.000000
1922	27-09-2025	LPG GANTRY CTMS BRANCH LINE -2	MOV-1	Flange	0.0	1	100	0.000000	8760	0.000000
1923	27-09-2025	LPG GANTRY CTMS BRANCH LINE -2	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1924	27-09-2025	LPG GANTRY CTMS BRANCH LINE -2	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1925	27-09-2025	LPG GANTRY CTMS BRANCH LINE -2	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1926	27-09-2025	LPG GANTRY CTMS BRANCH LINE -2	PSV HOV (TRV - B012)	Flange	0.0	1	100	0.000000	8760	0.000000
1927	27-09-2025	LPG GANTRY CTMS BRANCH LINE -2	PSV HOV (TRV - B012)	Flange	0.0	1	100	0.000000	8760	0.000000

1928	27-09-2025	LPG GANTRY CTMS BRANCH LINE -2	PSV HOV (TRV - B012)	Flange	0.0	1	100	0.000000	8760	0.000000
1929	27-09-2025	LPG GANTRY CTMS BRANCH LINE -2	PSV HOV (TRV - B012)	Flange	0.0	1	100	0.000000	8760	0.000000
1930	27-09-2025	LPG GANTRY CTMS BRANCH LINE -2	FLOW METER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1931	27-09-2025	LPG GANTRY CTMS BRANCH LINE -2	FLOW METER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1932	27-09-2025	LPG GANTRY CTMS BRANCH LINE -2	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1933	27-09-2025	LPG GANTRY CTMS BRANCH LINE -2	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1934	27-09-2025	LPG GANTRY CTMS BRANCH LINE -2	DLV VALVE FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1935	27-09-2025	LPG GANTRY CTMS BRANCH LINE -2	DLV VALVE FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1936	27-09-2025	LPG GANTRY CTMS BRANCH LINE -2	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1937	27-09-2025	LPG GANTRY CTMS BRANCH LINE -2	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1938	27-09-2025	LPG GANTRY CTMS BRANCH LINE -2	STAND BY 1 TO BAY 1 HOVs	Flange	0.0	1	100	0.000000	8760	0.000000
1939	27-09-2025	LPG GANTRY CTMS BRANCH LINE -2	STAND BY 1 TO BAY 1 HOVs	Flange	0.0	1	100	0.000000	8760	0.000000
1940	27-09-2025	LPG GANTRY CTMS BRANCH LINE -2	STAND BY 1 TO BAY 1 HOVs	Flange	0.0	1	100	0.000000	8760	0.000000
1941	27-09-2025	LPG GANTRY CTMS BRANCH LINE -2	STAND BY 1 TO BAY 1 HOVs	Flange	0.0	1	100	0.000000	8760	0.000000
1942	27-09-2025	LPG GANTRY CTMS BRANCH LINE -2	STAND BY 1 TO BAY 1 HOVs	Flange	0.0	1	100	0.000000	8760	0.000000
1943	27-09-2025	LPG GANTRY CTMS BRANCH LINE -2	STAND BY 1 TO BAY 1 HOVs	Flange	0.0	1	100	0.000000	8760	0.000000
1944	27-09-2025	LPG GANTRY CTMS BRANCH LINE -2	STAND BY 2 TO BAY 2 HOVs	Flange	0.0	1	100	0.000000	8760	0.000000
1945	27-09-2025	LPG GANTRY CTMS BRANCH LINE -2	STAND BY 2 TO BAY 2 HOVs	Flange	0.0	1	100	0.000000	8760	0.000000
1946	27-09-2025	LPG GANTRY CTMS BRANCH LINE -3	MOV-1	Flange	0.0	1	100	0.000000	8760	0.000000
1947	27-09-2025	LPG GANTRY CTMS BRANCH LINE -3	MOV-1	Flange	0.0	1	100	0.000000	8760	0.000000
1948	27-09-2025	LPG GANTRY CTMS BRANCH LINE -3	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1949	27-09-2025	LPG GANTRY CTMS BRANCH LINE -3	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1950	27-09-2025	LPG GANTRY CTMS BRANCH LINE -3	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1951	27-09-2025	LPG GANTRY CTMS BRANCH LINE -3	PSV HOV (205 -TRV - B011)	Flange	0.0	1	100	0.000000	8760	0.000000
1952	27-09-2025	LPG GANTRY CTMS BRANCH LINE -3	PSV HOV (205 -TRV - B011)	Flange	0.0	1	100	0.000000	8760	0.000000
1953	27-09-2025	LPG GANTRY CTMS BRANCH LINE -3	PSV HOV (205 -TRV - B011)	Flange	0.0	1	100	0.000000	8760	0.000000
1954	27-09-2025	LPG GANTRY CTMS BRANCH LINE -3	PSV HOV (205 -TRV - B011)	Flange	0.0	1	100	0.000000	8760	0.000000
1955	27-09-2025	LPG GANTRY CTMS BRANCH LINE -3	FLOW METER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1956	27-09-2025	LPG GANTRY CTMS BRANCH LINE -3	FLOW METER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1957	27-09-2025	LPG GANTRY CTMS BRANCH LINE -3	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1958	27-09-2025	LPG GANTRY CTMS BRANCH LINE -3	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1959	27-09-2025	LPG GANTRY CTMS BRANCH LINE -3	DLV VALVE FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1960	27-09-2025	LPG GANTRY CTMS BRANCH LINE -3	DLV VALVE FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1961	27-09-2025	LPG GANTRY CTMS BRANCH LINE -3	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1962	27-09-2025	LPG GANTRY CTMS BRANCH LINE -3	STAND BY 3 TO BAY 1 HOVs	Flange	0.0	1	100	0.000000	8760	0.000000
1963	27-09-2025	LPG GANTRY CTMS BRANCH LINE -3	STAND BY 3 TO BAY 1 HOVs	Flange	0.0	1	100	0.000000	8760	0.000000
1964	27-09-2025	LPG GANTRY CTMS BRANCH LINE -3	STAND BY 3 TO BAY 1 HOVs	Flange	0.0	1	100	0.000000	8760	0.000000
1965	27-09-2025	LPG GANTRY CTMS BRANCH LINE -3	STAND BY 3 TO BAY 1 HOVs	Flange	0.0	1	100	0.000000	8760	0.000000
1966	27-09-2025	LPG GANTRY CTMS BRANCH LINE -3	STAND BY 3 TO BAY 1 HOVs	Flange	0.0	1	100	0.000000	8760	0.000000
1967	27-09-2025	LPG GANTRY CTMS BRANCH LINE -3	STAND BY 3 TO BAY 1 HOVs	Flange	0.0	1	100	0.000000	8760	0.000000
1968	27-09-2025	LPG GANTRY CTMS BRANCH LINE -3	MASTER METER BAY 2	Flange	0.0	1	100	0.000000	8760	0.000000
1969	27-09-2025	LPG GANTRY CTMS BRANCH LINE -3	MASTER METER BAY 2	Flange	0.0	1	100	0.000000	8760	0.000000
1970	27-09-2025	LPG GANTRY CTMS BRANCH LINE -4	MOV-1	Flange	0.0	1	100	0.000000	8760	0.000000
1971	27-09-2025	LPG GANTRY CTMS BRANCH LINE -4	MOV-1	Flange	0.0	1	100	0.000000	8760	0.000000
1972	27-09-2025	LPG GANTRY CTMS BRANCH LINE -4	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1973	27-09-2025	LPG GANTRY CTMS BRANCH LINE -4	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1974	27-09-2025	LPG GANTRY CTMS BRANCH LINE -4	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1975	27-09-2025	LPG GANTRY CTMS BRANCH LINE -4	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
1976	27-09-2025	LPG GANTRY CTMS BRANCH LINE -4	PSV HOV	Flange	0.1	1	100	0.000001	8760	0.008002
1977	27-09-2025	LPG GANTRY CTMS BRANCH LINE -4	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
1978	27-09-2025	LPG GANTRY CTMS BRANCH LINE -4	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
1979	27-09-2025	LPG GANTRY CTMS BRANCH LINE -4	FLOW METER FLANGE	Flange	0.1	1	100	0.000001	8760	0.008002
1980	27-09-2025	LPG GANTRY CTMS BRANCH LINE -4	FLOW METER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1981	27-09-2025	LPG GANTRY CTMS BRANCH LINE -4	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1982	27-09-2025	LPG GANTRY CTMS BRANCH LINE -4	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1983	27-09-2025	LPG GANTRY CTMS BRANCH LINE -4	DLV VALVE FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1984	27-09-2025	LPG GANTRY CTMS BRANCH LINE -4	DLV VALVE FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1985	27-09-2025	LPG GANTRY CTMS BRANCH LINE -4	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1986	27-09-2025	LPG GANTRY CTMS BRANCH LINE -4	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1987	27-09-2025	LPG GANTRY CTMS BRANCH LINE -4	HOV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1988	27-09-2025	LPG GANTRY CTMS BRANCH LINE -4	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1989	27-09-2025	LPG GANTRY CTMS BRANCH LINE -4	HOV-2-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1990	27-09-2025	LPG GANTRY CTMS BRANCH LINE -4	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1991	27-09-2025	LPG GANTRY CTMS BRANCH LINE -4	HOV-3-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1992	27-09-2025	LPG GANTRY CTMS BRANCH LINE -4	HOV-3-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1993	27-09-2025	LPG GANTRY CTMS BRANCH LINE -4	HOV-4-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
1994	27-09-2025	LPG GANTRY CTMS BRANCH LINE -4	HOV-4-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
1995	27-09-2025	LPG GANTRY CTMS BRANCH LINE -5	MOV-1	Flange	0.0	1	100	0.000000	8760	0.000000
1996	27-09-2025	LPG GANTRY CTMS BRANCH LINE -5	MOV-1	Flange	0.0	1	100	0.000000	8760	0.000000
1997	27-09-2025	LPG GANTRY CTMS BRANCH LINE -5	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1998	27-09-2025	LPG GANTRY CTMS BRANCH LINE -5	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
1999	27-09-2025	LPG GANTRY CTMS BRANCH LINE -5	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2000	27-09-2025	LPG GANTRY CTMS BRANCH LINE -5	PSV HOV (TRV-B009)	Flange	0.0	1	100	0.000000	8760	0.000000
2001	27-09-2025	LPG GANTRY CTMS BRANCH LINE -5	PSV HOV (TRV-B009)	Flange	0.0	1	100	0.000000	8760	0.000000
2002	27-09-2025	LPG GANTRY CTMS BRANCH LINE -5	PSV HOV (TRV-B009)	Flange	0.0	1	100	0.000000	8760	0.000000
2003	27-09-2025	LPG GANTRY CTMS BRANCH LINE -5	PSV HOV (TRV-B009)	Flange	0.0	1	100	0.000000	8760	0.000000
2004	27-09-2025	LPG GANTRY CTMS BRANCH LINE -5	FLOW METER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2005	27-09-2025	LPG GANTRY CTMS BRANCH LINE -5	FLOW METER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2006	27-09-2025	LPG GANTRY CTMS BRANCH LINE -5	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2007	27-09-2025	LPG GANTRY CTMS BRANCH LINE -5	MOV FLANGE	Flange	0.2	1	100	0.000001	8760	0.013027
2008	27-09-2025	LPG GANTRY CTMS BRANCH LINE -5	DLV VALVE FLANGE	Flange	0.1	1	100	0.000001	8760	0.008002
2009	27-09-2025	LPG GANTRY CTMS BRANCH LINE -5	DLV VALVE FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2010	27-09-2025	LPG GANTRY CTMS BRANCH LINE -5	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2011	27-09-2025	LPG GANTRY CTMS BRANCH LINE -5	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2012	27-09-2025	LPG GANTRY CTMS BRANCH LINE -5	HOV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
2013	27-09-2025	LPG GANTRY CTMS BRANCH LINE -5	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
2014	27-09-2025	LPG GANTRY CTMS BRANCH LINE -5	HOV-2-up steam	Flange	0.0	1	100	0.000000	8760	0.000000

2015	27-09-2025	LPG GANTRY CTMS BRANCH LINE -5	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
2016	27-09-2025	LPG GANTRY CTMS BRANCH LINE -5	HOV-3-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
2017	27-09-2025	LPG GANTRY CTMS BRANCH LINE -5	HOV-3-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
2018	27-09-2025	LPG GANTRY CTMS BRANCH LINE -5	HOV-4-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
2019	27-09-2025	LPG GANTRY CTMS BRANCH LINE -5	HOV-4-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
2020	27-09-2025	LPG GANTRY CTMS BRANCH LINE -6	MOV-1	Flange	0.0	1	100	0.000000	8760	0.000000
2021	27-09-2025	LPG GANTRY CTMS BRANCH LINE -6	MOV-1	Flange	0.0	1	100	0.000000	8760	0.000000
2022	27-09-2025	LPG GANTRY CTMS BRANCH LINE -6	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2023	27-09-2025	LPG GANTRY CTMS BRANCH LINE -6	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2024	27-09-2025	LPG GANTRY CTMS BRANCH LINE -6	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2025	27-09-2025	LPG GANTRY CTMS BRANCH LINE -6	PSV HOV (TRV-B00)	Flange	0.0	1	100	0.000000	8760	0.000000
2026	27-09-2025	LPG GANTRY CTMS BRANCH LINE -6	PSV HOV (TRV-B00)	Flange	0.0	1	100	0.000000	8760	0.000000
2027	27-09-2025	LPG GANTRY CTMS BRANCH LINE -6	PSV HOV (TRV-B00)	Flange	0.0	1	100	0.000000	8760	0.000000
2028	27-09-2025	LPG GANTRY CTMS BRANCH LINE -6	PSV HOV (TRV-B00)	Flange	0.0	1	100	0.000000	8760	0.000000
2029	27-09-2025	LPG GANTRY CTMS BRANCH LINE -6	FLOW METER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2030	27-09-2025	LPG GANTRY CTMS BRANCH LINE -6	FLOW METER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2031	27-09-2025	LPG GANTRY CTMS BRANCH LINE -6	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2032	27-09-2025	LPG GANTRY CTMS BRANCH LINE -6	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2033	27-09-2025	LPG GANTRY CTMS BRANCH LINE -6	DLV VALVE FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2034	27-09-2025	LPG GANTRY CTMS BRANCH LINE -6	DLV VALVE FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2035	27-09-2025	LPG GANTRY CTMS BRANCH LINE -6	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2036	27-09-2025	LPG GANTRY CTMS BRANCH LINE -6	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2037	27-09-2025	LPG GANTRY CTMS BRANCH LINE -6	HOV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
2038	27-09-2025	LPG GANTRY CTMS BRANCH LINE -6	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
2039	27-09-2025	LPG GANTRY CTMS BRANCH LINE -6	HOV-2-up steam ONE FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2040	27-09-2025	LPG GANTRY CTMS BRANCH LINE -7	MOV-1	Flange	0.0	1	100	0.000000	8760	0.000000
2041	27-09-2025	LPG GANTRY CTMS BRANCH LINE -7	MOV-1	Flange	0.0	1	100	0.000000	8760	0.000000
2042	27-09-2025	LPG GANTRY CTMS BRANCH LINE -7	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2043	27-09-2025	LPG GANTRY CTMS BRANCH LINE -7	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2044	27-09-2025	LPG GANTRY CTMS BRANCH LINE -7	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2045	27-09-2025	LPG GANTRY CTMS BRANCH LINE -7	PSV HOV (TRV-B007)	Flange	0.0	1	100	0.000000	8760	0.000000
2046	27-09-2025	LPG GANTRY CTMS BRANCH LINE -7	PSV HOV (TRV-B007)	Flange	0.0	1	100	0.000000	8760	0.000000
2047	27-09-2025	LPG GANTRY CTMS BRANCH LINE -7	PSV HOV (TRV-B007)	Flange	0.0	1	100	0.000000	8760	0.000000
2048	27-09-2025	LPG GANTRY CTMS BRANCH LINE -7	PSV HOV (TRV-B007)	Flange	0.0	1	100	0.000000	8760	0.000000
2049	27-09-2025	LPG GANTRY CTMS BRANCH LINE -7	FLOW METER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2050	27-09-2025	LPG GANTRY CTMS BRANCH LINE -7	FLOW METER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2051	27-09-2025	LPG GANTRY CTMS BRANCH LINE -7	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2052	27-09-2025	LPG GANTRY CTMS BRANCH LINE -7	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2053	27-09-2025	LPG GANTRY CTMS BRANCH LINE -7	DLV VALVE FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2054	27-09-2025	LPG GANTRY CTMS BRANCH LINE -7	DLV VALVE FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2055	27-09-2025	LPG GANTRY CTMS BRANCH LINE -7	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2056	27-09-2025	LPG GANTRY CTMS BRANCH LINE -7	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2057	27-09-2025	LPG GANTRY CTMS BRANCH LINE -7	HOV-1-up steam	Flange	0.3	1	100	0.000002	8760	0.017323
2058	27-09-2025	LPG GANTRY CTMS BRANCH LINE -7	HOV-1-down steam	Flange	0.2	1	100	0.000001	8760	0.013027
2059	27-09-2025	LPG GANTRY CTMS BRANCH LINE -7	HOV-2-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
2060	27-09-2025	LPG GANTRY CTMS BRANCH LINE -7	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
2061	27-09-2025	LPG GANTRY CTMS BRANCH LINE -7	HOV-3-up steam	Flange	0.1	1	100	0.000001	8760	0.008002
2062	27-09-2025	LPG GANTRY CTMS BRANCH LINE -7	HOV-3-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
2063	27-09-2025	LPG GANTRY CTMS BRANCH LINE -8	MOV-1	Flange	0.0	1	100	0.000000	8760	0.000000
2064	27-09-2025	LPG GANTRY CTMS BRANCH LINE -8	MOV-1	Flange	0.0	1	100	0.000000	8760	0.000000
2065	27-09-2025	LPG GANTRY CTMS BRANCH LINE -8	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2066	27-09-2025	LPG GANTRY CTMS BRANCH LINE -8	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2067	27-09-2025	LPG GANTRY CTMS BRANCH LINE -8	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2068	27-09-2025	LPG GANTRY CTMS BRANCH LINE -8	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
2069	27-09-2025	LPG GANTRY CTMS BRANCH LINE -8	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
2070	27-09-2025	LPG GANTRY CTMS BRANCH LINE -8	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
2071	27-09-2025	LPG GANTRY CTMS BRANCH LINE -8	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
2072	27-09-2025	LPG GANTRY CTMS BRANCH LINE -8	FLOW METER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2073	27-09-2025	LPG GANTRY CTMS BRANCH LINE -8	FLOW METER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2074	27-09-2025	LPG GANTRY CTMS BRANCH LINE -8	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2075	27-09-2025	LPG GANTRY CTMS BRANCH LINE -8	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2076	27-09-2025	LPG GANTRY CTMS BRANCH LINE -8	DLV VALVE FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2077	27-09-2025	LPG GANTRY CTMS BRANCH LINE -8	DLV VALVE FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2078	27-09-2025	LPG GANTRY CTMS BRANCH LINE -8	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2079	27-09-2025	LPG GANTRY CTMS BRANCH LINE -8	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2080	27-09-2025	LPG GANTRY CTMS BRANCH LINE -9	MOV-1	Flange	0.0	1	100	0.000000	8760	0.000000
2081	27-09-2025	LPG GANTRY CTMS BRANCH LINE -9	MOV-1	Flange	0.0	1	100	0.000000	8760	0.000000
2082	27-09-2025	LPG GANTRY CTMS BRANCH LINE -9	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2083	27-09-2025	LPG GANTRY CTMS BRANCH LINE -9	STRAINER FLANGE	Flange	0.1	1	100	0.000001	8760	0.008002
2084	27-09-2025	LPG GANTRY CTMS BRANCH LINE -9	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2085	27-09-2025	LPG GANTRY CTMS BRANCH LINE -9	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
2086	27-09-2025	LPG GANTRY CTMS BRANCH LINE -9	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
2087	27-09-2025	LPG GANTRY CTMS BRANCH LINE -9	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
2088	27-09-2025	LPG GANTRY CTMS BRANCH LINE -9	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
2089	27-09-2025	LPG GANTRY CTMS BRANCH LINE -9	FLOW METER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2090	27-09-2025	LPG GANTRY CTMS BRANCH LINE -9	FLOW METER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2091	27-09-2025	LPG GANTRY CTMS BRANCH LINE -9	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2092	27-09-2025	LPG GANTRY CTMS BRANCH LINE -9	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2093	27-09-2025	LPG GANTRY CTMS BRANCH LINE -9	DLV VALVE FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2094	27-09-2025	LPG GANTRY CTMS BRANCH LINE -9	DLV VALVE FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2095	27-09-2025	LPG GANTRY CTMS BRANCH LINE -9	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2096	27-09-2025	LPG GANTRY CTMS BRANCH LINE -9	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2097	27-09-2025	LPG GANTRY CTMS BRANCH LINE -9	HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
2098	27-09-2025	LPG GANTRY CTMS BRANCH LINE -9	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
2099	27-09-2025	LPG GANTRY CTMS BRANCH LINE -10	MOV-1	Flange	0.0	1	100	0.000000	8760	0.000000
2100	27-09-2025	LPG GANTRY CTMS BRANCH LINE -10	MOV-1	Flange	0.0	1	100	0.000000	8760	0.000000
2101	27-09-2025	LPG GANTRY CTMS BRANCH LINE -10	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000

2102	27-09-2025	LPG GANTRY CTMS BRANCH LINE -10	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2103	27-09-2025	LPG GANTRY CTMS BRANCH LINE -10	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2104	27-09-2025	LPG GANTRY CTMS BRANCH LINE -10	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
2105	27-09-2025	LPG GANTRY CTMS BRANCH LINE -10	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
2106	27-09-2025	LPG GANTRY CTMS BRANCH LINE -10	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
2107	27-09-2025	LPG GANTRY CTMS BRANCH LINE -10	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
2108	27-09-2025	LPG GANTRY CTMS BRANCH LINE -10	FLOW METER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2109	27-09-2025	LPG GANTRY CTMS BRANCH LINE -10	FLOW METER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2110	27-09-2025	LPG GANTRY CTMS BRANCH LINE -10	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2111	27-09-2025	LPG GANTRY CTMS BRANCH LINE -10	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2112	27-09-2025	LPG GANTRY CTMS BRANCH LINE -10	DLV VALVE FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2113	27-09-2025	LPG GANTRY CTMS BRANCH LINE -10	DLV VALVE FLANGE	Flange	0.1	1	100	0.000001	8760	0.008002
2114	27-09-2025	LPG GANTRY CTMS BRANCH LINE -10	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2115	27-09-2025	LPG GANTRY CTMS BRANCH LINE -10	MOV FLANGE	Flange	0.1	1	100	0.000001	8760	0.008002
2116	27-09-2025	LPG GANTRY CTMS BRANCH LINE -10	HOV-1-UP steam	Flange	0.1	1	100	0.000001	8760	0.008002
2117	27-09-2025	LPG GANTRY CTMS BRANCH LINE -10	HOV-1-down steam	Flange	0.1	1	100	0.000001	8760	0.008002
2118	27-09-2025	LPG GANTRY CTMS BRANCH LINE -10	HOV-2-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
2119	27-09-2025	LPG GANTRY CTMS BRANCH LINE -10	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
2120	27-09-2025	LPG GANTRY CTMS BRANCH LINE -11	MOV-1	Flange	0.0	1	100	0.000000	8760	0.000000
2121	27-09-2025	LPG GANTRY CTMS BRANCH LINE -11	MOV-1	Flange	0.0	1	100	0.000000	8760	0.000000
2122	27-09-2025	LPG GANTRY CTMS BRANCH LINE -11	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2123	27-09-2025	LPG GANTRY CTMS BRANCH LINE -11	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2124	27-09-2025	LPG GANTRY CTMS BRANCH LINE -11	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2125	27-09-2025	LPG GANTRY CTMS BRANCH LINE -11	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
2126	27-09-2025	LPG GANTRY CTMS BRANCH LINE -11	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
2127	27-09-2025	LPG GANTRY CTMS BRANCH LINE -11	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
2128	27-09-2025	LPG GANTRY CTMS BRANCH LINE -11	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
2129	27-09-2025	LPG GANTRY CTMS BRANCH LINE -11	FLOW METER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2130	27-09-2025	LPG GANTRY CTMS BRANCH LINE -11	FLOW METER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2131	27-09-2025	LPG GANTRY CTMS BRANCH LINE -11	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2132	27-09-2025	LPG GANTRY CTMS BRANCH LINE -11	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2133	27-09-2025	LPG GANTRY CTMS BRANCH LINE -11	DLV VALVE FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2134	27-09-2025	LPG GANTRY CTMS BRANCH LINE -11	DLV VALVE FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2135	27-09-2025	LPG GANTRY CTMS BRANCH LINE -11	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2136	27-09-2025	LPG GANTRY CTMS BRANCH LINE -11	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2137	27-09-2025	LPG GANTRY CTMS BRANCH LINE -11	HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
2138	27-09-2025	LPG GANTRY CTMS BRANCH LINE -11	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
2139	27-09-2025	LPG GANTRY CTMS BRANCH LINE -12	MOV-1	Flange	0.0	1	100	0.000000	8760	0.000000
2140	27-09-2025	LPG GANTRY CTMS BRANCH LINE -12	MOV-1	Flange	0.0	1	100	0.000000	8760	0.000000
2141	27-09-2025	LPG GANTRY CTMS BRANCH LINE -12	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2142	27-09-2025	LPG GANTRY CTMS BRANCH LINE -12	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2143	27-09-2025	LPG GANTRY CTMS BRANCH LINE -12	STRAINER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2144	27-09-2025	LPG GANTRY CTMS BRANCH LINE -12	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
2145	27-09-2025	LPG GANTRY CTMS BRANCH LINE -12	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
2146	27-09-2025	LPG GANTRY CTMS BRANCH LINE -12	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
2147	27-09-2025	LPG GANTRY CTMS BRANCH LINE -12	PSV HOV	Flange	0.0	1	100	0.000000	8760	0.000000
2148	27-09-2025	LPG GANTRY CTMS BRANCH LINE -12	FLOW METER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2149	27-09-2025	LPG GANTRY CTMS BRANCH LINE -12	FLOW METER FLANGE	Flange	0.1	1	100	0.000001	8760	0.008002
2150	27-09-2025	LPG GANTRY CTMS BRANCH LINE -12	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2151	27-09-2025	LPG GANTRY CTMS BRANCH LINE -12	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2152	27-09-2025	LPG GANTRY CTMS BRANCH LINE -12	DLV VALVE FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2153	27-09-2025	LPG GANTRY CTMS BRANCH LINE -12	DLV VALVE FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2154	27-09-2025	LPG GANTRY CTMS BRANCH LINE -12	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2155	27-09-2025	LPG GANTRY CTMS BRANCH LINE -12	MOV FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2156	27-09-2025	LPG GANTRY CTMS BRANCH LINE -12	HOV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
2157	27-09-2025	LPG GANTRY CTMS BRANCH LINE -12	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
2158	27-09-2025	MASTER LINE FROM 12TH BRANCH LINE 6 MOVS	MOV-1-up steam B030	Flange	0.0	1	100	0.000000	8760	0.000000
2159	27-09-2025	MASTER LINE FROM 12TH BRANCH LINE 6 MOVS	MOV-1-down steam B030	Flange	0.0	1	100	0.000000	8760	0.000000
2160	27-09-2025	MASTER LINE FROM 12TH BRANCH LINE 6 MOVS	MOV-2-up steam B029	Flange	0.0	1	100	0.000000	8760	0.000000
2161	27-09-2025	MASTER LINE FROM 12TH BRANCH LINE 6 MOVS	MOV-2-down steam B029	Flange	0.0	1	100	0.000000	8760	0.000000
2162	27-09-2025	MASTER LINE FROM 12TH BRANCH LINE 6 MOVS	MOV-3-up steam B002	Flange	0.0	1	100	0.000000	8760	0.000000
2163	27-09-2025	MASTER LINE FROM 12TH BRANCH LINE 6 MOVS	MOV-3-down steam B002	Flange	0.0	1	100	0.000000	8760	0.000000
2164	27-09-2025	MASTER LINE FROM 12TH BRANCH LINE 6 MOVS	MOV-4-up steam B028	Flange	0.0	1	100	0.000000	8760	0.000000
2165	27-09-2025	MASTER LINE FROM 12TH BRANCH LINE 6 MOVS	MOV-4-down steam B028	Flange	0.0	1	100	0.000000	8760	0.000000
2166	27-09-2025	MASTER LINE FROM 12TH BRANCH LINE 6 MOVS	MOV-5-up steam B027	Flange	0.0	1	100	0.000000	8760	0.000000
2167	27-09-2025	MASTER LINE FROM 12TH BRANCH LINE 6 MOVS	MOV-5-down steam B027	Flange	0.0	1	100	0.000000	8760	0.000000
2168	27-09-2025	MASTER LINE FROM 12TH BRANCH LINE 6 MOVS	FV UP STEAM B002	Flange	0.0	1	100	0.000000	8760	0.000000
2169	27-09-2025	MASTER LINE FROM 12TH BRANCH LINE 6 MOVS	FV DOWN STEAM B002	Flange	0.1	1	100	0.000001	8760	0.008002
2170	27-09-2025	MASTER LINE FLANGES	MASTER LINE 1	Flange	0.0	1	100	0.000000	8760	0.000000
2171	27-09-2025	MASTER LINE FLANGES	MASTER LINE 2	Flange	0.0	1	100	0.000000	8760	0.000000
2172	27-09-2025	MASTER LINE FLANGES	MASTER LINE 3	Flange	0.1	1	100	0.000001	8760	0.008002
2173	27-09-2025	MASTER LINE FLANGES	S.NO G03347 UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2174	27-09-2025	MASTER LINE FLANGES	S.NO G03347 DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2175	27-09-2025	MASTER LINE FLANGES	S.NO G03292 UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2176	27-09-2025	MASTER LINE FLANGES	S.NO G03292 DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2177	27-09-2025	MASTER LINE FLANGES	S.NO G03367 UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2178	27-09-2025	MASTER LINE FLANGES	S.NO G03367 DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2179	27-09-2025	MASTER LINE FLANGES	S.NO TGB017 UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2180	27-09-2025	MASTER LINE FLANGES	S.NO TGB017 DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2181	27-09-2025	MASTER LINE FLANGES	TE B014	Flange	0.0	1	100	0.000000	8760	0.000000
2182	27-09-2025	MASTER LINE FLANGES	PI B017 up steam	Flange	0.1	1	100	0.000001	8760	0.008002
2183	27-09-2025	MASTER LINE FLANGES	PI B017down steam	Flange	0.0	1	100	0.000000	8760	0.000000
2184	27-09-2025	MASTER LINE FLANGES	PT B014 up steam	Flange	0.2	1	100	0.000001	8760	0.013027
2185	27-09-2025	MASTER LINE FLANGES	PT B014 down steam	Flange	0.0	1	100	0.000000	8760	0.000000
2186	27-09-2025	MASTER LINE FLANGES	S. NO. G03362 up steam	Flange	0.0	1	100	0.000000	8760	0.000000
2187	27-09-2025	MASTER LINE FLANGES	S. NO. G03362 down steam	Flange	0.2	1	100	0.000001	8760	0.013027
2188	27-09-2025	MASTER LINE FLANGES	S. NO. G04642 up steam	Flange	0.0	1	100	0.000000	8760	0.000000

2189	27-09-2025	MASTER LINE FLANGES	S. NO. G04642 down steam	Flange	0.1	1	100	0.000001	8760	0.008002
2190	27-09-2025	MASTER LINE FLANGES	S. NO. G04642 up steam	Flange	0.1	1	100	0.000001	8760	0.008002
2191	27-09-2025	MASTER LINE FLANGES	S. NO. G04642 down steam	Flange	0.0	1	100	0.000000	8760	0.000000
2192	27-09-2025	MASTER LINE FLANGES	S. NO. G03372 up steam	Flange	0.0	1	100	0.000000	8760	0.000000
2193	27-09-2025	MASTER LINE FLANGES	S. NO. G03372 down steam	Flange	0.0	1	100	0.000000	8760	0.000000
2194	27-09-2025	MASTER LINE FLANGES	G05183 up stream	Flange	0.0	1	100	0.000000	8760	0.000000
2195	27-09-2025	MASTER LINE FLANGES	G05183 down stream	Flange	0.0	1	100	0.000000	8760	0.000000
2196	27-09-2025	MASTER LINE FLANGES	G05183 up stream	Flange	0.1	1	100	0.000001	8760	0.008002
2197	27-09-2025	MASTER LINE FLANGES	G05183 down stream	Flange	0.2	1	100	0.000001	8760	0.013027
2198	27-09-2025	MASTER LINE FLANGES	G05183 up stream	Flange	0.0	1	100	0.000000	8760	0.000000
2199	27-09-2025	MASTER LINE FLANGES	G05183 down stream	Flange	0.0	1	100	0.000000	8760	0.000000
2200	27-09-2025	MASTER LINE FLANGES	G05183 up stream	Flange	0.0	1	100	0.000000	8760	0.000000
2201	27-09-2025	MASTER LINE FLANGES	G05183 down stream	Flange	0.0	1	100	0.000000	8760	0.000000
2202	27-09-2025	MASTER LINE FLANGES	G05183 up stream	Flange	0.1	1	100	0.000001	8760	0.008002
2203	27-09-2025	MASTER LINE-2	master line flange	Flange	0.0	1	100	0.000000	8760	0.000000
2204	27-09-2025	MASTER LINE-2	master line flange	Flange	0.0	1	100	0.000000	8760	0.000000
2205	27-09-2025	MASTER LINE-2	master line flange	Flange	0.0	1	100	0.000000	8760	0.000000
2206	27-09-2025	MASTER LINE-2	G03299 up steam	Flange	0.0	1	100	0.000000	8760	0.000000
2207	27-09-2025	MASTER LINE-2	G03299 down steam	Flange	0.0	1	100	0.000000	8760	0.000000
2208	27-09-2025	MASTER LINE-2	G03299 up steam	Flange	0.0	1	100	0.000000	8760	0.000000
2209	27-09-2025	MASTER LINE-2	G03299 down steam	Flange	0.0	1	100	0.000000	8760	0.000000
2210	27-09-2025	MASTER LINE-2	G06169 up steam	Flange	0.0	1	100	0.000000	8760	0.000000
2211	27-09-2025	MASTER LINE-2	G06169 DOWN steam	Flange	0.0	1	100	0.000000	8760	0.000000
2212	27-09-2025	MASTER LINE-2	G03329 upsteam	Flange	0.0	1	100	0.000000	8760	0.000000
2213	27-09-2025	MASTER LINE-2	G03329 downsteam	Flange	0.0	1	100	0.000000	8760	0.000000
2214	27-09-2025	MASTER LINE-2	G05177 upsteam	Flange	0.0	1	100	0.000000	8760	0.000000
2215	27-09-2025	MASTER LINE-2	G05177 downsteam	Flange	0.0	1	100	0.000000	8760	0.000000
2216	27-09-2025	MASTER LINE-2	G03289 upsteam	Flange	0.0	1	100	0.000000	8760	0.000000
2217	27-09-2025	MASTER LINE-2	G03289 downsteam	Flange	0.0	1	100	0.000000	8760	0.000000
2218	27-09-2025	MASTER LINE-2	C85R2 (885263)	Flange	0.0	1	100	0.000000	8760	0.000000
2219	27-09-2025	MASTER LINE-2	C85R2 (885263)	Flange	0.0	1	100	0.000000	8760	0.000000
2220	27-09-2025	MASTER LINE-2	C85R2 (885263)	Flange	0.0	1	100	0.000000	8760	0.000000
2221	27-09-2025	MASTER LINE-2	C85R2 (885263)	Flange	0.0	1	100	0.000000	8760	0.000000
2222	27-09-2025	MASTER LINE-2	C85R2 (885263)	Flange	0.0	1	100	0.000000	8760	0.000000
2223	27-09-2025	MASTER LINE-2	TG - B048	Flange	0.0	1	100	0.000000	8760	0.000000
2224	27-09-2025	MASTER LINE-2	TG - B048	Flange	0.0	1	100	0.000000	8760	0.000000
2225	27-09-2025	MASTER LINE-2	TE- B047	Flange	0.0	1	100	0.000000	8760	0.000000
2226	27-09-2025	MASTER LINE-2	PI-B028 upsteam	Flange	0.0	1	100	0.000000	8760	0.000000
2227	27-09-2025	MASTER LINE-2	PI-B028 downsteam	Flange	0.0	1	100	0.000000	8760	0.000000
2228	27-09-2025	MASTER LINE-2	PT-B027 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2229	27-09-2025	MASTER LINE-2	PT-B027DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2230	27-09-2025	MASTER LINE-2	G03334 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2231	27-09-2025	MASTER LINE-2	G03334 DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
2232	27-09-2025	MASTER LINE-2	G04653 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2233	27-09-2025	MASTER LINE-2	G04653 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2234	27-09-2025	MASTER LINE-2	G04653 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2235	27-09-2025	MASTER LINE-2	G04653 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2236	27-09-2025	MASTER LINE-2	G04653 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2237	29-09-2025	NAPHTHA TANK NO 7 INSIDE DYKE	RECIRCULATION MOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2238	t	NAPHTHA TANK NO 7 INSIDE DYKE	RECIRCULATION MOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2239	29-09-2025	NAPHTHA TANK NO 7 INSIDE DYKE	INLET XZV 5088 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2240	29-09-2025	NAPHTHA TANK NO 7 INSIDE DYKE	INLET XZV 5088 DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2241	29-09-2025	NAPHTHA TANK NO 7 INSIDE DYKE	MINIMUM FLOW HEADER MOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2242	29-09-2025	NAPHTHA TANK NO 7 INSIDE DYKE	MINIMUM FLOW HEADER MOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2243	29-09-2025	NAPHTHA TANK NO 7 INSIDE DYKE	SUMP DRAIN - 1 HOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2244	29-09-2025	NAPHTHA TANK NO 7 INSIDE DYKE	SUMP DRAIN - 1 HOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2245	29-09-2025	NAPHTHA TANK NO 7 INSIDE DYKE	SUMP DRAIN - 1 HOV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2246	29-09-2025	NAPHTHA TANK NO 7 INSIDE DYKE	SUMP DRAIN - 1 HOV 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2247	29-09-2025	NAPHTHA TANK NO 7 INSIDE DYKE	SUMP DRAIN - 1 HOV 3 UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
2248	29-09-2025	NAPHTHA TANK NO 7 INSIDE DYKE	SUMP DRAIN - 1 HOV 3 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2249	29-09-2025	NAPHTHA TANK NO 7 INSIDE DYKE	SUMP DRAIN - 2 HOV 1 UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
2250	29-09-2025	NAPHTHA TANK NO 7 INSIDE DYKE	SUMP DRAIN - 2 HOV 1 DOWNSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
2251	29-09-2025	NAPHTHA TANK NO 7 INSIDE DYKE	SUMP DRAIN - 2 HOV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2252	29-09-2025	NAPHTHA TANK NO 7 INSIDE DYKE	SUMP DRAIN - 2 HOV 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2253	29-09-2025	NAPHTHA TANK NO 7 INSIDE DYKE	SUMP DRAIN - 2 HOV 3 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2254	29-09-2025	NAPHTHA TANK NO 7 INSIDE DYKE	SUMP DRAIN - 2 HOV 3 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2255	29-09-2025	NAPHTHA TANK NO 7 INSIDE DYKE	PESSURE TRANSMITTER HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2256	29-09-2025	NAPHTHA TANK NO 7 INSIDE DYKE	PESSURE TRANSMITTER HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2257	29-09-2025	NAPHTHA TANK NO 7 INSIDE DYKE	MAN HOLE - 1	Flange	0.0	1	100	0.000000	8760	0.000000
2258	29-09-2025	NAPHTHA TANK NO 7 INSIDE DYKE	MAN HOLE - 2	Flange	0.0	1	100	0.000000	8760	0.000000
2259	29-09-2025	NAPHTHA TANK NO 7 INSIDE DYKE	MAN HOLE - 3	Flange	0.1	1	100	0.000001	8760	0.008002
2260	29-09-2025	NAPHTHA TANK NO 7 INSIDE DYKE	MAN HOLE - 4	Flange	0.2	1	100	0.000001	8760	0.013027
2261	29-09-2025	NAPHTHA TANK NO 7 INSIDE DYKE	HEEL STRPING MOV UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
2262	29-09-2025	NAPHTHA TANK NO 7 INSIDE DYKE	HEEL STRPING MOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2263	29-09-2025	NAPHTHA TANK NO 7 INSIDE DYKE	OUTLET XZV 5054 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2264	29-09-2025	NAPHTHA TANK NO 7 INSIDE DYKE	OUTLET XZV 5054 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2265	29-09-2025	NAPHTHA TANK NO 7 INSIDE DYKE	CLEAN OUT DOOR	Flange	0.0	1	100	0.000000	8760	0.000000
2266	29-09-2025	NAPHTHA TANK NO 7 INSIDE DYKE	OUTLET BODY FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2267	29-09-2025	NAPHTHA TANK NO 7 INSIDE DYKE	SPECTACLE BLIND UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2268	29-09-2025	NAPHTHA TANK NO 7 INSIDE DYKE	SPECTACLE BLIND DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2269	29-09-2025	OUTSIDE DYKE	INLET HEADER MOV UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
2270	29-09-2025	OUTSIDE DYKE	INLET HEADER MOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2271	29-09-2025	OUTSIDE DYKE	INLET HEADER PSV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2272	29-09-2025	OUTSIDE DYKE	INLET HEADER PSV DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
2273	29-09-2025	OUT SIDE DYKE	STREAM HOV - 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2274	29-09-2025	OUT SIDE DYKE	STREAM HOV - 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2275	29-09-2025	OUT SIDE DYKE	STREAM HOV - 2 UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002

2276	29-09-2025	OUT SIDE DYKE	STREAM HOV - 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2277	29-09-2025	MOVS CONNECTED TO INLET	MOV - 1 UPSTEAM (205-MOV-0030)	Flange	0.1	1	100	0.000001	8760	0.008002
2278	29-09-2025	MOVS CONNECTED TO INLET	MOV - 1 DOWNSTEAM (205-MOV-0030)	Flange	0.0	1	100	0.000000	8760	0.000000
2279	29-09-2025	MOVS CONNECTED TO INLET	MOV - 2 UPSTEAM (205-MOV-0025)	Flange	0.0	1	100	0.000000	8760	0.000000
2280	29-09-2025	MOVS CONNECTED TO INLET	MOV - 2 DOWNSTEAM(205-MOV-0025)	Flange	0.2	1	100	0.000001	8760	0.013027
2281	29-09-2025	MOVS CONNECTED TO INLET	MOV - 3 UPSTEAM(205-MOV-0028)	Flange	0.0	1	100	0.000000	8760	0.000000
2282	29-09-2025	MOVS CONNECTED TO INLET	MOV - 3 DOWNSTEAM(205-MOV-0028)	Flange	0.0	1	100	0.000000	8760	0.000000
2283	29-09-2025	MOVS CONNECTED TO INLET	MOV - 4 UPSTEAM(205-MOV-0026)	Flange	0.0	1	100	0.000000	8760	0.000000
2284	29-09-2025	MOVS CONNECTED TO INLET	MOV - 4 DOWNSTEAM(205-MOV-0026)	Flange	0.1	1	100	0.000001	8760	0.008002
2285	29-09-2025	MOVS CONNECTED TO INLET	MOV - 5 UPSTEAM(205-MOV-0027)	Flange	0.0	1	100	0.000000	8760	0.000000
2286	29-09-2025	MOVS CONNECTED TO INLET	MOV - 5 DOWNSTEAM(205-MOV-0027)	Flange	0.0	1	100	0.000000	8760	0.000000
2287	29-09-2025	MOVS CONNECTED TO INLET	NRV - 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2288	29-09-2025	MOVS CONNECTED TO INLET	NRV - 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2289	29-09-2025	MOVS CONNECTED TO INLET	NRV - 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2290	29-09-2025	MOVS CONNECTED TO INLET	NRV - 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2291	29-09-2025	MOVS CONNECTED TO INLET	NRV - 3 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2292	29-09-2025	MOVS CONNECTED TO INLET	NRV - 3 DOWNSTEAM	Flange	0.3	1	100	0.000002	8760	0.017323
2293	29-09-2025	MOVS CONNECTED TO INLET	NRV - 4 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2294	29-09-2025	MOVS CONNECTED TO INLET	NRV - 4 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2295	29-09-2025	MOVS CONNECTED TO INLET	NRV - 5 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2296	29-09-2025	MOVS CONNECTED TO INLET	NRV - 5 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2297	29-09-2025	MOVS CONNECTED TO INLET	MOV - 1 UPSTEAM(205-MOV-0633)	Flange	0.0	1	100	0.000000	8760	0.000000
2298	29-09-2025	MOVS CONNECTED TO INLET	MOV - 1 DOWNSTEAM(205-MOV-0633)	Flange	0.0	1	100	0.000000	8760	0.000000
2299	29-09-2025	MOVS CONNECTED TO INLET	MOV - 2 UPSTEAM(205-MOV-0636)	Flange	0.3	1	100	0.000002	8760	0.017323
2300	29-09-2025	MOVS CONNECTED TO INLET	MOV - 2 DOWNSTEAM(205-MOV-0636)	Flange	0.1	1	100	0.000001	8760	0.008002
2301	29-09-2025	MOVS CONNECTED TO INLET	ITT HEADER HOV UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
2302	29-09-2025	MOVS CONNECTED TO INLET	ITT HEADER HOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2303	29-09-2025	MOVS CONNECTED TO INLET	RECIRCULATION MOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2304	29-09-2025	MOVS CONNECTED TO INLET	RECIRCULATION MOV DOWN STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
2305	29-09-2025	MOVS CONNECTED TO INLET	MFA FROM DOSING SKIT MOV UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
2306	29-09-2025	MOVS CONNECTED TO INLET	MFA FROM DOSING SKIT MOV DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
2307	29-09-2025	MOVS CONNECTED TO INLET	OUTLET HEADER MOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2308	29-09-2025	MOVS CONNECTED TO INLET	OUTLET HEADER MOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2309	29-09-2025	MOVS CONNECTED TO INLET	HEEL STRPING MOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2310	29-09-2025	MOVS CONNECTED TO INLET	HEEL STRPING MOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2311	29-09-2025	MOVS CONNECTED TO INLET	OUTLET HEADER PSV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2312	29-09-2025	MOVS CONNECTED TO INLET	OUTLET HEADER PSV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2313	29-09-2025	MOVS CONNECTED TO INLET	STREAM HOV - 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2314	29-09-2025	MOVS CONNECTED TO INLET	STREAM HOV - 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2315	29-09-2025	MOVS CONNECTED TO INLET	STREAM HOV - 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2316	29-09-2025	MOVS CONNECTED TO INLET	STREAM HOV - 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2317	29-09-2025	NAPHTHA TANK NO 7 TANK TOP	RIM SEAL EAST	Flange	1.2	1	100	0.000005	8760	0.045906
2318	29-09-2025	NAPHTHA TANK NO 7 TANK TOP	RIM SEAL WEST	Flange	1.4	1	100	0.000006	8760	0.051160
2319	29-09-2025	NAPHTHA TANK NO 7 TANK TOP	RIM SEAL NORTH	Flange	1.2	1	100	0.000005	8760	0.045906
2320	29-09-2025	NAPHTHA TANK NO 7 TANK TOP	RIM SEAL SOUTH	Flange	1.0	1	100	0.000005	8760	0.040384
2321	29-09-2025	NAPHTHA TANK NO 7 TANK TOP	DIPHATCH	Flange	0.8	1	100	0.000004	8760	0.034521
2322	29-09-2025	NAPHTHA TANK NO 6 INSIDE DYKE	RECIRCULATION MOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2323	29-09-2025	NAPHTHA TANK NO 6 INSIDE DYKE	RECIRCULATION MOV DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
2324	29-09-2025	NAPHTHA TANK NO 6 INSIDE DYKE	INLET XZV 5088 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2325	29-09-2025	NAPHTHA TANK NO 6 INSIDE DYKE	INLET XZV 5088 DOWN STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
2326	29-09-2025	NAPHTHA TANK NO 6 INSIDE DYKE	MINIMUM FLOW HEADER MOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2327	29-09-2025	NAPHTHA TANK NO 6 INSIDE DYKE	MINIMUM FLOW HEADER MOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2328	29-09-2025	NAPHTHA TANK NO 6 INSIDE DYKE	SUMP DRAIN - 1 HOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2329	29-09-2025	NAPHTHA TANK NO 6 INSIDE DYKE	SUMP DRAIN - 1 HOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2330	29-09-2025	NAPHTHA TANK NO 6 INSIDE DYKE	SUMP DRAIN - 1 HOV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2331	29-09-2025	NAPHTHA TANK NO 6 INSIDE DYKE	SUMP DRAIN - 1 HOV 2 DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
2332	29-09-2025	NAPHTHA TANK NO 6 INSIDE DYKE	SUMP DRAIN - 1 HOV 3 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2333	29-09-2025	NAPHTHA TANK NO 6 INSIDE DYKE	SUMP DRAIN - 1 HOV 3 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2334	29-09-2025	NAPHTHA TANK NO 6 INSIDE DYKE	SUMP DRAIN - 2 HOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2335	29-09-2025	NAPHTHA TANK NO 6 INSIDE DYKE	SUMP DRAIN - 2 HOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2336	29-09-2025	NAPHTHA TANK NO 6 INSIDE DYKE	SUMP DRAIN - 2 HOV 2 UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
2337	29-09-2025	NAPHTHA TANK NO 6 INSIDE DYKE	SUMP DRAIN - 2 HOV 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2338	29-09-2025	NAPHTHA TANK NO 6 INSIDE DYKE	SUMP DRAIN - 2 HOV 3 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2339	29-09-2025	NAPHTHA TANK NO 6 INSIDE DYKE	SUMP DRAIN - 2 HOV 3 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2340	29-09-2025	NAPHTHA TANK NO 6 INSIDE DYKE	PESSURE TRANSMITTER HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2341	29-09-2025	NAPHTHA TANK NO 6 INSIDE DYKE	PESSURE TRANSMITTER HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2342	29-09-2025	NAPHTHA TANK NO 6 INSIDE DYKE	MAN HOLE - 1	Flange	0.0	1	100	0.000000	8760	0.000000
2343	29-09-2025	NAPHTHA TANK NO 6 INSIDE DYKE	MAN HOLE - 2	Flange	0.0	1	100	0.000000	8760	0.000000
2344	29-09-2025	NAPHTHA TANK NO 6 INSIDE DYKE	MAN HOLE - 3	Flange	0.2	1	100	0.000001	8760	0.013027
2345	29-09-2025	NAPHTHA TANK NO 6 INSIDE DYKE	MAN HOLE - 4	Flange	0.2	1	100	0.000001	8760	0.013027
2346	29-09-2025	NAPHTHA TANK NO 6 INSIDE DYKE	HEEL STRPING MOV UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
2347	29-09-2025	NAPHTHA TANK NO 6 INSIDE DYKE	HEEL STRPING MOV DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
2348	29-09-2025	NAPHTHA TANK NO 6 INSIDE DYKE	OUTLET XZV 5052 UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
2349	29-09-2025	NAPHTHA TANK NO 6 INSIDE DYKE	OUTLET XZV 5052 DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
2350	29-09-2025	NAPHTHA TANK NO 6 INSIDE DYKE	CLEAN OUT DOOR	Flange	0.0	1	100	0.000000	8760	0.000000
2351	29-09-2025	NAPHTHA TANK NO 6 INSIDE DYKE	OUTLET BODY FLANGE	Flange	0.1	1	100	0.000001	8760	0.008002
2352	29-09-2025	NAPHTHA TANK NO 6 INSIDE DYKE	SPECTACLE BLIND UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
2353	29-09-2025	NAPHTHA TANK NO 6 INSIDE DYKE	SPECTACLE BLIND DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
2354	29-09-2025	OUTSIDE DYKE	INLET HEADER MOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2355	29-09-2025	OUTSIDE DYKE	INLET HEADER MOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2356	29-09-2025	OUTSIDE DYKE	INLET HEADER PSV UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
2357	29-09-2025	OUTSIDE DYKE	INLET HEADER PSV DOWNSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
2358	29-09-2025	OUT SIDE DYKE	STREAM HOV - 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2359	29-09-2025	OUT SIDE DYKE	STREAM HOV - 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2360	29-09-2025	OUT SIDE DYKE	STREAM HOV - 2 UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
2361	29-09-2025	OUT SIDE DYKE	STREAM HOV - 2 DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
2362	29-09-2025	MOVS CONNECTED TO INLET	MOV - 1 UPSTEAM(205-MOV-0024)	Flange	0.0	1	100	0.000000	8760	0.000000

2363	29-09-2025	MOVS CONNECTED TO INLET	MOV - 1 DOWNSTEAM(205-MOV-0024)	Flange	0.0	1	100	0.000000	8760	0.000000
2364	29-09-2025	MOVS CONNECTED TO INLET	MOV - 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2365	29-09-2025	MOVS CONNECTED TO INLET	MOV - 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2366	29-09-2025	MOVS CONNECTED TO INLET	MOV - 3 UPSTEAM(205-MOV-0022)	Flange	0.0	1	100	0.000000	8760	0.000000
2367	29-09-2025	MOVS CONNECTED TO INLET	MOV - 3 DOWNSTEAM(205-MOV-0022)	Flange	0.0	1	100	0.000000	8760	0.000000
2368	29-09-2025	MOVS CONNECTED TO INLET	MOV - 4 UPSTEAM(205-MOV-0020)	Flange	0.0	1	100	0.000000	8760	0.000000
2369	29-09-2025	MOVS CONNECTED TO INLET	MOV - 4 DOWNSTEAM(205-MOV-0020)	Flange	0.0	1	100	0.000000	8760	0.000000
2370	29-09-2025	MOVS CONNECTED TO INLET	MOV - 5 UPSTEAM(205-MOV-0021)	Flange	0.0	1	100	0.000000	8760	0.000000
2371	29-09-2025	MOVS CONNECTED TO INLET	MOV - 5 DOWNSTEAM(205-MOV-0021)	Flange	0.0	1	100	0.000000	8760	0.000000
2372	29-09-2025	MOVS CONNECTED TO INLET	NRV - 1 UPSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
2373	29-09-2025	MOVS CONNECTED TO INLET	NRV - 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2374	29-09-2025	MOVS CONNECTED TO INLET	NRV - 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2375	29-09-2025	MOVS CONNECTED TO INLET	NRV - 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2376	29-09-2025	MOVS CONNECTED TO INLET	NRV - 3 UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
2377	29-09-2025	MOVS CONNECTED TO INLET	NRV - 3 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2378	29-09-2025	MOVS CONNECTED TO INLET	NRV - 4 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2379	29-09-2025	MOVS CONNECTED TO INLET	NRV - 4 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2380	29-09-2025	MOVS CONNECTED TO INLET	NRV - 5 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2381	29-09-2025	MOVS CONNECTED TO INLET	NRV - 5 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2382	29-09-2025	MOVS CONNECTED TO INLET	PUMP DISCHARGE HEADER MOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2383	29-09-2025	MOVS CONNECTED TO INLET	PUMP DISCHARGE HEADER MOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2384	29-09-2025	MOVS CONNECTED TO INLET	MOV - 1 UPSTEAM(205-MOV-0629)	Flange	0.0	1	100	0.000000	8760	0.000000
2385	29-09-2025	MOVS CONNECTED TO INLET	MOV - 1 DOWNSTEAM(205-MOV-0629)	Flange	0.0	1	100	0.000000	8760	0.000000
2386	29-09-2025	MOVS CONNECTED TO INLET	MOV - 2 UPSTEAM(205-MOV-0632)	Flange	0.0	1	100	0.000000	8760	0.000000
2387	29-09-2025	MOVS CONNECTED TO INLET	MOV - 2 DOWNSTEAM(205-MOV-0632)	Flange	0.0	1	100	0.000000	8760	0.000000
2388	29-09-2025	MOVS CONNECTED TO INLET	ITT HEADER HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2389	29-09-2025	MOVS CONNECTED TO INLET	ITT HEADER HOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2390	29-09-2025	MOVS CONNECTED TO INLET	RECIRCULATION MOV UPSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
2391	29-09-2025	MOVS CONNECTED TO INLET	RECIRCULATION MOV DOWN STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
2392	29-09-2025	MOVS CONNECTED TO INLET	MFA FROM DOSING SKIT MOV UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
2393	29-09-2025	MOVS CONNECTED TO INLET	MFA FROM DOSING SKIT MOV DOWNSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
2394	29-09-2025	MOVS CONNECTED TO INLET	OUTLET HEADER MOV UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
2395	29-09-2025	MOVS CONNECTED TO INLET	OUTLET HEADER MOV DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
2396	29-09-2025	MOVS CONNECTED TO INLET	HEEL STRPING MOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2397	29-09-2025	MOVS CONNECTED TO INLET	HEEL STRPING MOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2398	29-09-2025	MOVS CONNECTED TO INLET	OUTLET HEADER PSV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2399	29-09-2025	MOVS CONNECTED TO INLET	OUTLET HEADER PSV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2400	29-09-2025	MOVS CONNECTED TO INLET	STREAM HOV - 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2401	29-09-2025	MOVS CONNECTED TO INLET	STREAM HOV - 1 DOWNSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
2402	29-09-2025	MOVS CONNECTED TO INLET	STREAM HOV - 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2403	29-09-2025	MOVS CONNECTED TO INLET	STREAM HOV - 2 DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
2404	29-09-2025	NAPHTHA TANK NO 6 TANK TOP	RIM SEAL EAST	Flange	0.1	1	100	0.000001	8760	0.008002
2405	29-09-2025	NAPHTHA TANK NO 6 TANK TOP	RIM SEAL WEST	Flange	0.1	1	100	0.000001	8760	0.008002
2406	29-09-2025	NAPHTHA TANK NO 6 TANK TOP	RIM SEAL NORTH	Flange	0.0	1	100	0.000000	8760	0.000000
2407	29-09-2025	NAPHTHA TANK NO 6 TANK TOP	RIM SEAL SOUTH	Flange	0.0	1	100	0.000000	8760	0.000000
2408	29-09-2025	NAPHTHA TANK NO 6 TANK TOP	DIPHATCH	Flange	0.0	1	100	0.000000	8760	0.000000
2409	29-09-2025	NAPHTHA TANK NO 5 INSIDE DYKE	RECIRCULATION MOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2410	29-09-2025	NAPHTHA TANK NO 5 INSIDE DYKE	RECIRCULATION MOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2411	29-09-2025	NAPHTHA TANK NO 5 INSIDE DYKE	INLET XZV 5003 UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
2412	29-09-2025	NAPHTHA TANK NO 5 INSIDE DYKE	INLET XZV 5003 DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2413	29-09-2025	NAPHTHA TANK NO 5 INSIDE DYKE	MINIMUM FLOW HEADER MOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2414	29-09-2025	NAPHTHA TANK NO 5 INSIDE DYKE	MINIMUM FLOW HEADER MOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2415	29-09-2025	NAPHTHA TANK NO 5 INSIDE DYKE	SUMP DRAIN - 1 HOV 1 UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
2416	29-09-2025	NAPHTHA TANK NO 5 INSIDE DYKE	SUMP DRAIN - 1 HOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2417	29-09-2025	NAPHTHA TANK NO 5 INSIDE DYKE	SUMP DRAIN - 1 HOV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2418	29-09-2025	NAPHTHA TANK NO 5 INSIDE DYKE	SUMP DRAIN - 1 HOV 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2419	29-09-2025	NAPHTHA TANK NO 5 INSIDE DYKE	SUMP DRAIN - 1 HOV 3 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2420	29-09-2025	NAPHTHA TANK NO 5 INSIDE DYKE	SUMP DRAIN - 1 HOV 3 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2421	29-09-2025	NAPHTHA TANK NO 5 INSIDE DYKE	SUMP DRAIN - 2 HOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2422	29-09-2025	NAPHTHA TANK NO 5 INSIDE DYKE	SUMP DRAIN - 2 HOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2423	29-09-2025	NAPHTHA TANK NO 5 INSIDE DYKE	SUMP DRAIN - 2 HOV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2424	29-09-2025	NAPHTHA TANK NO 5 INSIDE DYKE	SUMP DRAIN - 2 HOV 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2425	29-09-2025	NAPHTHA TANK NO 5 INSIDE DYKE	SUMP DRAIN - 2 HOV 3 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2426	29-09-2025	NAPHTHA TANK NO 5 INSIDE DYKE	SUMP DRAIN - 2 HOV 3 DOWNSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
2427	29-09-2025	NAPHTHA TANK NO 5 INSIDE DYKE	PESSURE TRANSMITTER HOV UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
2428	29-09-2025	NAPHTHA TANK NO 5 INSIDE DYKE	PESSURE TRANSMITTER HOV DOWN STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
2429	29-09-2025	NAPHTHA TANK NO 5 INSIDE DYKE	MAN HOLE - 1	Flange	0.1	1	100	0.000001	8760	0.008002
2430	29-09-2025	NAPHTHA TANK NO 5 INSIDE DYKE	MAN HOLE - 2	Flange	0.1	1	100	0.000001	8760	0.008002
2431	29-09-2025	NAPHTHA TANK NO 5 INSIDE DYKE	MAN HOLE - 3	Flange	0.0	1	100	0.000000	8760	0.000000
2432	29-09-2025	NAPHTHA TANK NO 5 INSIDE DYKE	MAN HOLE - 4	Flange	0.0	1	100	0.000000	8760	0.000000
2433	29-09-2025	NAPHTHA TANK NO 5 INSIDE DYKE	HEEL STRPING MOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2434	29-09-2025	NAPHTHA TANK NO 5 INSIDE DYKE	HEEL STRPING MOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2435	29-09-2025	NAPHTHA TANK NO 5 INSIDE DYKE	OUTLET XZV 5004 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2436	29-09-2025	NAPHTHA TANK NO 5 INSIDE DYKE	OUTLET XZV 5004 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2437	29-09-2025	NAPHTHA TANK NO 5 INSIDE DYKE	CLEAN OUT DOOR	Flange	0.0	1	100	0.000000	8760	0.000000
2438	29-09-2025	NAPHTHA TANK NO 5 INSIDE DYKE	OUTLET BODY FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2439	29-09-2025	NAPHTHA TANK NO 5 INSIDE DYKE	SPECTACLE BLIND UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2440	29-09-2025	NAPHTHA TANK NO 5 INSIDE DYKE	SPECTACLE BLIND DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2441	29-09-2025	OUTSIDE DYKE	INLET HEADER MOV UPSTEAM(205-MOV-0016)	Flange	0.0	1	100	0.000000	8760	0.000000
2442	29-09-2025	OUTSIDE DYKE	INLET HEADER MOV DOWNSTEAM(205-MOV-0016)	Flange	0.0	1	100	0.000000	8760	0.000000
2443	29-09-2025	OUTSIDE DYKE	INLET HEADER PSV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2444	29-09-2025	OUTSIDE DYKE	INLET HEADER PSV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2445	29-09-2025	OUT SIDE DYKE	STREAM HOV - 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2446	29-09-2025	OUT SIDE DYKE	STREAM HOV - 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2447	29-09-2025	OUT SIDE DYKE	STREAM HOV - 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2448	29-09-2025	OUT SIDE DYKE	STREAM HOV - 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2449	29-09-2025	MOVS CONNECTED TO INLET	MOV - 1 UPSTEAM(205-MOV-0012)	Flange	0.0	1	100	0.000000	8760	0.000000

2450	29-09-2025	MOVS CONNECTED TO INLET	MOV - 1 DOWNSTEAM(205-MOV-0012)	Flange	0.0	1	100	0.000000	8760	0.000000
2451	29-09-2025	MOVS CONNECTED TO INLET	MOV - 2 UPSTEAM(205-MOV-0007)	Flange	0.0	1	100	0.000000	8760	0.000000
2452	29-09-2025	MOVS CONNECTED TO INLET	MOV - 2 DOWNSTEAM(205-MOV-0007)	Flange	0.0	1	100	0.000000	8760	0.000000
2453	29-09-2025	MOVS CONNECTED TO INLET	MOV - 3 UPSTEAM(205-MOV-0010)	Flange	0.0	1	100	0.000000	8760	0.000000
2454	29-09-2025	MOVS CONNECTED TO INLET	MOV - 3 DOWNSTEAM(205-MOV-0010)	Flange	0.0	1	100	0.000000	8760	0.000000
2455	29-09-2025	MOVS CONNECTED TO INLET	MOV - 4 UPSTEAM(205-MOV-0008)	Flange	0.0	1	100	0.000000	8760	0.000000
2456	29-09-2025	MOVS CONNECTED TO INLET	MOV - 4 DOWNSTEAM(205-MOV-0008)	Flange	0.0	1	100	0.000000	8760	0.000000
2457	29-09-2025	MOVS CONNECTED TO INLET	MOV - 5 UPSTEAM(205-MOV-0009)	Flange	0.0	1	100	0.000000	8760	0.000000
2458	29-09-2025	MOVS CONNECTED TO INLET	MOV - 5 DOWNSTEAM(205-MOV-0009)	Flange	0.0	1	100	0.000000	8760	0.000000
2459	29-09-2025	MOVS CONNECTED TO INLET	NRV - 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2460	29-09-2025	MOVS CONNECTED TO INLET	NRV - 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2461	29-09-2025	MOVS CONNECTED TO INLET	NRV - 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2462	29-09-2025	MOVS CONNECTED TO INLET	NRV - 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2463	29-09-2025	MOVS CONNECTED TO INLET	NRV - 3 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2464	29-09-2025	MOVS CONNECTED TO INLET	NRV - 3 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2465	29-09-2025	MOVS CONNECTED TO INLET	NRV - 4 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2466	29-09-2025	MOVS CONNECTED TO INLET	NRV - 4 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2467	29-09-2025	MOVS CONNECTED TO INLET	NRV - 5 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2468	29-09-2025	MOVS CONNECTED TO INLET	NRV - 5 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2469	29-09-2025	MOVS CONNECTED TO INLET	PUMP DISCHARGE HEADER MOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2470	29-09-2025	MOVS CONNECTED TO INLET	PUMP DISCHARGE HEADER MOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2471	29-09-2025	MOVS CONNECTED TO INLET	MOV - 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2472	29-09-2025	MOVS CONNECTED TO INLET	MOV - 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2473	29-09-2025	MOVS CONNECTED TO INLET	MOV - 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2474	29-09-2025	MOVS CONNECTED TO INLET	MOV - 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2475	29-09-2025	MOVS CONNECTED TO INLET	ITT HEADER HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2476	29-09-2025	MOVS CONNECTED TO INLET	ITT HEADER HOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2477	29-09-2025	MOVS CONNECTED TO INLET	RECIRCULATION MOV UPSTEAM(205-MOV-0345)	Flange	0.0	1	100	0.000000	8760	0.000000
2478	29-09-2025	MOVS CONNECTED TO INLET	RECIRCULATION MOV DOWNSTREAM(205-MOV-0345)	Flange	0.1	1	100	0.000001	8760	0.008002
2479	29-09-2025	MOVS CONNECTED TO INLET	MFA FROM DOSING SKIT MOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2480	29-09-2025	MOVS CONNECTED TO INLET	MFA FROM DOSING SKIT MOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2481	29-09-2025	MOVS CONNECTED TO INLET	OUTLET HEADER MOV UPSTEAM(205-MOV-0346)	Flange	0.0	1	100	0.000000	8760	0.000000
2482	29-09-2025	MOVS CONNECTED TO INLET	OUTLET HEADER MOV DOWNSTEAM(205-MOV-0346)	Flange	0.0	1	100	0.000000	8760	0.000000
2483	29-09-2025	MOVS CONNECTED TO INLET	HEEL STRPING MOV UPSTEAM(205-MOV-0347)	Flange	0.0	1	100	0.000000	8760	0.000000
2484	29-09-2025	MOVS CONNECTED TO INLET	HEEL STRPING MOV DOWNSTEAM(205-MOV-0347)	Flange	0.0	1	100	0.000000	8760	0.000000
2485	29-09-2025	MOVS CONNECTED TO INLET	OUTLET HEADER PSV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2486	29-09-2025	MOVS CONNECTED TO INLET	OUTLET HEADER PSV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2487	29-09-2025	MOVS CONNECTED TO INLET	STREAM HOV - 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2488	29-09-2025	MOVS CONNECTED TO INLET	STREAM HOV - 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2489	29-09-2025	MOVS CONNECTED TO INLET	STREAM HOV - 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2490	29-09-2025	MOVS CONNECTED TO INLET	STREAM HOV - 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2491	29-09-2025	NAPHTHA TANK NO 5 TANK TOP	RIM SEAL EAST	Flange	2.1	1	100	0.000008	8760	0.068034
2492	29-09-2025	NAPHTHA TANK NO 5 TANK TOP	RIM SEAL WEST	Flange	0.8	1	100	0.000004	8760	0.034521
2493	29-09-2025	NAPHTHA TANK NO 5 TANK TOP	RIM SEAL NORTH	Flange	1.3	1	100	0.000006	8760	0.048563
2494	29-09-2025	NAPHTHA TANK NO 5 TANK TOP	RIM SEAL SOUTH	Flange	0.7	1	100	0.000004	8760	0.031427
2495	29-09-2025	NAPHTHA TANK NO 5 TANK TOP	DIPHATCH	Flange	0.3	1	100	0.000002	8760	0.017323
2496	29-09-2025	NAPHTHA TANK NO 4 INSIDE DYKE	RECIRCULATION MOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2497	29-09-2025	NAPHTHA TANK NO 4 INSIDE DYKE	RECIRCULATION MOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2498	29-09-2025	NAPHTHA TANK NO 4 INSIDE DYKE	INLET XZV 5001 UPSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
2499	29-09-2025	NAPHTHA TANK NO 4 INSIDE DYKE	INLET XZV 5001 DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2500	29-09-2025	NAPHTHA TANK NO 4 INSIDE DYKE	MINIMUM FLOW HEADER MOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2501	29-09-2025	NAPHTHA TANK NO 4 INSIDE DYKE	MINIMUM FLOW HEADER MOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2502	29-09-2025	NAPHTHA TANK NO 4 INSIDE DYKE	SUMP DRAIN - 1 HOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2503	29-09-2025	NAPHTHA TANK NO 4 INSIDE DYKE	SUMP DRAIN - 1 HOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2504	29-09-2025	NAPHTHA TANK NO 4 INSIDE DYKE	SUMP DRAIN - 1 HOV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2505	29-09-2025	NAPHTHA TANK NO 4 INSIDE DYKE	SUMP DRAIN - 1 HOV 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2506	29-09-2025	NAPHTHA TANK NO 4 INSIDE DYKE	SUMP DRAIN - 1 HOV 3 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2507	29-09-2025	NAPHTHA TANK NO 4 INSIDE DYKE	SUMP DRAIN - 1 HOV 3 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2508	29-09-2025	NAPHTHA TANK NO 4 INSIDE DYKE	SUMP DRAIN - 2 HOV 1 UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
2509	29-09-2025	NAPHTHA TANK NO 4 INSIDE DYKE	SUMP DRAIN - 2 HOV 1 DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
2510	29-09-2025	NAPHTHA TANK NO 4 INSIDE DYKE	SUMP DRAIN - 2 HOV 2 UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
2511	29-09-2025	NAPHTHA TANK NO 4 INSIDE DYKE	SUMP DRAIN - 2 HOV 2 DOWNSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
2512	29-09-2025	NAPHTHA TANK NO 4 INSIDE DYKE	SUMP DRAIN - 2 HOV 3 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2513	29-09-2025	NAPHTHA TANK NO 4 INSIDE DYKE	SUMP DRAIN - 2 HOV 3 DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
2514	29-09-2025	NAPHTHA TANK NO 4 INSIDE DYKE	PESSURE TRANSMITTER HOV UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
2515	29-09-2025	NAPHTHA TANK NO 4 INSIDE DYKE	PESSURE TRANSMITTER HOV DOWN STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
2516	29-09-2025	NAPHTHA TANK NO 4 INSIDE DYKE	MAN HOLE - 1	Flange	0.0	1	100	0.000000	8760	0.000000
2517	29-09-2025	NAPHTHA TANK NO 4 INSIDE DYKE	MAN HOLE - 2	Flange	0.0	1	100	0.000000	8760	0.000000
2518	29-09-2025	NAPHTHA TANK NO 4 INSIDE DYKE	MAN HOLE - 3	Flange	0.0	1	100	0.000000	8760	0.000000
2519	29-09-2025	NAPHTHA TANK NO 4 INSIDE DYKE	MAN HOLE - 4	Flange	0.0	1	100	0.000000	8760	0.000000
2520	29-09-2025	NAPHTHA TANK NO 4 INSIDE DYKE	HEEL STRPING MOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2521	29-09-2025	NAPHTHA TANK NO 4 INSIDE DYKE	HEEL STRPING MOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2522	29-09-2025	NAPHTHA TANK NO 4 INSIDE DYKE	OUTLET XZV 5002 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2523	29-09-2025	NAPHTHA TANK NO 4 INSIDE DYKE	OUTLET XZV 5002 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2524	29-09-2025	NAPHTHA TANK NO 4 INSIDE DYKE	CLEAN OUT DOOR	Flange	0.0	1	100	0.000000	8760	0.000000
2525	29-09-2025	NAPHTHA TANK NO 4 INSIDE DYKE	OUTLET BODY FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
2526	29-09-2025	NAPHTHA TANK NO 4 INSIDE DYKE	SPECTACLE BLIND UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2527	29-09-2025	NAPHTHA TANK NO 4 INSIDE DYKE	SPECTACLE BLIND DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2528	29-09-2025	OUTSIDE DYKE	INLET HEADER MOV UPSTEAM(205-MOV-0013)	Flange	0.0	1	100	0.000000	8760	0.000000
2529	29-09-2025	OUTSIDE DYKE	INLET HEADER MOV DOWNSTEAM(205-MOV-0013)	Flange	0.0	1	100	0.000000	8760	0.000000
2530	29-09-2025	OUTSIDE DYKE	INLET HEADER PSV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2531	29-09-2025	OUTSIDE DYKE	INLET HEADER PSV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2532	29-09-2025	OUT SIDE DYKE	STREAM HOV - 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2533	29-09-2025	OUT SIDE DYKE	STREAM HOV - 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2534	29-09-2025	OUT SIDE DYKE	STREAM HOV - 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2535	29-09-2025	OUT SIDE DYKE	STREAM HOV - 2 DOWNSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
2536	29-09-2025	MOVS CONNECTED TO INLET	MOV - 1 UPSTEAM(205-MOV-0006)	Flange	0.4	1	100	0.000002	8760	0.021206

2537	29-09-2025	MOVS CONNECTED TO INLET	MOV - 1 DOWNSTEAM(205-MOV-0006)	Flange	0.2	1	100	0.000001	8760	0.013027
2538	29-09-2025	MOVS CONNECTED TO INLET	MOV - 2 UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
2539	29-09-2025	MOVS CONNECTED TO INLET	MOV - 2 DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
2540	29-09-2025	MOVS CONNECTED TO INLET	MOV - 3 UPSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
2541	29-09-2025	MOVS CONNECTED TO INLET	MOV - 3 DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
2542	29-09-2025	MOVS CONNECTED TO INLET	MOV - 4 UPSTEAM(205-MOV-0002)	Flange	0.1	1	100	0.000001	8760	0.008002
2543	29-09-2025	MOVS CONNECTED TO INLET	MOV - 4 DOWNSTEAM(205-MOV-0002)	Flange	0.1	1	100	0.000001	8760	0.008002
2544	29-09-2025	MOVS CONNECTED TO INLET	MOV - 5 UPSTEAM(205-MOV-0003)	Flange	0.0	1	100	0.000000	8760	0.000000
2545	29-09-2025	MOVS CONNECTED TO INLET	MOV - 5 DOWNSTEAM(205-MOV-0003)	Flange	0.0	1	100	0.000000	8760	0.000000
2546	29-09-2025	MOVS CONNECTED TO INLET	NRV - 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2547	29-09-2025	MOVS CONNECTED TO INLET	NRV - 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2548	29-09-2025	MOVS CONNECTED TO INLET	NRV - 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2549	29-09-2025	MOVS CONNECTED TO INLET	NRV - 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2550	29-09-2025	MOVS CONNECTED TO INLET	NRV - 3 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2551	29-09-2025	MOVS CONNECTED TO INLET	NRV - 3 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2552	29-09-2025	MOVS CONNECTED TO INLET	NRV - 4 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2553	29-09-2025	MOVS CONNECTED TO INLET	NRV - 4 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2554	29-09-2025	MOVS CONNECTED TO INLET	NRV - 5 UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
2555	29-09-2025	MOVS CONNECTED TO INLET	NRV - 5 DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
2556	29-09-2025	MOVS CONNECTED TO INLET	PUMP DISCHARGE HEADER MOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2557	29-09-2025	MOVS CONNECTED TO INLET	PUMP DISCHARGE HEADER MOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2558	29-09-2025	MOVS CONNECTED TO INLET	MOV - 1 UPSTEAM(205-MOV-0619)	Flange	0.0	1	100	0.000000	8760	0.000000
2559	29-09-2025	MOVS CONNECTED TO INLET	MOV - 1 DOWNSTEAM(205-MOV-0619)	Flange	0.1	1	100	0.000001	8760	0.008002
2560	29-09-2025	MOVS CONNECTED TO INLET	MOV - 2 UPSTEAM(205-MOV-0624)	Flange	0.0	1	100	0.000000	8760	0.000000
2561	29-09-2025	MOVS CONNECTED TO INLET	MOV - 2 DOWNSTEAM(205-MOV-0624)	Flange	0.0	1	100	0.000000	8760	0.000000
2562	29-09-2025	MOVS CONNECTED TO INLET	ITT HEADER HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2563	29-09-2025	MOVS CONNECTED TO INLET	ITT HEADER HOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2564	29-09-2025	MOVS CONNECTED TO INLET	RECIRCULATION MOV UPSTEAM(205-MOV-0342)	Flange	0.0	1	100	0.000000	8760	0.000000
2565	29-09-2025	MOVS CONNECTED TO INLET	RECIRCULATION MOV DOWN STEAM(205-MOV-0342)	Flange	0.0	1	100	0.000000	8760	0.000000
2566	29-09-2025	MOVS CONNECTED TO INLET	MFA FROM DOSING SKIT MOV UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
2567	29-09-2025	MOVS CONNECTED TO INLET	MFA FROM DOSING SKIT MOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2568	29-09-2025	MOVS CONNECTED TO INLET	OUTLET HEADER MOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2569	29-09-2025	MOVS CONNECTED TO INLET	OUTLET HEADER MOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2570	29-09-2025	MOVS CONNECTED TO INLET	HEEL STRPING MOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2571	29-09-2025	MOVS CONNECTED TO INLET	HEEL STRPING MOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2572	29-09-2025	MOVS CONNECTED TO INLET	OUTLET HEADER PSV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2573	29-09-2025	MOVS CONNECTED TO INLET	OUTLET HEADER PSV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2574	29-09-2025	MOVS CONNECTED TO INLET	STREAM HOV - 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2575	29-09-2025	MOVS CONNECTED TO INLET	STREAM HOV - 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2576	29-09-2025	MOVS CONNECTED TO INLET	STREAM HOV - 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2577	29-09-2025	MOVS CONNECTED TO INLET	STREAM HOV - 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
2578	29-09-2025	NAPHTHA TANK NO 4 TANK TOP	RIM SEAL EAST	Flange	0.9	1	100	0.000004	8760	0.037501
2579	29-09-2025	NAPHTHA TANK NO 4 TANK TOP	RIM SEAL WEST	Flange	1.4	1	100	0.000006	8760	0.051160
2580	29-09-2025	NAPHTHA TANK NO 4 TANK TOP	RIM SEAL NORTH	Flange	0.9	1	100	0.000004	8760	0.037501
2581	29-09-2025	NAPHTHA TANK NO 4 TANK TOP	RIM SEAL SOUTH	Flange	1.3	1	100	0.000006	8760	0.048563
2582	29-09-2025	NAPHTHA TANK NO 4 TANK TOP	DIPHATCH	Flange	2.4	1	100	0.000009	8760	0.074730
2583	29-09-2025	MS TANK AREA 11 INSIDE DYKE	RECIRCULATION MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2584	29-09-2025	MS TANK AREA 11 INSIDE DYKE	RECIRCULATION MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2585	29-09-2025	MS TANK AREA 11 INSIDE DYKE	RECIRCULATION BODY	Flange	0.2	0.8	100	0.000001	8760	0.010421
2586	29-09-2025	MS TANK AREA 11 INSIDE DYKE	INLET XZV 5005 UPSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2587	29-09-2025	MS TANK AREA 11 INSIDE DYKE	INLET XZV 5005 DOWN STEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2588	29-09-2025	MS TANK AREA 11 INSIDE DYKE	MINIMUM FLOW HEADER MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2589	29-09-2025	MS TANK AREA 11 INSIDE DYKE	MINIMUM FLOW HEADER MOV DOWNSTEAM	Flange	0.2	0.8	100	0.000001	8760	0.010421
2590	29-09-2025	MS TANK AREA 11 INSIDE DYKE	SUMP DRAIN - 1 HOV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2591	29-09-2025	MS TANK AREA 11 INSIDE DYKE	SUMP DRAIN - 1 HOV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2592	29-09-2025	MS TANK AREA 11 INSIDE DYKE	SUMP DRAIN - 1 HOV 2 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2593	29-09-2025	MS TANK AREA 11 INSIDE DYKE	SUMP DRAIN - 1 HOV 2 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2594	29-09-2025	MS TANK AREA 11 INSIDE DYKE	SUMP DRAIN - 1 HOV 3 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2595	29-09-2025	MS TANK AREA 11 INSIDE DYKE	SUMP DRAIN - 1 HOV 3 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2596	29-09-2025	MS TANK AREA 11 INSIDE DYKE	SUMP DRAIN - 2 HOV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2597	29-09-2025	MS TANK AREA 11 INSIDE DYKE	SUMP DRAIN - 2 HOV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2598	29-09-2025	MS TANK AREA 11 INSIDE DYKE	SUMP DRAIN - 2 HOV 2 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2599	29-09-2025	MS TANK AREA 11 INSIDE DYKE	SUMP DRAIN - 2 HOV 2 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2600	29-09-2025	MS TANK AREA 11 INSIDE DYKE	SUMP DRAIN - 2 HOV 3 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2601	29-09-2025	MS TANK AREA 11 INSIDE DYKE	SUMP DRAIN - 2 HOV 3 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2602	29-09-2025	MS TANK AREA 11 INSIDE DYKE	SUMP DRAIN - 3 HOV 1 UPSTEAM	Flange	0.2	0.8	100	0.000001	8760	0.010421
2603	29-09-2025	MS TANK AREA 11 INSIDE DYKE	SUMP DRAIN - 3 HOV 1 DOWNSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2604	29-09-2025	MS TANK AREA 11 INSIDE DYKE	SUMP DRAIN - 3 HOV 2 UPSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2605	29-09-2025	MS TANK AREA 11 INSIDE DYKE	SUMP DRAIN - 3 HOV 2 DOWNSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2606	29-09-2025	MS TANK AREA 11 INSIDE DYKE	SUMP DRAIN - 3 HOV 3 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2607	29-09-2025	MS TANK AREA 11 INSIDE DYKE	SUMP DRAIN - 3 HOV 3 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2608	29-09-2025	MS TANK AREA 11 INSIDE DYKE	SUMP DRAIN - 4 HOV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2609	29-09-2025	MS TANK AREA 11 INSIDE DYKE	SUMP DRAIN - 4 HOV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2610	29-09-2025	MS TANK AREA 11 INSIDE DYKE	SUMP DRAIN - 4 HOV 2 UPSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2611	29-09-2025	MS TANK AREA 11 INSIDE DYKE	SUMP DRAIN - 4 HOV 2 DOWNSTEAM	Flange	0.3	0.8	100	0.000002	8760	0.013858
2612	29-09-2025	MS TANK AREA 11 INSIDE DYKE	SUMP DRAIN - 4 HOV 3 UPSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2613	29-09-2025	MS TANK AREA 11 INSIDE DYKE	SUMP DRAIN - 4 HOV 3 DOWNSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2614	29-09-2025	MS TANK AREA 11 INSIDE DYKE	PESSURE TRANSMITTER HOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2615	29-09-2025	MS TANK AREA 11 INSIDE DYKE	PESSURE TRANSMITTER HOV DOWN TEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2616	29-09-2025	MS TANK AREA 11 INSIDE DYKE	MAN HOLE - 1	Flange	0.0	0.8	100	0.000000	8760	0.000000
2617	29-09-2025	MS TANK AREA 11 INSIDE DYKE	MAN HOLE - 2	Flange	0.0	0.8	100	0.000000	8760	0.000000
2618	29-09-2025	MS TANK AREA 11 INSIDE DYKE	MAN HOLE - 3	Flange	0.0	0.8	100	0.000000	8760	0.000000
2619	29-09-2025	MS TANK AREA 11 INSIDE DYKE	HEEL STRPING MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2620	29-09-2025	MS TANK AREA 11 INSIDE DYKE	HEEL STRPING MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2621	29-09-2025	MS TANK AREA 11 INSIDE DYKE	OUTLET XZV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2622	29-09-2025	MS TANK AREA 11 INSIDE DYKE	OUTLET XZV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2623	29-09-2025	MS TANK AREA 11 INSIDE DYKE	CLEAN OUT DOOR	Flange	0.2	0.8	100	0.000001	8760	0.010421

2624	29-09-2025	OUT SIDE DYKE	INLET HEADER MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2625	29-09-2025	OUT SIDE DYKE	INLET HEADER MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2626	29-09-2025	OUT SIDE DYKE	INLET HEADER PSV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2627	29-09-2025	OUT SIDE DYKE	INLET HEADER PSV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2628	29-09-2025	OUT SIDE DYKE	STREAM HOV - 1 UPSTEAM	Flange	0.3	0.8	100	0.000002	8760	0.013858
2629	29-09-2025	OUT SIDE DYKE	STREAM HOV - 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2630	29-09-2025	OUT SIDE DYKE	STREAM HOV - 2 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2631	29-09-2025	OUT SIDE DYKE	STREAM HOV - 2 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2632	29-09-2025	MOVS CONNECTED TO INLET	MOV - 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2633	29-09-2025	MOVS CONNECTED TO INLET	MOV - 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2634	29-09-2025	MOVS CONNECTED TO INLET	MS PREMIMUM FROM MS BLENDING UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2635	29-09-2025	MOVS CONNECTED TO INLET	MS PREMIMUM FROM MS BLENDING DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2636	29-09-2025	MOVS CONNECTED TO INLET	MINIMUM FLOW HEADER MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2637	29-09-2025	MOVS CONNECTED TO INLET	MINIMUM FLOW HEADER MOV DOWNSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2638	29-09-2025	MOVS CONNECTED TO INLET	ITT HEADER HOV UPSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2639	29-09-2025	MOVS CONNECTED TO INLET	ITT HEADER HOV DOWNSTEAM	Flange	0.2	0.8	100	0.000001	8760	0.010421
2640	29-09-2025	MOVS CONNECTED TO INLET	RECIRCULATION MOV UPSTEAM	Flange	0.2	0.8	100	0.000001	8760	0.010421
2641	29-09-2025	MOVS CONNECTED TO INLET	RECIRCULATION MOV DOWN STEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2642	29-09-2025	MOVS CONNECTED TO INLET	MFA FROM DOSING SKIT MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2643	29-09-2025	MOVS CONNECTED TO INLET	MFA FROM DOSING SKIT MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2644	29-09-2025	MOVS CONNECTED TO INLET	OUTLET HEADER MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2645	29-09-2025	MOVS CONNECTED TO INLET	OUTLET HEADER MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2646	29-09-2025	MOVS CONNECTED TO INLET	OUTLET HEADER PSV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2647	29-09-2025	MOVS CONNECTED TO INLET	OUTLET HEADER PSV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2648	29-09-2025	MOVS CONNECTED TO INLET	STREAM HOV - 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2649	29-09-2025	MOVS CONNECTED TO INLET	STREAM HOV - 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2650	29-09-2025	MOVS CONNECTED TO INLET	STREAM HOV - 2 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2651	29-09-2025	MOVS CONNECTED TO INLET	STREAM HOV - 2 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2652	29-09-2025	MS TANK NO 11 TANK TOP	RIM SEAL EAST	Flange	2.1	0.8	100	0.000006	8760	0.054427
2653	29-09-2025	MS TANK NO 11 TANK TOP	RIM SEAL WEST	Flange	1.6	0.8	100	0.000005	8760	0.044956
2654	29-09-2025	MS TANK NO 11 TANK TOP	RIM SEAL NORTH	Flange	1.4	0.8	100	0.000005	8760	0.040928
2655	29-09-2025	MS TANK NO 11 TANK TOP	RIM SEAL SOUTH	Flange	0.9	0.8	100	0.000003	8760	0.030000
2656	29-09-2025	MS TANK NO 11 TANK TOP	DIPHATCH	Flange	1.1	0.8	100	0.000004	8760	0.034546
2657	29-09-2025	MS TANK AREA 12 INSIDE DYKE	RECIRCULATION MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2658	29-09-2025	MS TANK AREA 12 INSIDE DYKE	RECIRCULATION MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2659	29-09-2025	MS TANK AREA 12 INSIDE DYKE	RECIRCULATION BODY	Flange	0.0	0.8	100	0.000000	8760	0.000000
2660	29-09-2025	MS TANK AREA 12 INSIDE DYKE	INLET XZV 5007 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2661	29-09-2025	MS TANK AREA 12 INSIDE DYKE	INLET XZV 5007 DOWN STEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2662	29-09-2025	MS TANK AREA 12 INSIDE DYKE	MINIMUM FLOW HEADER MOV UPSTEAM	Flange	0.2	0.8	100	0.000001	8760	0.010421
2663	29-09-2025	MS TANK AREA 12 INSIDE DYKE	MINIMUM FLOW HEADER MOV DOWNSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2664	29-09-2025	MS TANK AREA 12 INSIDE DYKE	SUMP DRAIN - 1 HOV 1 UPSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2665	29-09-2025	MS TANK AREA 12 INSIDE DYKE	SUMP DRAIN - 1 HOV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2666	29-09-2025	MS TANK AREA 12 INSIDE DYKE	SUMP DRAIN - 1 HOV 2 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2667	29-09-2025	MS TANK AREA 12 INSIDE DYKE	SUMP DRAIN - 1 HOV 2 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2668	29-09-2025	MS TANK AREA 12 INSIDE DYKE	SUMP DRAIN - 1 HOV 3 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2669	29-09-2025	MS TANK AREA 12 INSIDE DYKE	SUMP DRAIN - 1 HOV 3 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2670	29-09-2025	MS TANK AREA 12 INSIDE DYKE	SUMP DRAIN - 2 HOV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2671	29-09-2025	MS TANK AREA 12 INSIDE DYKE	SUMP DRAIN - 2 HOV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2672	29-09-2025	MS TANK AREA 12 INSIDE DYKE	SUMP DRAIN - 2 HOV 2 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2673	29-09-2025	MS TANK AREA 12 INSIDE DYKE	SUMP DRAIN - 2 HOV 2 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2674	29-09-2025	MS TANK AREA 12 INSIDE DYKE	SUMP DRAIN - 2 HOV 3 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2675	29-09-2025	MS TANK AREA 12 INSIDE DYKE	SUMP DRAIN - 2 HOV 3 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2676	29-09-2025	MS TANK AREA 12 INSIDE DYKE	SUMP DRAIN - 3 HOV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2677	29-09-2025	MS TANK AREA 12 INSIDE DYKE	SUMP DRAIN - 3 HOV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2678	29-09-2025	MS TANK AREA 12 INSIDE DYKE	SUMP DRAIN - 3 HOV 2 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2679	29-09-2025	MS TANK AREA 12 INSIDE DYKE	SUMP DRAIN - 3 HOV 2 DOWNSTEAM	Flange	0.2	0.8	100	0.000001	8760	0.010421
2680	29-09-2025	MS TANK AREA 12 INSIDE DYKE	SUMP DRAIN - 3 HOV 3 UPSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2681	29-09-2025	MS TANK AREA 12 INSIDE DYKE	SUMP DRAIN - 3 HOV 3 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2682	29-09-2025	MS TANK AREA 12 INSIDE DYKE	SUMP DRAIN - 4 HOV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2683	29-09-2025	MS TANK AREA 12 INSIDE DYKE	SUMP DRAIN - 4 HOV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2684	29-09-2025	MS TANK AREA 12 INSIDE DYKE	SUMP DRAIN - 4 HOV 2 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2685	29-09-2025	MS TANK AREA 12 INSIDE DYKE	SUMP DRAIN - 4 HOV 2 DOWNSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2686	29-09-2025	MS TANK AREA 12 INSIDE DYKE	SUMP DRAIN - 4 HOV 3 UPSTEAM	Flange	0.2	0.8	100	0.000001	8760	0.010421
2687	29-09-2025	MS TANK AREA 12 INSIDE DYKE	SUMP DRAIN - 4 HOV 3 DOWNSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2688	29-09-2025	MS TANK AREA 12 INSIDE DYKE	PESSURE TRANSMITTER HOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2689	29-09-2025	MS TANK AREA 12 INSIDE DYKE	PESSURE TRANSMITTER HOV DOWN TEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2690	29-09-2025	MS TANK AREA 12 INSIDE DYKE	MAN HOLE - 1	Flange	0.0	0.8	100	0.000000	8760	0.000000
2691	29-09-2025	MS TANK AREA 12 INSIDE DYKE	MAN HOLE - 2	Flange	0.0	0.8	100	0.000000	8760	0.000000
2692	29-09-2025	MS TANK AREA 12 INSIDE DYKE	MAN HOLE - 3	Flange	0.0	0.8	100	0.000000	8760	0.000000
2693	29-09-2025	MS TANK AREA 12 INSIDE DYKE	HEEL STRPING MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2694	29-09-2025	MS TANK AREA 12 INSIDE DYKE	HEEL STRPING MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2695	29-09-2025	MS TANK AREA 12 INSIDE DYKE	OUTLET XZV 5008 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2696	29-09-2025	MS TANK AREA 12 INSIDE DYKE	OUTLET XZV 5008 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2697	29-09-2025	MS TANK AREA 12 INSIDE DYKE	CLEAN OUT DOOR	Flange	0.3	0.8	100	0.000002	8760	0.013858
2698	29-09-2025	OUT SIDE DYKE	INLET HEADER MOV UPSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2699	29-09-2025	OUT SIDE DYKE	INLET HEADER MOV DOWNSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2700	29-09-2025	OUT SIDE DYKE	INLET HEADER PSV UPSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2701	29-09-2025	OUT SIDE DYKE	INLET HEADER PSV DOWNSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2702	29-09-2025	OUT SIDE DYKE	STREAM HOV - 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2703	29-09-2025	OUT SIDE DYKE	STREAM HOV - 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2704	29-09-2025	OUT SIDE DYKE	STREAM HOV - 2 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2705	29-09-2025	OUT SIDE DYKE	STREAM HOV - 2 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2706	29-09-2025	MOVS CONNECTED TO INLET	MOV - 1 UPSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2707	29-09-2025	MOVS CONNECTED TO INLET	MOV - 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2708	29-09-2025	MOVS CONNECTED TO INLET	MS PREMIMUM FROM MS BLENDING UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2709	29-09-2025	MOVS CONNECTED TO INLET	MS PREMIMUM FROM MS BLENDING DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2710	29-09-2025	MOVS CONNECTED TO INLET	MINIMUM FLOW HEADER MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000

2711	29-09-2025	MOVS CONNECTED TO INLET	MINIMUM FLOW HEADER MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2712	29-09-2025	MOVS CONNECTED TO INLET	ITT HEADER HOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2713	29-09-2025	MOVS CONNECTED TO INLET	ITT HEADER HOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2714	29-09-2025	MOVS CONNECTED TO INLET	RECIRCULATION MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2715	29-09-2025	MOVS CONNECTED TO INLET	RECIRCULATION MOV DOWN STEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2716	29-09-2025	MOVS CONNECTED TO INLET	MFA FROM DOSING SKIT MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2717	29-09-2025	MOVS CONNECTED TO INLET	MFA FROM DOSING SKIT MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2718	29-09-2025	MOVS CONNECTED TO INLET	OUTLET HEADER MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2719	29-09-2025	MOVS CONNECTED TO INLET	OUTLET HEADER MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2720	29-09-2025	MOVS CONNECTED TO INLET	OUTLET HEADER PSV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2721	29-09-2025	MOVS CONNECTED TO INLET	OUTLET HEADER PSV DOWNSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2722	29-09-2025	MOVS CONNECTED TO INLET	STREAM HOV - 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2723	29-09-2025	MOVS CONNECTED TO INLET	STREAM HOV - 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2724	29-09-2025	MOVS CONNECTED TO INLET	STREAM HOV - 2 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2725	29-09-2025	MOVS CONNECTED TO INLET	STREAM HOV - 2 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2726	29-09-2025	MS TANK NO 12 TANK TOP	RIM SEAL EAST	Flange	0.1	0.8	100	0.000001	8760	0.006402
2727	29-09-2025	MS TANK NO 12 TANK TOP	RIM SEAL WEST	Flange	1.5	0.8	100	0.000005	8760	0.042962
2728	29-09-2025	MS TANK NO 12 TANK TOP	RIM SEAL NORTH	Flange	1.3	0.8	100	0.000004	8760	0.038851
2729	29-09-2025	MS TANK NO 12 TANK TOP	RIM SEAL SOUTH	Flange	0.9	0.8	100	0.000003	8760	0.030000
2730	29-09-2025	MS TANK NO 12 TANK TOP	DIPHATCH	Flange	0.5	0.8	100	0.000002	8760	0.019846
2731	29-09-2025	MS TANK AREA 13 INSIDE DYKE	RECIRCULATION MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2732	29-09-2025	MS TANK AREA 13 INSIDE DYKE	RECIRCULATION MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2733	29-09-2025	MS TANK AREA 13 INSIDE DYKE	RECIRCULATION BODY	Flange	0.0	0.8	100	0.000000	8760	0.000000
2734	29-09-2025	MS TANK AREA 13 INSIDE DYKE	INLET XZV 5057 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2735	29-09-2025	MS TANK AREA 13 INSIDE DYKE	INLET XZV 5057 DOWN STEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2736	29-09-2025	MS TANK AREA 13 INSIDE DYKE	MINIMUM FLOW HEADER MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2737	29-09-2025	MS TANK AREA 13 INSIDE DYKE	MINIMUM FLOW HEADER MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2738	29-09-2025	MS TANK AREA 13 INSIDE DYKE	SUMP DRAIN - 1 HOV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2739	29-09-2025	MS TANK AREA 13 INSIDE DYKE	SUMP DRAIN - 1 HOV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2740	29-09-2025	MS TANK AREA 13 INSIDE DYKE	SUMP DRAIN - 1 HOV 2 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2741	29-09-2025	MS TANK AREA 13 INSIDE DYKE	SUMP DRAIN - 1 HOV 2 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2742	29-09-2025	MS TANK AREA 13 INSIDE DYKE	SUMP DRAIN - 1 HOV 3 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2743	29-09-2025	MS TANK AREA 13 INSIDE DYKE	SUMP DRAIN - 1 HOV 3 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2744	29-09-2025	MS TANK AREA 13 INSIDE DYKE	SUMP DRAIN - 2 HOV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2745	29-09-2025	MS TANK AREA 13 INSIDE DYKE	SUMP DRAIN - 2 HOV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2746	29-09-2025	MS TANK AREA 13 INSIDE DYKE	SUMP DRAIN - 2 HOV 2 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2747	29-09-2025	MS TANK AREA 13 INSIDE DYKE	SUMP DRAIN - 2 HOV 2 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2748	29-09-2025	MS TANK AREA 13 INSIDE DYKE	SUMP DRAIN - 2 HOV 3 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2749	29-09-2025	MS TANK AREA 13 INSIDE DYKE	SUMP DRAIN - 2 HOV 3 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2750	29-09-2025	MS TANK AREA 13 INSIDE DYKE	SUMP DRAIN - 3 HOV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2751	29-09-2025	MS TANK AREA 13 INSIDE DYKE	SUMP DRAIN - 3 HOV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2752	29-09-2025	MS TANK AREA 13 INSIDE DYKE	SUMP DRAIN - 3 HOV 2 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2753	29-09-2025	MS TANK AREA 13 INSIDE DYKE	SUMP DRAIN - 3 HOV 2 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2754	29-09-2025	MS TANK AREA 13 INSIDE DYKE	SUMP DRAIN - 3 HOV 3 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2755	29-09-2025	MS TANK AREA 13 INSIDE DYKE	SUMP DRAIN - 3 HOV 3 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2756	29-09-2025	MS TANK AREA 13 INSIDE DYKE	SUMP DRAIN - 4 HOV 1 UPSTEAM	Flange	0.2	0.8	100	0.000001	8760	0.010421
2757	29-09-2025	MS TANK AREA 13 INSIDE DYKE	SUMP DRAIN - 4 HOV 1 DOWNSTEAM	Flange	0.2	0.8	100	0.000001	8760	0.010421
2758	29-09-2025	MS TANK AREA 13 INSIDE DYKE	SUMP DRAIN - 4 HOV 2 UPSTEAM	Flange	0.2	0.8	100	0.000001	8760	0.010421
2759	29-09-2025	MS TANK AREA 13 INSIDE DYKE	SUMP DRAIN - 4 HOV 2 DOWNSTEAM	Flange	0.2	0.8	100	0.000001	8760	0.010421
2760	29-09-2025	MS TANK AREA 13 INSIDE DYKE	SUMP DRAIN - 4 HOV 3 UPSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2761	29-09-2025	MS TANK AREA 13 INSIDE DYKE	SUMP DRAIN - 4 HOV 3 DOWNSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2762	29-09-2025	MS TANK AREA 13 INSIDE DYKE	PESSURE TRANSMITTER HOV UPSTEAM	Flange	0.2	0.8	100	0.000001	8760	0.010421
2763	29-09-2025	MS TANK AREA 13 INSIDE DYKE	PESSURE TRANSMITTER HOV DOWN TEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2764	29-09-2025	MS TANK AREA 13 INSIDE DYKE	MAN HOLE - 1	Flange	0.0	0.8	100	0.000000	8760	0.000000
2765	29-09-2025	MS TANK AREA 13 INSIDE DYKE	MAN HOLE - 2	Flange	0.0	0.8	100	0.000000	8760	0.000000
2766	29-09-2025	MS TANK AREA 13 INSIDE DYKE	MAN HOLE - 3	Flange	0.0	0.8	100	0.000000	8760	0.000000
2767	29-09-2025	MS TANK AREA 13 INSIDE DYKE	HEEL STRPING MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2768	29-09-2025	MS TANK AREA 13 INSIDE DYKE	HEEL STRPING MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2769	29-09-2025	MS TANK AREA 13 INSIDE DYKE	OUTLET XZV 5058 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2770	29-09-2025	MS TANK AREA 13 INSIDE DYKE	OUTLET XZV 5058 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2771	29-09-2025	MS TANK AREA 13 INSIDE DYKE	CLEAN OUT DOOR	Flange	0.0	0.8	100	0.000000	8760	0.000000
2772	29-09-2025	OUT SIDE DYKE	INLET HEADER MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2773	29-09-2025	OUT SIDE DYKE	INLET HEADER MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2774	29-09-2025	OUT SIDE DYKE	INLET HEADER PSV UPSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2775	29-09-2025	OUT SIDE DYKE	INLET HEADER PSV DOWNSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2776	29-09-2025	OUT SIDE DYKE	STREAM HOV - 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2777	29-09-2025	OUT SIDE DYKE	STREAM HOV - 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2778	29-09-2025	OUT SIDE DYKE	STREAM HOV - 2 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2779	29-09-2025	OUT SIDE DYKE	STREAM HOV - 2 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2780	29-09-2025	MOVS CONNECTED TO INLET	MOV - 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2781	29-09-2025	MOVS CONNECTED TO INLET	MOV - 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2782	29-09-2025	MOVS CONNECTED TO INLET	MS PREMIMUM FROM MS BLENDING UPSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2783	29-09-2025	MOVS CONNECTED TO INLET	MS PREMIMUM FROM MS BLENDING DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2784	29-09-2025	MOVS CONNECTED TO INLET	MINIMUM FLOW HEADER MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2785	29-09-2025	MOVS CONNECTED TO INLET	MINIMUM FLOW HEADER MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2786	29-09-2025	MOVS CONNECTED TO INLET	ITT HEADER HOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2787	29-09-2025	MOVS CONNECTED TO INLET	ITT HEADER HOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2788	29-09-2025	MOVS CONNECTED TO INLET	RECIRCULATION MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2789	29-09-2025	MOVS CONNECTED TO INLET	RECIRCULATION MOV DOWN STEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2790	29-09-2025	MOVS CONNECTED TO INLET	MFA FROM DOSING SKIT MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2791	29-09-2025	MOVS CONNECTED TO INLET	MFA FROM DOSING SKIT MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2792	29-09-2025	MOVS CONNECTED TO INLET	OUTLET HEADER MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2793	29-09-2025	MOVS CONNECTED TO INLET	OUTLET HEADER MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2794	29-09-2025	MOVS CONNECTED TO INLET	OUTLET HEADER PSV UPSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2795	29-09-2025	MOVS CONNECTED TO INLET	OUTLET HEADER PSV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2796	29-09-2025	MOVS CONNECTED TO INLET	STREAM HOV - 1 UPSTEAM	Flange	0.2	0.8	100	0.000001	8760	0.010421
2797	29-09-2025	MOVS CONNECTED TO INLET	STREAM HOV - 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000

2798	29-09-2025	MOVS CONNECTED TO INLET	STREAM HOV - 2 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2799	29-09-2025	MOVS CONNECTED TO INLET	STREAM HOV - 2 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2800	29-09-2025	MS TANK NO 13 TANK TOP	RIM SEAL EAST	Flange	0.5	0.8	100	0.000002	8760	0.019846
2801	29-09-2025	MS TANK NO 13 TANK TOP	RIM SEAL WEST	Flange	1.9	0.8	100	0.000006	8760	0.050729
2802	29-09-2025	MS TANK NO 13 TANK TOP	RIM SEAL NORTH	Flange	0.2	0.8	100	0.000001	8760	0.010421
2803	29-09-2025	MS TANK NO 13 TANK TOP	RIM SEAL SOUTH	Flange	0.9	0.8	100	0.000003	8760	0.030000
2804	29-09-2025	MS TANK NO 13 TANK TOP	DIPHATCH	Flange	0.0	0.8	100	0.000000	8760	0.000000
2805	29-09-2025	MS TANK AREA 14 INSIDE DYKE	RECIRCULATION MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2806	29-09-2025	MS TANK AREA 14 INSIDE DYKE	RECIRCULATION MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2807	29-09-2025	MS TANK AREA 14 INSIDE DYKE	RECIRCULATION BODY	Flange	0.0	0.8	100	0.000000	8760	0.000000
2808	29-09-2025	MS TANK AREA 14 INSIDE DYKE	INLET XZV UPSTEAM 5059	Flange	0.0	0.8	100	0.000000	8760	0.000000
2809	29-09-2025	MS TANK AREA 14 INSIDE DYKE	INLET XZV DOWN STEAM 5059	Flange	0.0	0.8	100	0.000000	8760	0.000000
2810	29-09-2025	MS TANK AREA 14 INSIDE DYKE	MINIMUM FLOW HEADER MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2811	29-09-2025	MS TANK AREA 14 INSIDE DYKE	MINIMUM FLOW HEADER MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2812	29-09-2025	MS TANK AREA 14 INSIDE DYKE	SUMP DRAIN - 1 HOV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2813	29-09-2025	MS TANK AREA 14 INSIDE DYKE	SUMP DRAIN - 1 HOV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2814	29-09-2025	MS TANK AREA 14 INSIDE DYKE	SUMP DRAIN - 1 HOV 2 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2815	29-09-2025	MS TANK AREA 14 INSIDE DYKE	SUMP DRAIN - 1 HOV 2 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2816	29-09-2025	MS TANK AREA 14 INSIDE DYKE	SUMP DRAIN - 1 HOV 3 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2817	29-09-2025	MS TANK AREA 14 INSIDE DYKE	SUMP DRAIN - 1 HOV 3 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2818	29-09-2025	MS TANK AREA 14 INSIDE DYKE	SUMP DRAIN - 2 HOV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2819	29-09-2025	MS TANK AREA 14 INSIDE DYKE	SUMP DRAIN - 2 HOV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2820	29-09-2025	MS TANK AREA 14 INSIDE DYKE	SUMP DRAIN - 2 HOV 2 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2821	29-09-2025	MS TANK AREA 14 INSIDE DYKE	SUMP DRAIN - 2 HOV 2 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2822	29-09-2025	MS TANK AREA 14 INSIDE DYKE	SUMP DRAIN - 2 HOV 3 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2823	29-09-2025	MS TANK AREA 14 INSIDE DYKE	SUMP DRAIN - 2 HOV 3 DOWNSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2824	29-09-2025	MS TANK AREA 14 INSIDE DYKE	SUMP DRAIN - 3 HOV 1 UPSTEAM	Flange	0.2	0.8	100	0.000001	8760	0.010421
2825	29-09-2025	MS TANK AREA 14 INSIDE DYKE	SUMP DRAIN - 3 HOV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2826	29-09-2025	MS TANK AREA 14 INSIDE DYKE	SUMP DRAIN - 3 HOV 2 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2827	29-09-2025	MS TANK AREA 14 INSIDE DYKE	SUMP DRAIN - 3 HOV 2 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2828	29-09-2025	MS TANK AREA 14 INSIDE DYKE	SUMP DRAIN - 3 HOV 3 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2829	29-09-2025	MS TANK AREA 14 INSIDE DYKE	SUMP DRAIN - 3 HOV 3 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2830	29-09-2025	MS TANK AREA 14 INSIDE DYKE	SUMP DRAIN - 4 HOV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2831	29-09-2025	MS TANK AREA 14 INSIDE DYKE	SUMP DRAIN - 4 HOV 1 DOWNSTEAM	Flange	0.2	0.8	100	0.000001	8760	0.010421
2832	29-09-2025	MS TANK AREA 14 INSIDE DYKE	SUMP DRAIN - 4 HOV 2 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2833	29-09-2025	MS TANK AREA 14 INSIDE DYKE	SUMP DRAIN - 4 HOV 2 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2834	29-09-2025	MS TANK AREA 14 INSIDE DYKE	SUMP DRAIN - 4 HOV 3 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2835	29-09-2025	MS TANK AREA 14 INSIDE DYKE	SUMP DRAIN - 4 HOV 3 DOWNSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2836	29-09-2025	MS TANK AREA 14 INSIDE DYKE	PESSURE TRANSMITTER HOV UPSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2837	29-09-2025	MS TANK AREA 14 INSIDE DYKE	PESSURE TRANSMITTER HOV DOWN TEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2838	29-09-2025	MS TANK AREA 14 INSIDE DYKE	MAN HOLE - 1	Flange	0.0	0.8	100	0.000000	8760	0.000000
2839	29-09-2025	MS TANK AREA 14 INSIDE DYKE	MAN HOLE - 2	Flange	0.0	0.8	100	0.000000	8760	0.000000
2840	29-09-2025	MS TANK AREA 14 INSIDE DYKE	MAN HOLE - 3	Flange	0.0	0.8	100	0.000000	8760	0.000000
2841	29-09-2025	MS TANK AREA 14 INSIDE DYKE	HEEL STRPING MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2842	29-09-2025	MS TANK AREA 14 INSIDE DYKE	HEEL STRPING MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2843	29-09-2025	MS TANK AREA 14 INSIDE DYKE	OUTLET XZV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2844	29-09-2025	MS TANK AREA 14 INSIDE DYKE	OUTLET XZV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2845	29-09-2025	MS TANK AREA 14 INSIDE DYKE	CLEAN OUT DOOR	Flange	0.0	0.8	100	0.000000	8760	0.000000
2846	29-09-2025	OUT SIDE DYKE	INLET HEADER MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2847	29-09-2025	OUT SIDE DYKE	INLET HEADER MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2848	29-09-2025	OUT SIDE DYKE	INLET HEADER PSV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2849	29-09-2025	OUT SIDE DYKE	INLET HEADER PSV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2850	29-09-2025	OUT SIDE DYKE	STREAM HOV - 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2851	29-09-2025	OUT SIDE DYKE	STREAM HOV - 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2852	29-09-2025	OUT SIDE DYKE	STREAM HOV - 2 UPSTEAM	Flange	0.2	0.8	100	0.000001	8760	0.010421
2853	29-09-2025	OUT SIDE DYKE	STREAM HOV - 2 DOWNSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2854	29-09-2025	MOVS CONNECTED TO INLET	MOV - 1 UPSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2855	29-09-2025	MOVS CONNECTED TO INLET	MOV - 1 DOWNSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2856	29-09-2025	MOVS CONNECTED TO INLET	MS PREMIMUM FROM MS BLENDING UPSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2857	29-09-2025	MOVS CONNECTED TO INLET	MS PREMIMUM FROM MS BLENDING DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2858	29-09-2025	MOVS CONNECTED TO INLET	MINIMUM FLOW HEADER MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2859	29-09-2025	MOVS CONNECTED TO INLET	MINIMUM FLOW HEADER MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2860	29-09-2025	MOVS CONNECTED TO INLET	ITT HEADER HOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2861	29-09-2025	MOVS CONNECTED TO INLET	ITT HEADER HOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2862	29-09-2025	MOVS CONNECTED TO INLET	RECIRCULATION MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2863	29-09-2025	MOVS CONNECTED TO INLET	RECIRCULATION MOV DOWN STEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2864	29-09-2025	MOVS CONNECTED TO INLET	MFA FROM DOSING SKIT MOV UPSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2865	29-09-2025	MOVS CONNECTED TO INLET	MFA FROM DOSING SKIT MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2866	29-09-2025	MOVS CONNECTED TO INLET	OUTLET HEADER MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2867	29-09-2025	MOVS CONNECTED TO INLET	OUTLET HEADER MOV DOWNSTEAM	Flange	0.3	0.8	100	0.000002	8760	0.013858
2868	29-09-2025	MOVS CONNECTED TO INLET	OUTLET HEADER PSV UPSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2869	29-09-2025	MOVS CONNECTED TO INLET	OUTLET HEADER PSV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2870	29-09-2025	MOVS CONNECTED TO INLET	STREAM HOV - 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2871	29-09-2025	MOVS CONNECTED TO INLET	STREAM HOV - 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2872	29-09-2025	MOVS CONNECTED TO INLET	STREAM HOV - 2 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2873	29-09-2025	MOVS CONNECTED TO INLET	STREAM HOV - 2 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2874	29-09-2025	MS TANK NO 14 TANK TOP	RIM SEAL EAST	Flange	0.0	0.8	100	0.000000	8760	0.000000
2875	29-09-2025	MS TANK NO 14 TANK TOP	RIM SEAL WEST	Flange	0.0	0.8	100	0.000000	8760	0.000000
2876	29-09-2025	MS TANK NO 14 TANK TOP	RIM SEAL NORTH	Flange	0.0	0.8	100	0.000000	8760	0.000000
2877	29-09-2025	MS TANK NO 14 TANK TOP	RIM SEAL SOUTH	Flange	0.0	0.8	100	0.000000	8760	0.000000
2878	29-09-2025	MS TANK NO 14 TANK TOP	DIPHATCH	Flange	0.0	0.8	100	0.000000	8760	0.000000
2879	29-09-2025	MSR TANK NO 8 INSIDE DYKE	RECIRCULATION MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2880	29-09-2025	MSR TANK NO 8 INSIDE DYKE	RECIRCULATION MOV DOWNSTEAM	Flange	0.2	0.8	100	0.000001	8760	0.010421
2881	29-09-2025	MSR TANK NO 8 INSIDE DYKE	INLET XZV 5088 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2882	29-09-2025	MSR TANK NO 8 INSIDE DYKE	INLET XZV 5088 DOWN STEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2883	29-09-2025	MSR TANK NO 8 INSIDE DYKE	SUMP DRAIN - 1 HOV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2884	29-09-2025	MSR TANK NO 8 INSIDE DYKE	SUMP DRAIN - 1 HOV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000

2885	29-09-2025	MSR TANK NO 8 INSIDE DYKE	SUMP DRAIN - 1 HOV 2 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2886	29-09-2025	MSR TANK NO 8 INSIDE DYKE	SUMP DRAIN - 1 HOV 2 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2887	29-09-2025	MSR TANK NO 8 INSIDE DYKE	SUMP DRAIN - 1 HOV 3 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2888	29-09-2025	MSR TANK NO 8 INSIDE DYKE	SUMP DRAIN - 1 HOV 3 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2889	29-09-2025	MSR TANK NO 8 INSIDE DYKE	SUMP DRAIN - 2 HOV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2890	29-09-2025	MSR TANK NO 8 INSIDE DYKE	SUMP DRAIN - 2 HOV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2891	29-09-2025	MSR TANK NO 8 INSIDE DYKE	SUMP DRAIN - 2 HOV 2 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2892	29-09-2025	MSR TANK NO 8 INSIDE DYKE	SUMP DRAIN - 2 HOV 2 DOWNSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2893	29-09-2025	MSR TANK NO 8 INSIDE DYKE	SUMP DRAIN - 2 HOV 3 UPSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2894	29-09-2025	MSR TANK NO 8 INSIDE DYKE	SUMP DRAIN - 2 HOV 3 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2895	29-09-2025	MSR TANK NO 8 INSIDE DYKE	SUMP DRAIN - 3 HOV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2896	29-09-2025	MSR TANK NO 8 INSIDE DYKE	SUMP DRAIN - 3 HOV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2897	29-09-2025	MSR TANK NO 8 INSIDE DYKE	SUMP DRAIN - 3 HOV 2 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2898	29-09-2025	MSR TANK NO 8 INSIDE DYKE	SUMP DRAIN - 3 HOV 2 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2899	29-09-2025	MSR TANK NO 8 INSIDE DYKE	SUMP DRAIN - 3 HOV 3 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2900	29-09-2025	MSR TANK NO 8 INSIDE DYKE	SUMP DRAIN - 3 HOV 3 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2901	29-09-2025	MSR TANK NO 8 INSIDE DYKE	SUMP DRAIN - 4 HOV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2902	29-09-2025	MSR TANK NO 8 INSIDE DYKE	SUMP DRAIN - 4 HOV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2903	29-09-2025	MSR TANK NO 8 INSIDE DYKE	SUMP DRAIN - 4 HOV 2 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2904	29-09-2025	MSR TANK NO 8 INSIDE DYKE	SUMP DRAIN - 4 HOV 2 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2905	29-09-2025	MSR TANK NO 8 INSIDE DYKE	SUMP DRAIN - 4 HOV 3 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2906	29-09-2025	MSR TANK NO 8 INSIDE DYKE	SUMP DRAIN - 4 HOV 3 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2907	29-09-2025	MSR TANK NO 8 INSIDE DYKE	PESSURE TRANSMITTER HOV UPSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2908	29-09-2025	MSR TANK NO 8 INSIDE DYKE	PESSURE TRANSMITTER HOV DOWN TEAM	Flange	0.5	0.8	100	0.000002	8760	0.019846
2909	29-09-2025	MSR TANK NO 8 INSIDE DYKE	MAN HOLE - 1	Flange	0.2	0.8	100	0.000001	8760	0.010421
2910	29-09-2025	MSR TANK NO 8 INSIDE DYKE	MAN HOLE - 2	Flange	0.1	0.8	100	0.000001	8760	0.006402
2911	29-09-2025	MSR TANK NO 8 INSIDE DYKE	MAN HOLE - 3	Flange	0.0	0.8	100	0.000000	8760	0.000000
2912	29-09-2025	MSR TANK NO 8 INSIDE DYKE	HEEL STRPING MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2913	29-09-2025	MSR TANK NO 8 INSIDE DYKE	HEEL STRPING MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2914	29-09-2025	MSR TANK NO 8 INSIDE DYKE	OUTLET XZV 5056 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2915	29-09-2025	MSR TANK NO 8 INSIDE DYKE	OUTLET XZV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2916	29-09-2025	MSR TANK NO 8 INSIDE DYKE	CLEAN OUT DOOR	Flange	0.0	0.8	100	0.000000	8760	0.000000
2917	29-09-2025	MSR TANK NO 8 INSIDE DYKE	INLET HEADER MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2918	29-09-2025	MSR TANK NO 8 INSIDE DYKE	INLET HEADER MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2919	29-09-2025	MSR TANK NO 8 INSIDE DYKE	INLET HEADER MOV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2920	29-09-2025	MSR TANK NO 8 INSIDE DYKE	INLET HEADER MOV 1 DOWNSTEAM	Flange	0.3	0.8	100	0.000002	8760	0.013858
2921	29-09-2025	MSR TANK NO 8 INSIDE DYKE	INLET HEADER MOV 2 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2922	29-09-2025	MSR TANK NO 8 INSIDE DYKE	INLET HEADER MOV 2 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2923	29-09-2025	MSR TANK NO 8 INSIDE DYKE	INLET HEADER MOV 3 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2924	29-09-2025	MSR TANK NO 8 INSIDE DYKE	INLET HEADER MOV 3 DOWNSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2925	29-09-2025	MSR TANK NO 8 INSIDE DYKE	MINIMUM FLOW HEADER MOV UPSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2926	29-09-2025	MSR TANK NO 8 INSIDE DYKE	MINIMUM FLOW HEADER MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2927	29-09-2025	MSR TANK NO 8 INSIDE DYKE	RECIRCULATION HEADER MOV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2928	29-09-2025	MSR TANK NO 8 INSIDE DYKE	RECIRCULATION HEADER MOV 1 DOWN STEAM	Flange	0.2	0.8	100	0.000001	8760	0.010421
2929	29-09-2025	MSR TANK NO 8 INSIDE DYKE	RECIRCULATION HEADER MOV 2 UPSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2930	29-09-2025	MSR TANK NO 8 INSIDE DYKE	RECIRCULATION HEADER MOV 2 DOWN STEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2931	29-09-2025	MSR TANK NO 8 INSIDE DYKE	RECIRCULATION HEADER MOV 3 UPSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2932	29-09-2025	MSR TANK NO 8 INSIDE DYKE	RECIRCULATION HEADER MOV 3 DOWN STEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2933	29-09-2025	MSR TANK NO 8 INSIDE DYKE	OUTLET HEADER MOV UPSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2934	29-09-2025	MSR TANK NO 8 INSIDE DYKE	OUTLET HEADER MOV DOWNSTEAM	Flange	0.4	0.8	100	0.000002	8760	0.016965
2935	29-09-2025	MSR TANK NO 8 INSIDE DYKE	PUMP 04 AB SUCTION HEADER UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2936	29-09-2025	MSR TANK NO 8 INSIDE DYKE	PUMP 04 AB SUCTION HEADER DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2937	29-09-2025	MSR TANK NO 8 INSIDE DYKE	PUMP 25 AB 1 SUCTION HEADER UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2938	29-09-2025	MSR TANK NO 8 INSIDE DYKE	PUMP 25 AB 1 AB SUCTION HEADER DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2939	29-09-2025	MSR TANK NO 8 INSIDE DYKE	PUMP 25 AB 2 SUCTION HEADER UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2940	29-09-2025	MSR TANK NO 8 INSIDE DYKE	PUMP 25 AB 2 AB SUCTION HEADER DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2941	29-09-2025	MSR TANK NO 8 INSIDE DYKE	PUMP 03 ABC SUCTION HEADER UPSTEAM	Flange	0.2	0.8	100	0.000001	8760	0.010421
2942	29-09-2025	MSR TANK NO 8 INSIDE DYKE	PUMP 03 ABC SUCTION HEADER DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2943	29-09-2025	MSR TANK NO 8 INSIDE DYKE	MS REGULAR FROM NAPTHA END	Flange	0.1	0.8	100	0.000001	8760	0.006402
2944	29-09-2025	MSR TANK NO 8 INSIDE DYKE	INLET HEADER PSV UPSTEAM	Flange	0.2	0.8	100	0.000001	8760	0.010421
2945	29-09-2025	MSR TANK NO 8 INSIDE DYKE	INLET HEADER PSV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2946	29-09-2025	MSR TANK NO 8 INSIDE DYKE	STREAM HOV - 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2947	29-09-2025	MSR TANK NO 8 INSIDE DYKE	STREAM HOV - 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2948	29-09-2025	MSR TANK NO 8 INSIDE DYKE	STREAM HOV - 2 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2949	29-09-2025	MSR TANK NO 8 INSIDE DYKE	STREAM HOV - 2 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2950	29-09-2025	MSR TANK NO 8 INSIDE DYKE	OUTLET HEADER PSV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2951	29-09-2025	MSR TANK NO 8 INSIDE DYKE	OUTLET HEADER PSV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2952	29-09-2025	MSR TANK NO 8 INSIDE DYKE	STREAM HOV - 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2953	29-09-2025	MSR TANK NO 8 INSIDE DYKE	STREAM HOV - 1 DOWNSTEAM	Flange	0.9	0.8	100	0.000003	8760	0.030000
2954	29-09-2025	MSR TANK NO 8 INSIDE DYKE	OTHER PSVS	Flange	0.0	0.8	100	0.000000	8760	0.000000
2955	29-09-2025	MSR TANK NO 8 INSIDE DYKE	OTHER PSVS	Flange	0.0	0.8	100	0.000000	8760	0.000000
2956	29-09-2025	MSR TANK NO 8 INSIDE DYKE	OTHER PSVS	Flange	0.0	0.8	100	0.000000	8760	0.000000
2957	29-09-2025	MSR TANK NO 8 INSIDE DYKE	OTHER PSVS	Flange	0.0	0.8	100	0.000000	8760	0.000000
2958	29-09-2025	MSR TANK NO 8 INSIDE DYKE	OTHER PSVS	Flange	0.0	0.8	100	0.000000	8760	0.000000
2959	29-09-2025	MSR TANK NO 8 INSIDE DYKE	OTHER PSVS	Flange	0.0	0.8	100	0.000000	8760	0.000000
2960	29-09-2025	MSR TANK NO 8 INSIDE DYKE	OTHER PSVS	Flange	0.0	0.8	100	0.000000	8760	0.000000
2961	29-09-2025	MSR TANK NO 8 INSIDE DYKE	OTHER PSVS	Flange	0.0	0.8	100	0.000000	8760	0.000000
2962	29-09-2025	MSR TANK NO 8 INSIDE DYKE	OTHER PSVS	Flange	0.0	0.8	100	0.000000	8760	0.000000
2963	29-09-2025	MSR TANK NO 8 INSIDE DYKE	OTHER PSVS	Flange	0.0	0.8	100	0.000000	8760	0.000000
2964	29-09-2025	MSR TANK NO 8 INSIDE DYKE	STREAM HOVS	Flange	0.0	0.8	100	0.000000	8760	0.000000
2965	29-09-2025	MSR TANK NO 8 INSIDE DYKE	STREAM HOVS	Flange	0.0	0.8	100	0.000000	8760	0.000000
2966	29-09-2025	MSR TANK NO 8 INSIDE DYKE	STREAM HOVS	Flange	0.2	0.8	100	0.000001	8760	0.010421
2967	29-09-2025	MSR TANK NO 8 INSIDE DYKE	STREAM HOVS	Flange	0.1	0.8	100	0.000001	8760	0.006402
2968	29-09-2025	MSR TANK NO 8 INSIDE DYKE	STREAM HOVS	Flange	0.0	0.8	100	0.000000	8760	0.000000
2969	29-09-2025	MSR TANK NO 8 INSIDE DYKE	STREAM HOVS	Flange	0.0	0.8	100	0.000000	8760	0.000000
2970	29-09-2025	MSR TANK NO 8 INSIDE DYKE	STREAM HOVS	Flange	0.0	0.8	100	0.000000	8760	0.000000
2971	29-09-2025	MSR TANK NO 8 INSIDE DYKE	STREAM HOVS	Flange	0.0	0.8	100	0.000000	8760	0.000000

2972	29-09-2025	MSR TANK NO 8 INSIDE DYKE	STREAM HOVS	Flange	0.0	0.8	100	0.000000	8760	0.000000
2973	29-09-2025	MSR TANK NO 8 INSIDE DYKE	STREAM HOVS	Flange	0.0	0.8	100	0.000000	8760	0.000000
2974	29-09-2025	MSR TANK NO 8 TANK TOP	RIM SEAL EAST	Flange	0.0	0.8	100	0.000000	8760	0.000000
2975	29-09-2025	MSR TANK NO 8 TANK TOP	RIM SEAL WEST	Flange	0.0	0.8	100	0.000000	8760	0.000000
2976	29-09-2025	MSR TANK NO 8 TANK TOP	RIM SEAL NORTH	Flange	0.1	0.8	100	0.000001	8760	0.006402
2977	29-09-2025	MSR TANK NO 8 TANK TOP	RIM SEAL SOUTH	Flange	0.0	0.8	100	0.000000	8760	0.000000
2978	29-09-2025	MSR TANK NO 8 TANK TOP	DIPHATCH	Flange	0.0	0.8	100	0.000000	8760	0.000000
2979	29-09-2025	MS DOSING TANK 205-TK-100	OUTLET HOV UP STEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2980	29-09-2025	MS DOSING TANK 205-TK-100	OUTLET HOV DOWN STEAM	Flange	0.7	0.8	100	0.000003	8760	0.025142
2981	29-09-2025	MS DOSING TANK 205-TK-100	INLET HOV UP STEAM	Flange	0.7	0.8	100	0.000003	8760	0.025142
2982	29-09-2025	MS DOSING TANK 205-TK-100	INLET HOV DOWN STEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2983	29-09-2025	MS DOSING TANK 205-TK-100	LEVEL GAUGE HOV 1 UP STEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2984	29-09-2025	MS DOSING TANK 205-TK-100	LEVEL GAUGE HOV 1DOWN STEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2985	29-09-2025	MS DOSING TANK 205-TK-100	LEVEL GAUGE HOV 2 UP STEAM	Flange	0.4	0.8	100	0.000002	8760	0.016965
2986	29-09-2025	MS DOSING TANK 205-TK-100	LEVEL GAUGE HOV 2 DOWN STEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
2987	29-09-2025	MS DOSING TANK 205-TK-100	PT GAUGE&DRAIN LEVEL HOV 1 UP STEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2988	29-09-2025	MS DOSING TANK 205-TK-100	PT GAUGE&DRAIN LEVEL HOV 1 DOWN STEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2989	29-09-2025	MS DOSING TANK 205-TK-100	PT GAUGE&DRAIN LEVEL HOV 2 UP STEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2990	29-09-2025	MS DOSING TANK 205-TK-100	PT GAUGE&DRAIN LEVEL HOV 2 DOWN STEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2991	29-09-2025	MS DOSING TANK 205-TK-100	PT GAUGE&DRAIN LEVEL HOV 3 UP STEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2992	29-09-2025	MS DOSING TANK 205-TK-100	PT GAUGE&DRAIN LEVEL HOV 3 DOWN STEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2993	29-09-2025	MS DOSING TANK 205-TK-101	OUTLET HOV UP STEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2994	29-09-2025	MS DOSING TANK 205-TK-101	OUTLET HOV DOWN STEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2995	29-09-2025	MS DOSING TANK 205-TK-101	INLET HOV UP STEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2996	29-09-2025	MS DOSING TANK 205-TK-101	INLET HOV DOWN STEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2997	29-09-2025	MS DOSING TANK 205-TK-101	LEVEL GAUGE HOV 1 UP STEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2998	29-09-2025	MS DOSING TANK 205-TK-101	LEVEL GAUGE HOV 1DOWN STEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
2999	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 A	PUMP SUCTION MOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3000	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 A	PUMP SUCTION MOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3001	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 A	PUMP SUCTION MOV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3002	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 A	PUMP SUCTION MOV 2 DOWNSTEAM	Flange	0.5	1	100	0.000003	8760	0.024807
3003	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 A	SUCTION STRAINER	Flange	0.0	1	100	0.000000	8760	0.000000
3004	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 A	STRAINER HOV - 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3005	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 A	STRAINER HOV - 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3006	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 A	PUMP SUCTION DISCHARGE HOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3007	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 A	PUMP SUCTION DISCHARGE HOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3008	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 A	NRV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3009	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 A	NRV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3010	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 A	DISCHARGE LINE DRAIN HOV UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3011	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 A	DISCHARGE LINE DRAIN HOV DOWNSTEAM	Flange	0.5	1	100	0.000003	8760	0.024807
3012	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 A	DISCHARGE LINE DRAIN MOV 1 UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3013	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 A	DISCHARGE LINE DRAIN MOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3014	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 A	DISCHARGE LINE DRAIN MOV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3015	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 A	DISCHARGE LINE DRAIN MOV 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3016	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 A	FCV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3017	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 A	FCV 1 DOWNSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
3018	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 A	HOV 1 UPSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
3019	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 A	HOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3020	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 A	HOV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3021	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 A	HOV 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3022	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 A	HOV 3 UPSTEAM	Flange	0.4	1	100	0.000002	8760	0.021206
3023	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 A	HOV 3 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3024	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 B	PUMP SUCTION MOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3025	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 B	PUMP SUCTION MOV 1 DOWNSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
3026	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 B	PUMP SUCTION MOV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3027	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 B	PUMP SUCTION MOV 2 DOWNSTEAM	Flange	0.3	1	100	0.000002	8760	0.017323
3028	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 B	SUCTION STRAINER	Flange	0.1	1	100	0.000001	8760	0.008002
3029	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 B	STRAINER HOV - 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3030	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 B	STRAINER HOV - 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3031	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 B	PUMP SUCTION DISCHARGE HOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3032	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 B	PUMP SUCTION DISCHARGE HOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3033	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 B	NRV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3034	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 B	NRV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3035	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 B	DISCHARGE LINE DRAIN HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3036	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 B	DISCHARGE LINE DRAIN HOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3037	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 B	DISCHARGE LINE DRAIN MOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3038	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 B	DISCHARGE LINE DRAIN MOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3039	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 B	DISCHARGE LINE DRAIN MOV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3040	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 B	DISCHARGE LINE DRAIN MOV 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3041	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 C	PUMP SUCTION MOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3042	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 C	PUMP SUCTION MOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3043	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 C	PUMP SUCTION MOV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3044	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 C	PUMP SUCTION MOV 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3045	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 C	SUCTION STRAINER	Flange	0.2	1	100	0.000001	8760	0.013027
3046	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 C	STRAINER HOV - 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3047	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 C	STRAINER HOV - 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3048	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 C	PUMP SUCTION DISCHARGE HOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3049	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 C	PUMP SUCTION DISCHARGE HOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3050	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 C	NRV 1 UPSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
3051	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 C	NRV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3052	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 C	DISCHARGE LINE DRAIN HOV UPSTEAM	Flange	0.7	1	100	0.000004	8760	0.031427
3053	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 C	DISCHARGE LINE DRAIN HOV DOWNSTEAM	Flange	0.4	1	100	0.000002	8760	0.021206
3054	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 C	DISCHARGE LINE DRAIN MOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3055	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 C	DISCHARGE LINE DRAIN MOV 1 DOWNSTEAM	Flange	0.3	1	100	0.000002	8760	0.017323
3056	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 C	DISCHARGE LINE DRAIN MOV 2 UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3057	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 C	DISCHARGE LINE DRAIN MOV 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3058	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 D	PUMP SUCTION MOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000

3059	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 D	PUMP SUCTION MOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3060	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 D	PUMP SUCTION MOV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3061	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 D	PUMP SUCTION MOV 2 DOWNSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
3062	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 D	SUCTION STRAINER	Flange	0.1	1	100	0.000001	8760	0.008002
3063	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 D	STRAINER HOV - 1 UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3064	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 D	STRAINER HOV - 1 DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3065	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 D	PUMP SUCTION DISCHARGE HOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3066	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 D	PUMP SUCTION DISCHARGE HOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3067	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 D	NRV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3068	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 D	NRV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3069	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 D	DISCHARGE LINE DRAIN HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3070	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 D	DISCHARGE LINE DRAIN HOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3071	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 D	DISCHARGE LINE DRAIN MOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3072	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 D	DISCHARGE LINE DRAIN MOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3073	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 D	DISCHARGE LINE DRAIN MOV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3074	29-09-2025	NAPTHA PUMP HOUSE 2 - 205 PM - 002 D	DISCHARGE LINE DRAIN MOV 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3075	29-09-2025	PIG LANGER NAPTHA LINE	MOV-1- UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3076	29-09-2025	PIG LANGER NAPTHA LINE	MOV-1- DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3077	29-09-2025	PIG LANGER NAPTHA LINE	XZV 0084 UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3078	29-09-2025	PIG LANGER NAPTHA LINE	XZV 0084 DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3079	29-09-2025	PIG LANGER NAPTHA LINE	PSV LINE FLANGES	Flange	0.0	1	100	0.000000	8760	0.000000
3080	29-09-2025	PIG LANGER NAPTHA LINE	PSV LINE FLANGES	Flange	0.0	1	100	0.000000	8760	0.000000
3081	29-09-2025	PIG LANGER NAPTHA LINE	PSV LINE FLANGES	Flange	0.0	1	100	0.000000	8760	0.000000
3082	29-09-2025	PIG LANGER NAPTHA LINE	PSV LINE FLANGES	Flange	0.0	1	100	0.000000	8760	0.000000
3083	29-09-2025	PIG LANGER NAPTHA LINE	PSV LINE FLANGES	Flange	0.0	1	100	0.000000	8760	0.000000
3084	29-09-2025	PIG LANGER NAPTHA LINE	MOV-3- UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3085	29-09-2025	PIG LANGER NAPTHA LINE	MOV-3- DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3086	29-09-2025	PIG LANGER NAPTHA LINE	DRAIN LINE FLANGES	Flange	0.1	1	100	0.000001	8760	0.008002
3087	29-09-2025	BY PASS LINE	MOV-1- UP STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3088	29-09-2025	BY PASS LINE	MOV-1- DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3089	29-09-2025	BY PASS LINE	MOV-2- UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3090	29-09-2025	BY PASS LINE	MOV-2- DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3091	29-09-2025	MSP LINE	MOV-1- UP STEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3092	29-09-2025	MSP LINE	MOV-1- DOWN STEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3093	29-09-2025	MSP LINE	XZV 0081 UP STEAM	Flange	0.2	0.8	100	0.000001	8760	0.010421
3094	29-09-2025	MSP LINE	XZV 0081 DOWN STEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3095	29-09-2025	MSP LINE	PSV LINE FLANGES	Flange	0.0	0.8	100	0.000000	8760	0.000000
3096	29-09-2025	MSP LINE	PSV LINE FLANGES	Flange	0.0	0.8	100	0.000000	8760	0.000000
3097	29-09-2025	MSP LINE	PSV LINE FLANGES	Flange	0.0	0.8	100	0.000000	8760	0.000000
3098	29-09-2025	MSP LINE	PSV LINE FLANGES	Flange	0.1	0.8	100	0.000001	8760	0.006402
3099	29-09-2025	MSP LINE	PSV LINE FLANGES	Flange	0.0	0.8	100	0.000000	8760	0.000000
3100	29-09-2025	MSP LINE	MOV-3- UP STEAM(205-MOV-0529)	Flange	0.0	0.8	100	0.000000	8760	0.000000
3101	29-09-2025	MSP LINE	MOV-3- DOWN STEAM(205-MOV-0529)	Flange	0.0	0.8	100	0.000000	8760	0.000000
3102	29-09-2025	MSP LINE	DRAIN LINE FLANGES	Flange	0.1	0.8	100	0.000001	8760	0.006402
3103	29-09-2025	BY PASS LINE	MOV-1- UP STEAM(205-MOV-0528)	Flange	0.0	1	100	0.000000	8760	0.000000
3104	29-09-2025	BY PASS LINE	MOV-1- DOWN STEAM(205-MOV-0528)	Flange	0.0	1	100	0.000000	8760	0.000000
3105	29-09-2025	BY PASS LINE	MOV-2- UP STEAM(205-MOV-0530)	Flange	0.0	1	100	0.000000	8760	0.000000
3106	29-09-2025	BY PASS LINE	MOV-2- DOWN STEAM(205-MOV-0530)	Flange	0.0	1	100	0.000000	8760	0.000000
3107	29-09-2025	PARAXYLENE LINE	MOV-1- UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3108	29-09-2025	PARAXYLENE LINE	MOV-1- DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3109	29-09-2025	PARAXYLENE LINE	XZV 0071 UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3110	29-09-2025	PARAXYLENE LINE	XZV 0071 DOWN STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3111	29-09-2025	PARAXYLENE LINE	PSV LINE FLANGES	Flange	0.0	1	100	0.000000	8760	0.000000
3112	29-09-2025	PARAXYLENE LINE	PSV LINE FLANGES	Flange	0.0	1	100	0.000000	8760	0.000000
3113	29-09-2025	PARAXYLENE LINE	PSV LINE FLANGES	Flange	0.0	1	100	0.000000	8760	0.000000
3114	29-09-2025	PARAXYLENE LINE	PSV LINE FLANGES	Flange	0.0	1	100	0.000000	8760	0.000000
3115	29-09-2025	PARAXYLENE LINE	PSV LINE FLANGES	Flange	0.0	1	100	0.000000	8760	0.000000
3116	29-09-2025	PARAXYLENE LINE	MOV-3- UP STEAM(205-MOV-0499)	Flange	0.2	1	100	0.000001	8760	0.013027
3117	29-09-2025	PARAXYLENE LINE	MOV-3- DOWN STEAM(205-MOV-0499)	Flange	0.0	1	100	0.000000	8760	0.000000
3118	29-09-2025	PARAXYLENE LINE	DRAIN LINE FLANGES	Flange	0.0	1	100	0.000000	8760	0.000000
3119	29-09-2025	PARAXYLENE LINE	MOV-1- UP STEAM(205-MOV-0203)	Flange	0.0	1	100	0.000000	8760	0.000000
3120	29-09-2025	PARAXYLENE LINE	MOV-1- DOWN STEAM(205-MOV-0203)	Flange	0.0	1	100	0.000000	8760	0.000000
3121	29-09-2025	PARAXYLENE LINE	MOV-2- UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3122	29-09-2025	PARAXYLENE LINE	MOV-2- DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3123	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005A	PUMP SUCTION MOV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3124	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005A	PUMP SUCTION MOV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3125	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005A	SUCTION STRAINER	Flange	0.0	0.8	100	0.000000	8760	0.000000
3126	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005A	STRAINER HOV - 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3127	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005A	STRAINER HOV - 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3128	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005A	NRV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3129	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005A	NRV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3130	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005A	DISCHARGE LINE DRAIN HOV UPSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
3131	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005A	DISCHARGE LINE DRAIN HOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3132	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005A	DISCHARGE LINE DRAIN MOV UPSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
3133	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005A	DISCHARGE LINE DRAIN MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3134	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005A	PUMP SUCTION DISCHARGE HOV 1 UPSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
3135	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005A	PUMP SUCTION DISCHARGE HOV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3136	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005B	PUMP SUCTION MOV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3137	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005B	PUMP SUCTION MOV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3138	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005B	SUCTION STRAINER	Flange	0.0	0.8	100	0.000000	8760	0.000000
3139	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005B	STRAINER HOV - 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3140	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005B	STRAINER HOV - 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3141	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005B	NRV 1 UPSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
3142	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005B	NRV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3143	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005B	DISCHARGE LINE DRAIN HOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3144	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005B	DISCHARGE LINE DRAIN HOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3145	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005B	DISCHARGE LINE DRAIN MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000

3146	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005B	DISCHARGE LINE DRAIN MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3147	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005B	PUMP SUCTION DISCHARGE HOV 1 UPSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
3148	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005B	PUMP SUCTION DISCHARGE HOV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3149	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005C	PUMP SUCTION MOV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3150	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005C	PUMP SUCTION MOV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3151	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005C	SUCTION STRAINER	Flange	0.0	0.8	100	0.000000	8760	0.000000
3152	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005C	STRAINER HOV - 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3153	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005C	STRAINER HOV - 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3154	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005C	NRV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3155	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005C	NRV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3156	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005C	DISCHARGE LINE DRAIN HOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3157	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005C	DISCHARGE LINE DRAIN HOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3158	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005C	PUMP SUCTION DISCHARGE HOV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3159	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 005C	PUMP SUCTION DISCHARGE HOV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3160	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 025A	PUMP SUCTION MOV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3161	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 025A	PUMP SUCTION MOV 1 DOWNSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
3162	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 025A	SUCTION STRAINER	Flange	0.0	0.8	100	0.000000	8760	0.000000
3163	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 025A	STRAINER HOV - 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3164	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 025A	STRAINER HOV - 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3165	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 025A	NRV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3166	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 025A	NRV 1 DOWNSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
3167	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 025A	DISCHARGE LINE DRAIN HOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3168	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 025A	DISCHARGE LINE DRAIN HOV DOWNSTEAM	Flange	0.7	0.8	100	0.000003	8760	0.025142
3169	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 025A	DISCHARGE LINE DRAIN MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3170	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 025A	DISCHARGE LINE DRAIN MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3171	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 025A	PUMP SUCTION DISCHARGE HOV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3172	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 025A	PUMP SUCTION DISCHARGE HOV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3173	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 025B	PUMP SUCTION MOV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3174	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 025B	PUMP SUCTION MOV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3175	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 025B	SUCTION STRAINER	Flange	0.2	0.8	100	0.000001	8760	0.010421
3176	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 025B	STRAINER HOV - 1 UPSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
3177	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 025B	STRAINER HOV - 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3178	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 025B	DISCHARGE LINE DRAIN HOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3179	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 025B	DISCHARGE LINE DRAIN HOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3180	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 025B	DISCHARGE LINE DRAIN MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3181	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 025B	DISCHARGE LINE DRAIN MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3182	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 025B	PUMP SUCTION DISCHARGE HOV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3183	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 025B	PUMP SUCTION DISCHARGE HOV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3184	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 004A	PUMP SUCTION MOV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3185	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 004A	PUMP SUCTION MOV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3186	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 004A	SUCTION STRAINER	Flange	0.0	0.8	100	0.000000	8760	0.000000
3187	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 004A	STRAINER HOV - 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3188	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 004A	STRAINER HOV - 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3189	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 004A	NRV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3190	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 004A	NRV 1 DOWNSTEAM	Flange	0.9	0.8	100	0.000003	8760	0.030000
3191	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 004A	DISCHARGE LINE DRAIN HOV UPSTEAM	Flange	0.2	0.8	100	0.000001	8760	0.010421
3192	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 004A	DISCHARGE LINE DRAIN HOV DOWNSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
3193	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 004A	DISCHARGE LINE DRAIN MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3194	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 004A	DISCHARGE LINE DRAIN MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3195	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 004A	PUMP SUCTION DISCHARGE HOV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3196	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 004A	PUMP SUCTION DISCHARGE HOV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3197	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 004B	PUMP SUCTION MOV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3198	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 004B	PUMP SUCTION MOV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3199	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 004B	SUCTION STRAINER	Flange	0.0	0.8	100	0.000000	8760	0.000000
3200	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 004B	STRAINER HOV - 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3201	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 004B	STRAINER HOV - 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3202	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 004B	NRV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3203	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 004B	NRV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3204	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 004B	DISCHARGE LINE DRAIN HOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3205	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 004B	DISCHARGE LINE DRAIN HOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3206	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 004B	DISCHARGE LINE DRAIN MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3207	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 004B	DISCHARGE LINE DRAIN MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3208	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 004B	PUMP SUCTION DISCHARGE HOV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3209	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 004B	PUMP SUCTION DISCHARGE HOV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3210	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003A	PUMP SUCTION MOV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3211	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003A	PUMP SUCTION MOV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3212	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003A	SUCTION STRAINER	Flange	0.0	0.8	100	0.000000	8760	0.000000
3213	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003A	STRAINER HOV - 1 UPSTEAM	Flange	0.2	0.8	100	0.000001	8760	0.010421
3214	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003A	STRAINER HOV - 1 DOWNSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
3215	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003A	NRV 1 UPSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
3216	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003A	NRV 1 DOWNSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
3217	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003A	DISCHARGE LINE DRAIN HOV UPSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
3218	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003A	DISCHARGE LINE DRAIN HOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3219	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003A	DISCHARGE LINE DRAIN MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3220	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003A	DISCHARGE LINE DRAIN MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3221	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003A	PUMP SUCTION DISCHARGE HOV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3222	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003A	PUMP SUCTION DISCHARGE HOV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3223	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003B	PUMP SUCTION MOV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3224	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003B	PUMP SUCTION MOV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3225	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003B	SUCTION STRAINER	Flange	0.0	0.8	100	0.000000	8760	0.000000
3226	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003B	STRAINER HOV - 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3227	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003B	STRAINER HOV - 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3228	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003B	NRV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3229	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003B	NRV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3230	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003B	DISCHARGE LINE DRAIN HOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3231	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003B	DISCHARGE LINE DRAIN HOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3232	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003B	DISCHARGE LINE DRAIN MOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000

3233	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003B	DISCHARGE LINE DRAIN MOV DOWNSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
3234	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003B	PUMP SUCTION DISCHARGE HOV 1 UPSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
3235	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003B	PUMP SUCTION DISCHARGE HOV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3236	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003C	PUMP SUCTION MOV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3237	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003C	PUMP SUCTION MOV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3238	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003C	SUCTION STRAINER	Flange	0.0	0.8	100	0.000000	8760	0.000000
3239	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003C	STRAINER HOV - 1 UPSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
3240	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003C	STRAINER HOV - 1 DOWNSTEAM	Flange	0.2	0.8	100	0.000001	8760	0.010421
3241	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003C	NRV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3242	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003C	NRV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3243	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003C	DISCHARGE LINE DRAIN HOV UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3244	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003C	DISCHARGE LINE DRAIN HOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3245	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003C	DISCHARGE LINE DRAIN MOV UPSTEAM	Flange	0.1	0.8	100	0.000001	8760	0.006402
3246	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003C	DISCHARGE LINE DRAIN MOV DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3247	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003C	PUMP SUCTION DISCHARGE HOV 1 UPSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3248	27-09-2025	PRODUCT PUMP HOUSE - 3 MSP/MSR 205 PM 003C	PUMP SUCTION DISCHARGE HOV 1 DOWNSTEAM	Flange	0.0	0.8	100	0.000000	8760	0.000000
3249	27-09-2025	FLOW CONTROL VALVE EAST SIDE OF PH03	FCV 1 UPSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
3250	27-09-2025	FLOW CONTROL VALVE EAST SIDE OF PH03	FCV 1 DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3251	27-09-2025	FLOW CONTROL VALVE EAST SIDE OF PH03	HOV 1 UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3252	27-09-2025	FLOW CONTROL VALVE EAST SIDE OF PH03	HOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3253	27-09-2025	FLOW CONTROL VALVE EAST SIDE OF PH03	HOV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3254	27-09-2025	FLOW CONTROL VALVE EAST SIDE OF PH03	HOV 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3255	27-09-2025	FLOW CONTROL VALVE EAST SIDE OF PH03	HOV 3 UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3256	27-09-2025	FLOW CONTROL VALVE EAST SIDE OF PH03	HOV 3 DOWNSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
3257	27-09-2025	FLOW CONTROL VALVE WEST SIDE OF PH03	FCV 1 UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3258	27-09-2025	FLOW CONTROL VALVE WEST SIDE OF PH03	FCV 1 DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3259	27-09-2025	FLOW CONTROL VALVE WEST SIDE OF PH03	HOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3260	27-09-2025	FLOW CONTROL VALVE WEST SIDE OF PH03	HOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3261	27-09-2025	FLOW CONTROL VALVE WEST SIDE OF PH03	HOV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3262	27-09-2025	FLOW CONTROL VALVE WEST SIDE OF PH03	HOV 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3263	27-09-2025	FLOW CONTROL VALVE WEST SIDE OF PH03	HOV 3 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3264	27-09-2025	FLOW CONTROL VALVE WEST SIDE OF PH03	HOV 3 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3265	27-09-2025	DOSING SHED BRANCHES 205 PM 041A	SUCTION HOV 1 UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3266	27-09-2025	DOSING SHED BRANCHES 205 PM 041A	SUCTION HOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3267	27-09-2025	DOSING SHED BRANCHES 205 PM 041A	SUCTION HOV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3268	27-09-2025	DOSING SHED BRANCHES 205 PM 041A	SUCTION HOV 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3269	27-09-2025	DOSING SHED BRANCHES 205 PM 041A	PUMP SUCTION DISCHARGE UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3270	27-09-2025	DOSING SHED BRANCHES 205 PM 041A	PUMP SUCTION DISCHARGE DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3271	27-09-2025	DOSING SHED BRANCHES 205 PM 041A	DISCHARGE NRV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3272	27-09-2025	DOSING SHED BRANCHES 205 PM 041A	DISCHARGE NRV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3273	27-09-2025	DOSING SHED BRANCHES 205 PM 041A	DISCHARGE HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3274	27-09-2025	DOSING SHED BRANCHES 205 PM 041A	DISCHARGE HOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3275	27-09-2025	DOSING SHED BRANCHES 205 PM 041B	SUCTION HOV 1 UPSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
3276	27-09-2025	DOSING SHED BRANCHES 205 PM 041B	SUCTION HOV 1 DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3277	27-09-2025	DOSING SHED BRANCHES 205 PM 041B	SUCTION HOV 2 UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3278	27-09-2025	DOSING SHED BRANCHES 205 PM 041B	SUCTION HOV 2 DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3279	27-09-2025	DOSING SHED BRANCHES 205 PM 041B	PUMP SUCTION DISCHARGE UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3280	27-09-2025	DOSING SHED BRANCHES 205 PM 041B	PUMP SUCTION DISCHARGE DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3281	27-09-2025	DOSING SHED BRANCHES 205 PM 041B	DISCHARGE NRV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3282	27-09-2025	DOSING SHED BRANCHES 205 PM 041B	DISCHARGE NRV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3283	27-09-2025	DOSING SHED BRANCHES 205 PM 041B	DISCHARGE HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3284	27-09-2025	DOSING SHED BRANCHES 205 PM 041B	DISCHARGE HOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3285	27-09-2025	Flow control valve (South east corner of PH-06)	HOV-1-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
3286	27-09-2025	Flow control valve (South east corner of PH-06)	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3287	27-09-2025	Flow control valve (South east corner of PH-06)	FCV-up steam	Flange	0.0	1	100	0.000000	8760	0.000000
3288	27-09-2025	Flow control valve (South east corner of PH-06)	FCV-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3289	27-09-2025	Flow control valve (South east corner of PH-06)	HOV-2-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
3290	27-09-2025	Flow control valve (South east corner of PH-06)	HOV-2-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3291	27-09-2025	Flow control valve (South east corner of PH-06)	HOV-3-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
3292	27-09-2025	Flow control valve (South east corner of PH-06)	HOV-3-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3293	27-09-2025	Flow control valve (South east corner of PH-06)	HOV-4-UP steam	Flange	0.2	1	100	0.000001	8760	0.013027
3294	27-09-2025	Flow control valve (South east corner of PH-06)	HOV-4-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3295	27-09-2025	Flow control valve (South east corner of PH-06)	HOV-5-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
3296	27-09-2025	Flow control valve (South east corner of PH-06)	HOV-5-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3297	27-09-2025	PIPE LINE END FLANGE	PM-001 A/B/C suction heater	Flange	0.1	1	100	0.000001	8760	0.008002
3298	27-09-2025	PIPE LINE END FLANGE	LPG inter bullet vapour balancing line	Flange	0.0	1	100	0.000000	8760	0.000000
3299	27-09-2025	PIPE LINE END FLANGE	OFF spee LPG line	Flange	0.0	1	100	0.000000	8760	0.000000
3300	27-09-2025	PIPE LINE END FLANGE	1BT/Heel strepping heater	Flange	0.0	1	100	0.000000	8760	0.000000
3301	27-09-2025	PIPE LINE END FLANGE	Bleanding spillage off spee LPG line	Flange	0.1	1	100	0.000001	8760	0.008002
3302	27-09-2025	PIPE LINE END FLANGE	PRESSUERIZED LPG	Flange	0.0	1	100	0.000000	8760	0.000000
3303	27-09-2025	PIPE LINE END FLANGE	IBT DISCHARGE LINE	Flange	0.0	1	100	0.000000	8760	0.000000
3304	27-09-2025	PIPE LINE END FLANGE	PM 027A/B/C SUCTION HEADER	Flange	0.0	1	100	0.000000	8760	0.000000
3305	27-09-2025	PIPE LINE END FLANGE	PM 001 A/B/C MINIMUM FLOW LINE	Flange	0.0	1	100	0.000000	8760	0.000000
3306	27-09-2025	PIPE LINE END FLANGE	BULLET OUTLET HEADER	Flange	0.0	1	100	0.000000	8760	0.000000
3307	27-09-2025	PIPE LINE END FLANGE	LPG PIPELINE TRANSFER	Flange	0.1	1	100	0.000001	8760	0.008002
3308	27-09-2025	PIPE LINE END FLANGE	PUMP 28 A/B/C PROPYLENE IBT LINE	Flange	0.0	1	100	0.000000	8760	0.000000
3309	27-09-2025	PIPE LINE END FLANGE	PM 27 MINIMUM FLOW LINE	Flange	0.0	1	100	0.000000	8760	0.000000
3310	27-09-2025	PIPE LINE END FLANGE	LPG FROM BLENDING HEADER TOP OFF	Flange	0.2	1	100	0.000001	8760	0.013027
3311	27-09-2025	PIPE LINE END FLANGE	OFF SPEE LPG TO ALKYLATION BULLET	Flange	0.7	1	100	0.000004	8760	0.031427
3312	27-09-2025	PIPE LINE END FLANGE	LPG RETURN FROM TT LOADING LINE	Flange	0.3	1	100	0.000002	8760	0.017323
3313	27-09-2025	PIPE LINE END FLANGE	PM - 001 A/B/C DISCHARGE HEADER LINE	Flange	0.2	1	100	0.000001	8760	0.013027
3314	27-09-2025	FLOW control valve (NORTH east corner of PH-06)	HOV-1-UP steam	Flange	0.1	1	100	0.000001	8760	0.008002

3315	27-09-2025	FLOW control valve (NORTH east corner of PH-06)	HOV-1-down steam	Flange	0.1	1	100	0.000001	8760	0.008002
3316	27-09-2025	FLOW control valve (NORTH east corner of PH-06)	FCV-1-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
3317	27-09-2025	FLOW control valve (NORTH east corner of PH-06)	FCV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3318	27-09-2025	FLOW control valve (NORTH east corner of PH-06)	HOV-2-UP steam	Flange	0.0	1	100	0.000000	8760	0.000000
3319	27-09-2025	FLOW control valve (NORTH east corner of PH-06)	HOV-2-down steam	Flange	0.2	1	100	0.000001	8760	0.013027
3320	27-09-2025	FLOW control valve (NORTH east corner of PH-06)	HOV-3- BYPASS UP steam	Flange	0.1	1	100	0.000001	8760	0.008002
3321	27-09-2025	FLOW control valve (NORTH east corner of PH-06)	HOV-3- BYPASS down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3322	27-09-2025	COMPRESSER HOUSE LBG	HOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3323	27-09-2025	COMPRESSER HOUSE LBG	HOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3324	27-09-2025	COMPRESSER HOUSE LBG	HOV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3325	27-09-2025	COMPRESSER HOUSE LBG	HOV 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3326	27-09-2025	COMPRESSER HOUSE LBG	MOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3327	27-09-2025	COMPRESSER HOUSE LBG	MOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3328	27-09-2025	COMPRESSER HOUSE LBG	MOV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3329	27-09-2025	COMPRESSER HOUSE LBG	MOV 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3330	27-09-2025	PROTUCT TANK	TK 04 PSV UP STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3331	27-09-2025	PROTUCT TANK	TK 04 PSV DOWN STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
3332	27-09-2025	PROTUCT TANK	TK 07 PSV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3333	27-09-2025	PROTUCT TANK	TK 07 PSV DOWN STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
3334	27-09-2025	PROTUCT TANK	TK 11 PSV UP STEAM	Flange	0.4	1	100	0.000002	8760	0.021206
3335	27-09-2025	PROTUCT TANK	TK 11 PSV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3336	27-09-2025	PROTUCT TANK	TK 14 PSV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3337	27-09-2025	PROTUCT TANK	TK 14 PSV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3338	27-09-2025	PROTUCT TANK	TK 08 PSV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3339	27-09-2025	PROTUCT TANK	TK 08 PSV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3340	27-09-2025	PROTUCT TANK	STREAM HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3341	27-09-2025	PUMP HOUSE 2	MOV 1 UPSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
3342	27-09-2025	PUMP HOUSE 2	MOV 1 DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3343	27-09-2025	PUMP HOUSE 2	MOV 2 UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3344	27-09-2025	PUMP HOUSE 2	MOV 2 DOWNSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
3345	27-09-2025	PUMP HOUSE 2	HOV 1 UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3346	27-09-2025	PUMP HOUSE 2	HOV 1 DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3347	27-09-2025	OTHER FLANGES	HOV	Flange	0.1	1	100	0.000001	8760	0.008002
3348	27-09-2025	OTHER FLANGES	HOV	Flange	0.0	1	100	0.000000	8760	0.000000
3349	27-09-2025	OTHER FLANGES	HOV	Flange	0.0	1	100	0.000000	8760	0.000000
3350	27-09-2025	OTHER FLANGES	HOV	Flange	0.0	1	100	0.000000	8760	0.000000
3351	27-09-2025	OTHER FLANGES	HOV	Flange	0.0	1	100	0.000000	8760	0.000000
3352	27-09-2025	OTHER FLANGES	HOV	Flange	0.0	1	100	0.000000	8760	0.000000
3353	27-09-2025	crude tank area crude recipt live from south jetty at battery limit	200-xzv-0011 up steam	Flange	0.0	1	100	0.000000	8760	0.000000
3354	27-09-2025	crude tank area crude recipt live from south jetty at battery limit	200-xzv-0011 down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3355	27-09-2025	crude tank area crude recipt live from south jetty at battery limit	MOV-3 UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3356	27-09-2025	crude tank area crude recipt live from south jetty at battery limit	MOV-3 DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3357	27-09-2025	crude tank area crude recipt live from south jetty at battery limit	200-MOV-003 UP steam	Flange	0.1	1	100	0.000001	8760	0.008002
3358	27-09-2025	crude tank area crude recipt live from south jetty at battery limit	200-MOV-003 DOWN steam	Flange	0.2	1	100	0.000001	8760	0.013027
3359	27-09-2025	crude tank area crude recipt live from south jetty at battery limit	200-MOV-016 UP steam	Flange	0.2	1	100	0.000001	8760	0.013027
3360	27-09-2025	crude tank area crude recipt live from south jetty at battery limit	200-MOV-016 DOWN steam	Flange	0.2	1	100	0.000001	8760	0.013027
3361	27-09-2025	crude tank area crude recipt live from south jetty at battery limit	200-MOV-015 UP steam	Flange	0.1	1	100	0.000001	8760	0.008002
3362	27-09-2025	crude tank area crude recipt live from south jetty at battery limit	200-MOV-015 DOWN steam	Flange	0.1	1	100	0.000001	8760	0.008002
3363	27-09-2025	crude tank area crude recipt From SPM/Pipe Line	200-MOV-01 BATTERY LIMIT	Flange	0.1	1	100	0.000001	8760	0.008002
3364	27-09-2025	crude tank area crude recipt From SPM/Pipe Line	FLANGE NO 2 CONNETING TO ONLINE SAMPLER	Flange	0.1	1	100	0.000001	8760	0.008002
3365	27-09-2025	crude tank area crude recipt From SPM/Pipe Line	INLET FLANGE TO PUMP NO 2	Flange	0.1	1	100	0.000001	8760	0.008002
3366	27-09-2025	crude tank area crude recipt From SPM/Pipe Line	INLET FLANGE TO PUMP NO 1	Flange	0.1	1	100	0.000001	8760	0.008002
3367	27-09-2025	crude tank area crude recipt From SPM/Pipe Line	FLANGE NO 2 CONNETING TO SAMPLER	Flange	0.1	1	100	0.000001	8760	0.008002
3368	27-09-2025	crude tank area crude recipt From SPM/Pipe Line	FLANGE NO 2 CONNETING TO SAMPLER	Flange	0.1	1	100	0.000001	8760	0.008002
3369	25-09-2025	CRude tank NO -1	OUTLET XZV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3370	25-09-2025	CRude tank NO -1	OUTLET XZV down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3371	25-09-2025	CRude tank NO -1	MANWAY A	Flange	0.0	1	100	0.000000	8760	0.000000
3372	25-09-2025	CRude tank NO -1	MANWAY B	Flange	0.0	1	100	0.000000	8760	0.000000
3373	25-09-2025	CRude tank NO -1	MANWAY C	Flange	0.0	1	100	0.000000	8760	0.000000
3374	25-09-2025	CRude tank NO -1	WD/A UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3375	25-09-2025	CRude tank NO -1	WD/A down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3376	25-09-2025	CRude tank NO -1	WD/B UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3377	25-09-2025	CRude tank NO -1	WD/B down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3378	25-09-2025	CRude tank NO -1	WD/C UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3379	25-09-2025	CRude tank NO -1	WD/C down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3380	25-09-2025	CRude tank NO -1	WD/D UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3381	25-09-2025	CRude tank NO -1	WD/D down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3382	25-09-2025	CRude tank NO -1	CLEAN OUT DOOR	Flange	0.0	1	100	0.000000	8760	0.000000
3383	25-09-2025	CRude tank NO -1	JET MIXTURE MOV	Flange	0.0	1	100	0.000000	8760	0.000000
3384	25-09-2025	CRude tank NO -1	JET MIXTURE MOV	Flange	0.0	1	100	0.000000	8760	0.000000
3385	25-09-2025	CRude tank NO -1	INLET XZV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3386	25-09-2025	CRude tank NO -1	INLET XZV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3387	25-09-2025	OUTSIDE DYKE	INLET MOV	Flange	0.0	1	100	0.000000	8760	0.000000
3388	25-09-2025	OUTSIDE DYKE	INLET MOV	Flange	0.0	1	100	0.000000	8760	0.000000
3389	25-09-2025	OUTSIDE DYKE	OUTLET MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3390	25-09-2025	OUTSIDE DYKE	OUTLET MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3391	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3392	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3393	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3394	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3395	25-09-2025	OUTSIDE DYKE	ITT SUCTION MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000

3396	25-09-2025	OUTSIDE DYKE	ITT SUCTION MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3397	25-09-2025	OUTSIDE DYKE	ITT SUCTION MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3398	25-09-2025	OUTSIDE DYKE	ITT SUCTION MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3399	25-09-2025	END FLANGES	CRUDE OUTLET LAST	Flange	0.0	1	100	0.000000	8760	0.000000
3400	25-09-2025	END FLANGES	CRUDE OUTLET LAST	Flange	0.0	1	100	0.000000	8760	0.000000
3401	25-09-2025	END FLANGES	TSV INLET LINE	Flange	0.0	1	100	0.000000	8760	0.000000
3402	25-09-2025	END FLANGES	TSV INLET LINE	Flange	0.0	1	100	0.000000	8760	0.000000
3403	25-09-2025	END FLANGES	TSV INLET LINE	Flange	0.0	1	100	0.000000	8760	0.000000
3404	25-09-2025	END FLANGES	TSV INLET LINE	Flange	0.0	1	100	0.000000	8760	0.000000
3405	25-09-2025	END FLANGES	TSV INLET LINE	Flange	0.2	1	100	0.000001	8760	0.013027
3406	25-09-2025	END FLANGES	TSV INLET LINE	Flange	0.0	1	100	0.000000	8760	0.000000
3407	25-09-2025	END FLANGES	TSV INLET LINE	Flange	0.0	1	100	0.000000	8760	0.000000
3408	25-09-2025	END FLANGES	TSV INLET LINE	Flange	0.0	1	100	0.000000	8760	0.000000
3409	25-09-2025	END FLANGES	MOV-0002	Flange	0.0	1	100	0.000000	8760	0.000000
3410	25-09-2025	END FLANGES	MOV-0002	Flange	0.0	1	100	0.000000	8760	0.000000
3411	25-09-2025	END FLANGES	MOV-0002	Flange	0.0	1	100	0.000000	8760	0.000000
3412	25-09-2025	END FLANGES	MOV-0002	Flange	0.0	1	100	0.000000	8760	0.000000
3413	25-09-2025	CRude tank NO -1 Tank Top	RIM SEAL EAST	Flange	3.2	1	100	0.000010	8760	0.091480
3414	25-09-2025	CRude tank NO -1 Tank Top	RIM SEAL WEST	Flange	2.1	1	100	0.000008	8760	0.068034
3415	25-09-2025	CRude tank NO -1 Tank Top	RIM SEAL NORTH	Flange	4.0	1	100	0.000012	8760	0.107017
3416	25-09-2025	CRude tank NO -1 Tank Top	RIM SEAL SOUTH	Flange	7.0	1	100	0.000018	8760	0.158602
3417	25-09-2025	CRude tank NO -1 Tank Top	DIPHATCH	Flange	9.0	1	100	0.000022	8760	0.189251
3418	25-09-2025	CRude tank NO -2	OUTLET XZV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3419	25-09-2025	CRude tank NO -2	OUTLET XZV down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3420	25-09-2025	CRude tank NO -2	MANWAY A	Flange	0.0	1	100	0.000000	8760	0.000000
3421	25-09-2025	CRude tank NO -2	MANWAY B	Flange	0.0	1	100	0.000000	8760	0.000000
3422	25-09-2025	CRude tank NO -2	MANWAY C	Flange	0.0	1	100	0.000000	8760	0.000000
3423	25-09-2025	CRude tank NO -2	WD/A UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3424	25-09-2025	CRude tank NO -2	WD/A down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3425	25-09-2025	CRude tank NO -2	WD/B UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3426	25-09-2025	CRude tank NO -2	WD/B down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3427	25-09-2025	CRude tank NO -2	WD/C UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3428	25-09-2025	CRude tank NO -2	WD/C down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3429	25-09-2025	CRude tank NO -2	WD/D UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3430	25-09-2025	CRude tank NO -2	WD/D down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3431	25-09-2025	CRude tank NO -2	CLEAN OUT DOOR	Flange	0.0	1	100	0.000000	8760	0.000000
3432	25-09-2025	CRude tank NO -2	JET MIXTURE MOV	Flange	0.0	1	100	0.000000	8760	0.000000
3433	25-09-2025	CRude tank NO -2	JET MIXTURE MOV	Flange	0.0	1	100	0.000000	8760	0.000000
3434	25-09-2025	CRude tank NO -2	INLET XZV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3435	25-09-2025	CRude tank NO -2	INLET XZV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3436	25-09-2025	OUTSIDE DYKE	INLET MOV UP STEAM	Flange	0.4	1	100	0.000002	8760	0.021206
3437	25-09-2025	OUTSIDE DYKE	INLET MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3438	25-09-2025	OUTSIDE DYKE	HEEL STRIPPING MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3439	25-09-2025	OUTSIDE DYKE	HEEL STRIPPING MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3440	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3441	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3442	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3443	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3444	25-09-2025	OUTSIDE DYKE	ITT SUCTION MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3445	25-09-2025	OUTSIDE DYKE	ITT SUCTION MOV DOWN STEAM	Flange	1.2	1	100	0.000005	8760	0.045906
3446	25-09-2025	OUTSIDE DYKE	ITT SUCTION MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3447	25-09-2025	OUTSIDE DYKE	ITT SUCTION MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3448	25-09-2025	END FLANGES	CRUDE RECIPT HEADER	Flange	0.0	1	100	0.000000	8760	0.000000
3449	25-09-2025	END FLANGES	PUMP SECTION HEADER-2	Flange	0.0	1	100	0.000000	8760	0.000000
3450	25-09-2025	END FLANGES	PUMP SECTION HEADER-1	Flange	0.0	1	100	0.000000	8760	0.000000
3451	25-09-2025	END FLANGES	ITT SECTION HEADER-1	Flange	0.0	1	100	0.000000	8760	0.000000
3452	25-09-2025	END FLANGES	ITT MAIN DELIVERY TANK MOV	Flange	0.0	1	100	0.000000	8760	0.000000
3453	25-09-2025	END FLANGES	HOV-1-down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3454	25-09-2025	END FLANGES	OUTLET DYKE	Flange	0.0	1	100	0.000000	8760	0.000000
3455	25-09-2025	CRude tank NO -2 Tank Top	RIM SEAL EAST	Flange	1.4	1	100	0.000006	8760	0.051160
3456	25-09-2025	CRude tank NO -2 Tank Top	RIM SEAL WEST	Flange	3.1	1	100	0.000010	8760	0.089461
3457	25-09-2025	CRude tank NO -2 Tank Top	RIM SEAL NORTH	Flange	1.7	1	100	0.000007	8760	0.058642
3458	25-09-2025	CRude tank NO -2 Tank Top	RIM SEAL SOUTH	Flange	4.0	1	100	0.000012	8760	0.107017
3459	25-09-2025	CRude tank NO -2 Tank Top	DIPHATCH	Flange	6.0	1	100	0.000016	8760	0.142313
3460	25-09-2025	CRude tank NO -3 INSIDE DYKE	OUTLET XZV UP STEAM 5003	Flange	0.0	1	100	0.000000	8760	0.000000
3461	25-09-2025	CRude tank NO -3 INSIDE DYKE	OUTLET XZV down steam 5003	Flange	2.0	1	100	0.000008	8760	0.065740
3462	25-09-2025	CRude tank NO -3 INSIDE DYKE	MANWAY A	Flange	0.0	1	100	0.000000	8760	0.000000
3463	25-09-2025	CRude tank NO -3 INSIDE DYKE	MANWAY B	Flange	0.0	1	100	0.000000	8760	0.000000
3464	25-09-2025	CRude tank NO -3 INSIDE DYKE	MANWAY C	Flange	0.0	1	100	0.000000	8760	0.000000
3465	25-09-2025	CRude tank NO -3 INSIDE DYKE	WD/A UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3466	25-09-2025	CRude tank NO -3 INSIDE DYKE	WD/A down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3467	25-09-2025	CRude tank NO -3 INSIDE DYKE	WD/B UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3468	25-09-2025	CRude tank NO -3 INSIDE DYKE	WD/B down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3469	25-09-2025	CRude tank NO -3 INSIDE DYKE	WD/C UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3470	25-09-2025	CRude tank NO -3 INSIDE DYKE	WD/C down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3471	25-09-2025	CRude tank NO -3 INSIDE DYKE	WD/D UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3472	25-09-2025	CRude tank NO -3 INSIDE DYKE	WD/D down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3473	25-09-2025	CRude tank NO -3 INSIDE DYKE	CLEAN OUT DOOR	Flange	0.0	1	100	0.000000	8760	0.000000
3474	25-09-2025	CRude tank NO -3 INSIDE DYKE	JET MIXTURE MOV	Flange	0.0	1	100	0.000000	8760	0.000000
3475	25-09-2025	CRude tank NO -3 INSIDE DYKE	JET MIXTURE MOV	Flange	0.0	1	100	0.000000	8760	0.000000
3476	25-09-2025	CRude tank NO -3 INSIDE DYKE	INLET XZV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3477	25-09-2025	CRude tank NO -3 INSIDE DYKE	INLET XZV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3478	25-09-2025	OUTSIDE DYKE	INLET MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3479	25-09-2025	OUTSIDE DYKE	INLET MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3480	25-09-2025	OUTSIDE DYKE	HEEL STRIPPING MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3481	25-09-2025	OUTSIDE DYKE	HEEL STRIPPING MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3482	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000

3483	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3484	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM	Flange	2.1	1	100	0.000008	8760	0.068034
3485	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3486	25-09-2025	OUTSIDE DYKE	ITT SUCTION MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3487	25-09-2025	OUTSIDE DYKE	ITT SUCTION MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3488	25-09-2025	OUTSIDE DYKE	ITT SUCTION MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3489	25-09-2025	OUTSIDE DYKE	ITT SUCTION MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3490	25-09-2025	END FLANGES	CRUDE OUTLET LAST	Flange	0.0	1	100	0.000000	8760	0.000000
3491	25-09-2025	END FLANGES	CRUDE OUTLET LAST	Flange	0.0	1	100	0.000000	8760	0.000000
3492	25-09-2025	CRude tank NO -3 Tank Top	RIM SEAL EAST	Flange	2.0	1	100	0.000008	8760	0.065740
3493	25-09-2025	CRude tank NO -3 Tank Top	RIM SEAL WEST	Flange	0.9	1	100	0.000004	8760	0.037501
3494	25-09-2025	CRude tank NO -3 Tank Top	RIM SEAL NORTH	Flange	3.7	1	100	0.000012	8760	0.101310
3495	25-09-2025	CRude tank NO -3 Tank Top	RIM SEAL SOUTH	Flange	0.5	1	100	0.000003	8760	0.024807
3496	25-09-2025	CRude tank NO -3 Tank Top	DIPHATCH	Flange	0.7	1	100	0.000004	8760	0.031427
3497	25-09-2025	CRude tank NO -4 INSIDE DYKE	OUTLET XZV UP STEAM 5008	Flange	0.0	1	100	0.000000	8760	0.000000
3498	25-09-2025	CRude tank NO -4 INSIDE DYKE	OUTLET XZV down steam 5008	Flange	0.0	1	100	0.000000	8760	0.000000
3499	25-09-2025	CRude tank NO -4 INSIDE DYKE	MANWAY A	Flange	0.0	1	100	0.000000	8760	0.000000
3500	25-09-2025	CRude tank NO -4 INSIDE DYKE	MANWAY B	Flange	0.0	1	100	0.000000	8760	0.000000
3501	25-09-2025	CRude tank NO -4 INSIDE DYKE	MANWAY C	Flange	0.0	1	100	0.000000	8760	0.000000
3502	25-09-2025	CRude tank NO -4 INSIDE DYKE	WD/A UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3503	25-09-2025	CRude tank NO -4 INSIDE DYKE	WD/A down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3504	25-09-2025	CRude tank NO -4 INSIDE DYKE	WD/B UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3505	25-09-2025	CRude tank NO -4 INSIDE DYKE	WD/B down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3506	25-09-2025	CRude tank NO -4 INSIDE DYKE	WD/C UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3507	25-09-2025	CRude tank NO -4 INSIDE DYKE	WD/C down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3508	25-09-2025	CRude tank NO -4 INSIDE DYKE	WD/D UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3509	25-09-2025	CRude tank NO -4 INSIDE DYKE	WD/D down steam	Flange	0.7	1	100	0.000004	8760	0.031427
3510	25-09-2025	CRude tank NO -4 INSIDE DYKE	CLEAN OUT DOOR	Flange	0.0	1	100	0.000000	8760	0.000000
3511	25-09-2025	CRude tank NO -4 INSIDE DYKE	JET MIXTURE MOV	Flange	0.0	1	100	0.000000	8760	0.000000
3512	25-09-2025	CRude tank NO -4 INSIDE DYKE	JET MIXTURE MOV	Flange	0.0	1	100	0.000000	8760	0.000000
3513	25-09-2025	CRude tank NO -4 INSIDE DYKE	INLET XZV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3514	25-09-2025	CRude tank NO -4 INSIDE DYKE	INLET XZV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3515	25-09-2025	OUTSIDE DYKE	INLET MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3516	25-09-2025	OUTSIDE DYKE	INLET MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3517	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3518	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3519	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3520	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3521	25-09-2025	OUTSIDE DYKE	ITT SUCTION MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3522	25-09-2025	OUTSIDE DYKE	ITT SUCTION MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3523	25-09-2025	OUTSIDE DYKE	ITT SUCTION MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3524	25-09-2025	OUTSIDE DYKE	ITT SUCTION MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3525	25-09-2025	END FLANGES	CRUDE OUTLET LAST	Flange	0.0	1	100	0.000000	8760	0.000000
3526	25-09-2025	CRude tank NO -4 Tank Top	RIM SEAL EAST	Flange	1.2	1	100	0.000005	8760	0.045906
3527	25-09-2025	CRude tank NO -4 Tank Top	RIM SEAL WEST	Flange	2.6	1	100	0.000009	8760	0.079055
3528	25-09-2025	CRude tank NO -4 Tank Top	RIM SEAL NORTH	Flange	0.9	1	100	0.000004	8760	0.037501
3529	25-09-2025	CRude tank NO -4 Tank Top	RIM SEAL SOUTH	Flange	1.5	1	100	0.000006	8760	0.053703
3530	25-09-2025	CRude tank NO -4 Tank Top	DIPHATCH	Flange	0.3	1	100	0.000002	8760	0.017323
3531	25-09-2025	CRude tank NO -5 INSIDE DYKE	OUTLET XZV UP STEAM 5010	Flange	0.0	1	100	0.000000	8760	0.000000
3532	25-09-2025	CRude tank NO -5 INSIDE DYKE	OUTLET XZV down steam 5010	Flange	0.2	1	100	0.000001	8760	0.013027
3533	25-09-2025	CRude tank NO -5 INSIDE DYKE	MANWAY A	Flange	0.0	1	100	0.000000	8760	0.000000
3534	25-09-2025	CRude tank NO -5 INSIDE DYKE	MANWAY B	Flange	0.2	1	100	0.000001	8760	0.013027
3535	25-09-2025	CRude tank NO -5 INSIDE DYKE	MANWAY C	Flange	0.1	1	100	0.000001	8760	0.008002
3536	25-09-2025	CRude tank NO -5 INSIDE DYKE	WD/A UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3537	25-09-2025	CRude tank NO -5 INSIDE DYKE	WD/A down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3538	25-09-2025	CRude tank NO -5 INSIDE DYKE	WD/B UP STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3539	25-09-2025	CRude tank NO -5 INSIDE DYKE	WD/B down steam	Flange	0.1	1	100	0.000001	8760	0.008002
3540	25-09-2025	CRude tank NO -5 INSIDE DYKE	WD/C UP STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
3541	25-09-2025	CRude tank NO -5 INSIDE DYKE	WD/C down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3542	25-09-2025	CRude tank NO -5 INSIDE DYKE	WD/D UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3543	25-09-2025	CRude tank NO -5 INSIDE DYKE	WD/D down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3544	25-09-2025	CRude tank NO -5 INSIDE DYKE	CLEAN OUT DOOR	Flange	0.1	1	100	0.000001	8760	0.008002
3545	25-09-2025	CRude tank NO -5 INSIDE DYKE	JET MIXTURE MOV	Flange	0.0	1	100	0.000000	8760	0.000000
3546	25-09-2025	CRude tank NO -5 INSIDE DYKE	JET MIXTURE MOV	Flange	0.0	1	100	0.000000	8760	0.000000
3547	25-09-2025	CRude tank NO -5 INSIDE DYKE	INLET XZV UP STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
3548	25-09-2025	CRude tank NO -5 INSIDE DYKE	INLET XZV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3549	25-09-2025	OUTSIDE DYKE	INLET MOV UP STEAM 0037	Flange	0.0	1	100	0.000000	8760	0.000000
3550	25-09-2025	OUTSIDE DYKE	INLET MOV DOWN STEAM 0037	Flange	0.0	1	100	0.000000	8760	0.000000
3551	25-09-2025	OUTSIDE DYKE	HEEL STRIPPING MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3552	25-09-2025	OUTSIDE DYKE	HEEL STRIPPING MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3553	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3554	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3555	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3556	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3557	25-09-2025	OUTSIDE DYKE	ITT SUCTION MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3558	25-09-2025	OUTSIDE DYKE	ITT SUCTION MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3559	25-09-2025	OUTSIDE DYKE	ITT SUCTION MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3560	25-09-2025	OUTSIDE DYKE	ITT SUCTION MOV DOWN STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
3561	25-09-2025	END FLANGES	CRUDE OUTLET LAST	Flange	0.0	1	100	0.000000	8760	0.000000
3562	25-09-2025	CRude tank NO -5 Tank Top	RIM SEAL EAST	Flange	1.2	1	100	0.000005	8760	0.045906
3563	25-09-2025	CRude tank NO -5 Tank Top	RIM SEAL WEST	Flange	0.9	1	100	0.000004	8760	0.037501
3564	25-09-2025	CRude tank NO -5 Tank Top	RIM SEAL NORTH	Flange	1.7	1	100	0.000007	8760	0.058642
3565	25-09-2025	CRude tank NO -5 Tank Top	RIM SEAL SOUTH	Flange	0.4	1	100	0.000002	8760	0.021206
3566	25-09-2025	CRude tank NO -5 Tank Top	DIPHATCH	Flange	0.8	1	100	0.000004	8760	0.034521
3567	25-09-2025	CRude tank NO -6 INSIDE DYKE	OUTLET XZV UP STEAM 5012	Flange	0.0	1	100	0.000000	8760	0.000000
3568	25-09-2025	CRude tank NO -6 INSIDE DYKE	OUTLET XZV down steam 5012	Flange	0.0	1	100	0.000000	8760	0.000000
3569	25-09-2025	CRude tank NO -6 INSIDE DYKE	MANWAY A	Flange	0.2	1	100	0.000001	8760	0.013027

3570	25-09-2025	CRude tank NO -6 INSIDE DYKE	MANWAY B	Flange	0.1	1	100	0.000001	8760	0.008002
3571	25-09-2025	CRude tank NO -6 INSIDE DYKE	MANWAY C	Flange	0.0	1	100	0.000000	8760	0.000000
3572	25-09-2025	CRude tank NO -6 INSIDE DYKE	WD/A UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3573	25-09-2025	CRude tank NO -6 INSIDE DYKE	WD/A down steam	Flange	0.1	1	100	0.000001	8760	0.008002
3574	25-09-2025	CRude tank NO -6 INSIDE DYKE	WD/B UP STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3575	25-09-2025	CRude tank NO -6 INSIDE DYKE	WD/B down steam	Flange	0.2	1	100	0.000001	8760	0.013027
3576	25-09-2025	CRude tank NO -6 INSIDE DYKE	WD/C UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3577	25-09-2025	CRude tank NO -6 INSIDE DYKE	WD/C down steam	Flange	0.1	1	100	0.000001	8760	0.008002
3578	25-09-2025	CRude tank NO -6 INSIDE DYKE	WD/D UP STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
3579	25-09-2025	CRude tank NO -6 INSIDE DYKE	WD/D down steam	Flange	0.2	1	100	0.000001	8760	0.013027
3580	25-09-2025	CRude tank NO -6 INSIDE DYKE	CLEAN OUT DOOR	Flange	0.0	1	100	0.000000	8760	0.000000
3581	25-09-2025	CRude tank NO -6 INSIDE DYKE	JET MIXTURE MOV	Flange	0.0	1	100	0.000000	8760	0.000000
3582	25-09-2025	CRude tank NO -6 INSIDE DYKE	JET MIXTURE MOV	Flange	0.0	1	100	0.000000	8760	0.000000
3583	25-09-2025	CRude tank NO -6 INSIDE DYKE	INLET XZV UP STEAM 5011	Flange	0.0	1	100	0.000000	8760	0.000000
3584	25-09-2025	CRude tank NO -6 INSIDE DYKE	INLET XZV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3585	25-09-2025	OUTSIDE DYKE	INLET MOV UPSTEAM 0047	Flange	0.0	1	100	0.000000	8760	0.000000
3586	25-09-2025	OUTSIDE DYKE	INLET MOV DOWNSTEAM 0047	Flange	0.0	1	100	0.000000	8760	0.000000
3587	25-09-2025	OUTSIDE DYKE	HEEL STRIPPING MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3588	25-09-2025	OUTSIDE DYKE	HEEL STRIPPING MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3589	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3590	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3591	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3592	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3593	25-09-2025	OUTSIDE DYKE	ITT SUCTION MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3594	25-09-2025	OUTSIDE DYKE	ITT SUCTION MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3595	25-09-2025	OUTSIDE DYKE	ITT SUCTION MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3596	25-09-2025	OUTSIDE DYKE	ITT SUCTION MOV DOWN STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3597	25-09-2025	END FLANGES	CRUDE OUTLET LAST	Flange	0.1	1	100	0.000001	8760	0.008002
3598	25-09-2025	END FLANGES	CRUDE OUTLET LAST	Flange	0.0	1	100	0.000000	8760	0.000000
3599	25-09-2025	CRude tank NO -6 Tank Top	RIM SEAL EAST	Flange	0.7	1	100	0.000004	8760	0.031427
3600	25-09-2025	CRude tank NO -6 Tank Top	RIM SEAL WEST	Flange	0.9	1	100	0.000004	8760	0.037501
3601	25-09-2025	CRude tank NO -6 Tank Top	RIM SEAL NORTH	Flange	1.5	1	100	0.000006	8760	0.053703
3602	25-09-2025	CRude tank NO -6 Tank Top	RIM SEAL SOUTH	Flange	0.4	1	100	0.000002	8760	0.021206
3603	25-09-2025	CRude tank NO -6 Tank Top	DIPHATCH	Flange	0.7	1	100	0.000004	8760	0.031427
3604	25-09-2025	CRude tank NO -7 INSIDE DYKE	OUTLET XZV UP STEAM 5014	Flange	0.0	1	100	0.000000	8760	0.000000
3605	25-09-2025	CRude tank NO -7 INSIDE DYKE	OUTLET XZV down steam 5014	Flange	0.0	1	100	0.000000	8760	0.000000
3606	25-09-2025	CRude tank NO -7 INSIDE DYKE	MANWAY A	Flange	0.0	1	100	0.000000	8760	0.000000
3607	25-09-2025	CRude tank NO -7 INSIDE DYKE	MANWAY B	Flange	0.2	1	100	0.000001	8760	0.013027
3608	25-09-2025	CRude tank NO -7 INSIDE DYKE	MANWAY C	Flange	0.1	1	100	0.000001	8760	0.008002
3609	25-09-2025	CRude tank NO -7 INSIDE DYKE	WD/A UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3610	25-09-2025	CRude tank NO -7 INSIDE DYKE	WD/A down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3611	25-09-2025	CRude tank NO -7 INSIDE DYKE	WD/B UP STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3612	25-09-2025	CRude tank NO -7 INSIDE DYKE	WD/B down steam	Flange	0.1	1	100	0.000001	8760	0.008002
3613	25-09-2025	CRude tank NO -7 INSIDE DYKE	WD/C UP STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3614	25-09-2025	CRude tank NO -7 INSIDE DYKE	WD/C down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3615	25-09-2025	CRude tank NO -7 INSIDE DYKE	WD/D UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3616	25-09-2025	CRude tank NO -7 INSIDE DYKE	WD/D down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3617	25-09-2025	CRude tank NO -7 INSIDE DYKE	CLEAN OUT DOOR	Flange	0.2	1	100	0.000001	8760	0.013027
3618	25-09-2025	CRude tank NO -7 INSIDE DYKE	JET MIXTURE MOV 0058	Flange	0.0	1	100	0.000000	8760	0.000000
3619	25-09-2025	CRude tank NO -7 INSIDE DYKE	JET MIXTURE MOV	Flange	0.0	1	100	0.000000	8760	0.000000
3620	25-09-2025	CRude tank NO -7 INSIDE DYKE	INLET XZV UP STEAM 5013	Flange	0.0	1	100	0.000000	8760	0.000000
3621	25-09-2025	CRude tank NO -7 INSIDE DYKE	INLET XZV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3622	25-09-2025	OUTSIDE DYKE	INLET MOV UPSTEAM 0056	Flange	0.1	1	100	0.000001	8760	0.008002
3623	25-09-2025	OUTSIDE DYKE	INLET MOV DOWNSTEAM 0056	Flange	0.0	1	100	0.000000	8760	0.000000
3624	25-09-2025	OUTSIDE DYKE	HEEL STRIPPING MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3625	25-09-2025	OUTSIDE DYKE	HEEL STRIPPING MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3626	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM 0063	Flange	0.2	1	100	0.000001	8760	0.013027
3627	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3628	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM 0061	Flange	0.0	1	100	0.000000	8760	0.000000
3629	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3630	25-09-2025	OUTSIDE DYKE	ITT SUCTION MOV UP STEAM 0059	Flange	0.0	1	100	0.000000	8760	0.000000
3631	25-09-2025	OUTSIDE DYKE	ITT SUCTION MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3632	25-09-2025	OUTSIDE DYKE	ITT SUCTION MOV UP STEAM 0057	Flange	0.0	1	100	0.000000	8760	0.000000
3633	25-09-2025	OUTSIDE DYKE	ITT SUCTION MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3634	25-09-2025	END FLANGES	CRUDE OUTLET LAST	Flange	0.1	1	100	0.000001	8760	0.008002
3635	25-09-2025	END FLANGES	CRUDE OUTLET LAST	Flange	0.6	1	100	0.000003	8760	0.028200
3636	25-09-2025	CRude tank NO -7 Tank Top	RIM SEAL EAST	Flange	2.2	1	100	0.000008	8760	0.070296
3637	25-09-2025	CRude tank NO -7 Tank Top	RIM SEAL WEST	Flange	1.7	1	100	0.000007	8760	0.058642
3638	25-09-2025	CRude tank NO -7 Tank Top	RIM SEAL NORTH	Flange	0.6	1	100	0.000003	8760	0.028200
3639	25-09-2025	CRude tank NO -7 Tank Top	RIM SEAL SOUTH	Flange	1.1	1	100	0.000005	8760	0.043182
3640	25-09-2025	CRude tank NO -7 Tank Top	DIPHATCH	Flange	0.0	1	100	0.000000	8760	0.000000
3641	25-09-2025	CRude tank NO -8 INSIDE DYKE	OUTLET XZV UP STEAM 5016	Flange	0.1	1	100	0.000001	8760	0.008002
3642	25-09-2025	CRude tank NO -8 INSIDE DYKE	OUTLET XZV down steam 5014	Flange	0.1	1	100	0.000001	8760	0.008002
3643	25-09-2025	CRude tank NO -8 INSIDE DYKE	MANWAY A	Flange	0.0	1	100	0.000000	8760	0.000000
3644	25-09-2025	CRude tank NO -8 INSIDE DYKE	MANWAY B	Flange	0.0	1	100	0.000000	8760	0.000000
3645	25-09-2025	CRude tank NO -8 INSIDE DYKE	MANWAY C	Flange	0.0	1	100	0.000000	8760	0.000000
3646	25-09-2025	CRude tank NO -8 INSIDE DYKE	WD/A UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3647	25-09-2025	CRude tank NO -8 INSIDE DYKE	WD/A down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3648	25-09-2025	CRude tank NO -8 INSIDE DYKE	WD/B UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3649	25-09-2025	CRude tank NO -8 INSIDE DYKE	WD/B down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3650	25-09-2025	CRude tank NO -8 INSIDE DYKE	WD/C UP STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3651	25-09-2025	CRude tank NO -8 INSIDE DYKE	WD/C down steam	Flange	0.2	1	100	0.000001	8760	0.013027
3652	25-09-2025	CRude tank NO -8 INSIDE DYKE	WD/D UP STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3653	25-09-2025	CRude tank NO -8 INSIDE DYKE	WD/D down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3654	25-09-2025	CRude tank NO -8 INSIDE DYKE	CLEAN OUT DOOR	Flange	0.1	1	100	0.000001	8760	0.008002
3655	25-09-2025	CRude tank NO -8 INSIDE DYKE	JET MIXTURE MOV 0067	Flange	0.0	1	100	0.000000	8760	0.000000
3656	25-09-2025	CRude tank NO -8 INSIDE DYKE	JET MIXTURE MOV	Flange	0.0	1	100	0.000000	8760	0.000000

3657	25-09-2025	CRude tank NO -8 INSIDE DYKE	INLET XZV UP STEAM 5015	Flange	0.0	1	100	0.000000	8760	0.000000
3658	25-09-2025	CRude tank NO -8 INSIDE DYKE	INLET XZV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3659	25-09-2025	OUTSIDE DYKE	INLET MOV UPSTEAM 0065	Flange	0.0	1	100	0.000000	8760	0.000000
3660	25-09-2025	OUTSIDE DYKE	INLET MOV DOWNSTEAM 0065	Flange	0.1	1	100	0.000001	8760	0.008002
3661	25-09-2025	OUTSIDE DYKE	HEEL STRIPPING MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3662	25-09-2025	OUTSIDE DYKE	HEEL STRIPPING MOV DOWN STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3663	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM 0070	Flange	0.0	1	100	0.000000	8760	0.000000
3664	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3665	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM 0071	Flange	0.0	1	100	0.000000	8760	0.000000
3666	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3667	25-09-2025	OUTSIDE DYKE	ITT SUCTION MOV UP STEAM 0068	Flange	0.0	1	100	0.000000	8760	0.000000
3668	25-09-2025	OUTSIDE DYKE	ITT SUCTION MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3669	25-09-2025	OUTSIDE DYKE	ITT SUCTION MOV UP STEAM 0066	Flange	0.0	1	100	0.000000	8760	0.000000
3670	25-09-2025	OUTSIDE DYKE	ITT SUCTION MOV DOWN STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3671	25-09-2025	END FLANGES	CRUDE OUTLET LAST	Flange	0.0	1	100	0.000000	8760	0.000000
3672	25-09-2025	CRude tank NO -8 Tank Top	RIM SEAL EAST	Flange	1.5	1	100	0.000006	8760	0.053703
3673	25-09-2025	CRude tank NO -8 Tank Top	RIM SEAL WEST	Flange	1.7	1	100	0.000007	8760	0.058642
3674	25-09-2025	CRude tank NO -8 Tank Top	RIM SEAL NORTH	Flange	1.3	1	100	0.000006	8760	0.048563
3675	25-09-2025	CRude tank NO -8 Tank Top	RIM SEAL SOUTH	Flange	0.7	1	100	0.000004	8760	0.031427
3676	25-09-2025	CRude tank NO -8 Tank Top	DIPHATCH	Flange	1.7	1	100	0.000007	8760	0.058642
3677	25-09-2025	CRude tank NO -9 INSIDE DYKE	OUTLET XZV UP STEAM 5018	Flange	0.0	1	100	0.000000	8760	0.000000
3678	25-09-2025	CRude tank NO -9 INSIDE DYKE	OUTLET XZV down steam 5018	Flange	0.0	1	100	0.000000	8760	0.000000
3679	25-09-2025	CRude tank NO -9 INSIDE DYKE	MANWAY A	Flange	0.1	1	100	0.000001	8760	0.008002
3680	25-09-2025	CRude tank NO -9 INSIDE DYKE	MANWAY B	Flange	0.1	1	100	0.000001	8760	0.008002
3681	25-09-2025	CRude tank NO -9 INSIDE DYKE	MANWAY C	Flange	0.1	1	100	0.000001	8760	0.008002
3682	25-09-2025	CRude tank NO -9 INSIDE DYKE	WD/A UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3683	25-09-2025	CRude tank NO -9 INSIDE DYKE	WD/A down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3684	25-09-2025	CRude tank NO -9 INSIDE DYKE	WD/B UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3685	25-09-2025	CRude tank NO -9 INSIDE DYKE	WD/B down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3686	25-09-2025	CRude tank NO -9 INSIDE DYKE	WD/C UP STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
3687	25-09-2025	CRude tank NO -9 INSIDE DYKE	WD/C down steam	Flange	0.1	1	100	0.000001	8760	0.008002
3688	25-09-2025	CRude tank NO -9 INSIDE DYKE	WD/D UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3689	25-09-2025	CRude tank NO -9 INSIDE DYKE	WD/D down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3690	25-09-2025	CRude tank NO -9 INSIDE DYKE	CLEAN OUT DOOR	Flange	0.0	1	100	0.000000	8760	0.000000
3691	25-09-2025	CRude tank NO -9 INSIDE DYKE	JET MIXTURE MOV 0076	Flange	0.0	1	100	0.000000	8760	0.000000
3692	25-09-2025	CRude tank NO -9 INSIDE DYKE	JET MIXTURE MOV	Flange	0.1	1	100	0.000001	8760	0.008002
3693	25-09-2025	CRude tank NO -9 INSIDE DYKE	INLET XZV UP STEAM 5017	Flange	0.1	1	100	0.000001	8760	0.008002
3694	25-09-2025	CRude tank NO -9 INSIDE DYKE	INLET XZV DOWN STEAM 5017	Flange	0.0	1	100	0.000000	8760	0.000000
3695	25-09-2025	OUTSIDE DYKE	INLET MOV UPSTEAM 0073	Flange	0.0	1	100	0.000000	8760	0.000000
3696	25-09-2025	OUTSIDE DYKE	INLET MOV DOWNSTEAM 0073	Flange	0.0	1	100	0.000000	8760	0.000000
3697	25-09-2025	OUTSIDE DYKE	HEEL STRIPPING MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3698	25-09-2025	OUTSIDE DYKE	HEEL STRIPPING MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3699	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM 0070	Flange	0.1	1	100	0.000001	8760	0.008002
3700	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3701	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM 0071	Flange	0.0	1	100	0.000000	8760	0.000000
3702	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3703	25-09-2025	OUTSIDE DYKE	ITT SUCTION MOV UP STEAM 0068	Flange	0.0	1	100	0.000000	8760	0.000000
3704	25-09-2025	OUTSIDE DYKE	ITT SUCTION MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3705	25-09-2025	OUTSIDE DYKE	ITT SUCTION MOV UP STEAM 0066	Flange	0.2	1	100	0.000001	8760	0.013027
3706	25-09-2025	OUTSIDE DYKE	ITT SUCTION MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3707	25-09-2025	END FLANGES	CRUDE OUTLET LAST	Flange	0.0	1	100	0.000000	8760	0.000000
3708	25-09-2025	CRude tank NO -9 Tank Top	RIM SEAL EAST	Flange	2.0	1	100	0.000008	8760	0.065740
3709	25-09-2025	CRude tank NO -9 Tank Top	RIM SEAL WEST	Flange	1.7	1	100	0.000007	8760	0.058642
3710	25-09-2025	CRude tank NO -9 Tank Top	RIM SEAL NORTH	Flange	1.8	1	100	0.000007	8760	0.061047
3711	25-09-2025	CRude tank NO -9 Tank Top	RIM SEAL SOUTH	Flange	0.6	1	100	0.000003	8760	0.028200
3712	25-09-2025	CRude tank NO -9 Tank Top	DIPHATCH	Flange	0.4	1	100	0.000002	8760	0.021206
3713	25-09-2025	CRude tank NO -10 INSIDE DYKE	OUTLET XZV UP STEAM 5020	Flange	0.1	1	100	0.000001	8760	0.008002
3714	25-09-2025	CRude tank NO -10 INSIDE DYKE	OUTLET XZV down steam 5020	Flange	0.0	1	100	0.000000	8760	0.000000
3715	25-09-2025	CRude tank NO -10 INSIDE DYKE	MANWAY A	Flange	0.0	1	100	0.000000	8760	0.000000
3716	25-09-2025	CRude tank NO -10 INSIDE DYKE	MANWAY B	Flange	0.0	1	100	0.000000	8760	0.000000
3717	25-09-2025	CRude tank NO -10 INSIDE DYKE	MANWAY C	Flange	0.1	1	100	0.000001	8760	0.008002
3718	25-09-2025	CRude tank NO -10 INSIDE DYKE	WD/A UP STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3719	25-09-2025	CRude tank NO -10 INSIDE DYKE	WD/A down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3720	25-09-2025	CRude tank NO -10 INSIDE DYKE	WD/B UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3721	25-09-2025	CRude tank NO -10 INSIDE DYKE	WD/B down steam	Flange	0.1	1	100	0.000001	8760	0.008002
3722	25-09-2025	CRude tank NO -10 INSIDE DYKE	WD/C UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3723	25-09-2025	CRude tank NO -10 INSIDE DYKE	WD/C down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3724	25-09-2025	CRude tank NO -10 INSIDE DYKE	WD/D UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3725	25-09-2025	CRude tank NO -10 INSIDE DYKE	WD/D down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3726	25-09-2025	CRude tank NO -10 INSIDE DYKE	CLEAN OUT DOOR	Flange	0.2	1	100	0.000001	8760	0.013027
3727	25-09-2025	CRude tank NO -10 INSIDE DYKE	JET MIXTURE MOV 0085	Flange	0.1	1	100	0.000001	8760	0.008002
3728	25-09-2025	CRude tank NO -10 INSIDE DYKE	JET MIXTURE MOV	Flange	0.0	1	100	0.000000	8760	0.000000
3729	25-09-2025	CRude tank NO -10 INSIDE DYKE	INLET XZV UP STEAM 5019	Flange	0.0	1	100	0.000000	8760	0.000000
3730	25-09-2025	CRude tank NO -10 INSIDE DYKE	INLET XZV DOWN STEAM 5019	Flange	0.0	1	100	0.000000	8760	0.000000
3731	25-09-2025	OUTSIDE DYKE	INLET MOV UPSTEAM 0053	Flange	0.1	1	100	0.000001	8760	0.008002
3732	25-09-2025	OUTSIDE DYKE	INLET MOV DOWNSTEAM 0053	Flange	0.0	1	100	0.000000	8760	0.000000
3733	25-09-2025	OUTSIDE DYKE	HEEL STRIPPING MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3734	25-09-2025	OUTSIDE DYKE	HEEL STRIPPING MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3735	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM 0089	Flange	0.0	1	100	0.000000	8760	0.000000
3736	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3737	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM 0088	Flange	0.0	1	100	0.000000	8760	0.000000
3738	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3739	25-09-2025	OUTSIDE DYKE	ITT SUCTION MOV UP STEAM 0086	Flange	0.0	1	100	0.000000	8760	0.000000
3740	25-09-2025	OUTSIDE DYKE	ITT SUCTION MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3741	25-09-2025	OUTSIDE DYKE	ITT SUCTION MOV UP STEAM 0084	Flange	0.0	1	100	0.000000	8760	0.000000
3742	25-09-2025	OUTSIDE DYKE	ITT SUCTION MOV DOWN STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3743	25-09-2025	END FLANGES	CRUDE OUTLET LAST	Flange	0.0	1	100	0.000000	8760	0.000000

3744	25-09-2025	CRude tank NO -10 Tank Top	RIM SEAL EAST	Flange	0.9	1	100	0.000004	8760	0.037501
3745	25-09-2025	CRude tank NO -10 Tank Top	RIM SEAL WEST	Flange	0.6	1	100	0.000003	8760	0.028200
3746	25-09-2025	CRude tank NO -10 Tank Top	RIM SEAL NORTH	Flange	1.3	1	100	0.000006	8760	0.048563
3747	25-09-2025	CRude tank NO -10 Tank Top	RIM SEAL SOUTH	Flange	0.5	1	100	0.000003	8760	0.024807
3748	25-09-2025	CRude tank NO -10 Tank Top	DIPHATCH	Flange	0.9	1	100	0.000004	8760	0.037501
3749	25-09-2025	CRude tank NO -11 INSIDE DYKE	OUTLET XZV UP STEAM 5022	Flange	0.0	1	100	0.000000	8760	0.000000
3750	25-09-2025	CRude tank NO -11 INSIDE DYKE	OUTLET XZV down steam 5022	Flange	0.1	1	100	0.000001	8760	0.008002
3751	25-09-2025	CRude tank NO -11 INSIDE DYKE	MANWAY A	Flange	0.1	1	100	0.000001	8760	0.008002
3752	25-09-2025	CRude tank NO -11 INSIDE DYKE	MANWAY B	Flange	0.0	1	100	0.000000	8760	0.000000
3753	25-09-2025	CRude tank NO -11 INSIDE DYKE	MANWAY C	Flange	0.0	1	100	0.000000	8760	0.000000
3754	25-09-2025	CRude tank NO -11 INSIDE DYKE	WD/A UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3755	25-09-2025	CRude tank NO -11 INSIDE DYKE	WD/A down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3756	25-09-2025	CRude tank NO -11 INSIDE DYKE	WD/B UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3757	25-09-2025	CRude tank NO -11 INSIDE DYKE	WD/B down steam	Flange	0.0	1	100	0.000000	8760	0.000000
3758	25-09-2025	CRude tank NO -11 INSIDE DYKE	WD/C UP STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3759	25-09-2025	CRude tank NO -11 INSIDE DYKE	WD/C down steam	Flange	0.1	1	100	0.000001	8760	0.008002
3760	25-09-2025	CRude tank NO -11 INSIDE DYKE	WD/D UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3761	25-09-2025	CRude tank NO -11 INSIDE DYKE	WD/D down steam	Flange	0.1	1	100	0.000001	8760	0.008002
3762	25-09-2025	CRude tank NO -11 INSIDE DYKE	CLEAN OUT DOOR	Flange	0.0	1	100	0.000000	8760	0.000000
3763	25-09-2025	CRude tank NO -11 INSIDE DYKE	JET MIXTURE MOV 0094	Flange	0.0	1	100	0.000000	8760	0.000000
3764	25-09-2025	CRude tank NO -11 INSIDE DYKE	JET MIXTURE MOV	Flange	0.0	1	100	0.000000	8760	0.000000
3765	25-09-2025	CRude tank NO -11 INSIDE DYKE	INLET XZV UP STEAM 5021	Flange	0.0	1	100	0.000000	8760	0.000000
3766	25-09-2025	CRude tank NO -11 INSIDE DYKE	INLET XZV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3767	25-09-2025	OUTSIDE DYKE	INLET MOV UPSTEAM 0091	Flange	0.0	1	100	0.000000	8760	0.000000
3768	25-09-2025	OUTSIDE DYKE	INLET MOV DOWNSTEAM 0091	Flange	0.0	1	100	0.000000	8760	0.000000
3769	25-09-2025	OUTSIDE DYKE	HEEL STRIPPING MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3770	25-09-2025	OUTSIDE DYKE	HEEL STRIPPING MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3771	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM 0098	Flange	0.1	1	100	0.000001	8760	0.008002
3772	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3773	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM 0097	Flange	0.1	1	100	0.000001	8760	0.008002
3774	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3775	25-09-2025	OUTSIDE DYKE	ITT SUCTION MOV UP STEAM 0095	Flange	0.0	1	100	0.000000	8760	0.000000
3776	25-09-2025	OUTSIDE DYKE	ITT SUCTION MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3777	25-09-2025	OUTSIDE DYKE	ITT SUCTION MOV UP STEAM 0093	Flange	0.0	1	100	0.000000	8760	0.000000
3778	25-09-2025	OUTSIDE DYKE	ITT SUCTION MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3779	25-09-2025	END FLANGES	CRUDE OUTLET LAST	Flange	0.0	1	100	0.000000	8760	0.000000
3780	25-09-2025	END FLANGES	CRUDE RECEIPT HEADER MOV	Flange	0.2	1	100	0.000001	8760	0.013027
3781	25-09-2025	END FLANGES	CRUDE RECEIPT HEADER MOV	Flange	0.0	1	100	0.000000	8760	0.000000
3782	25-09-2025	END FLANGES	CRUDE RECEIPT HEADER MOV	Flange	0.1	1	100	0.000001	8760	0.008002
3783	25-09-2025	END FLANGES	ITT PUMP SUCTION HEADER	Flange	0.1	1	100	0.000001	8760	0.008002
3784	25-09-2025	END FLANGES	ITT PUMP SUCTION HEADER	Flange	0.0	1	100	0.000000	8760	0.000000
3785	25-09-2025	END FLANGES	PUMP SUCTION MOV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3786	25-09-2025	END FLANGES	PUMP SUCTION MOV 2 DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3787	25-09-2025	END FLANGES	PUMP SUCTION MOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3788	25-09-2025	END FLANGES	PUMP SUCTION MOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3789	25-09-2025	END FLANGES	ITT MAIN DELIVERY HEADER MOV	Flange	0.0	1	100	0.000000	8760	0.000000
3790	25-09-2025	END FLANGES	ITT MAIN DELIVERY HEADER MOV	Flange	0.0	1	100	0.000000	8760	0.000000
3791	25-09-2025	CRude tank NO -11 Tank Top	RIM SEAL EAST	Flange	2.1	1	100	0.000008	8760	0.068034
3792	25-09-2025	CRude tank NO -11 Tank Top	RIM SEAL WEST	Flange	1.5	1	100	0.000006	8760	0.053703
3793	25-09-2025	CRude tank NO -11 Tank Top	RIM SEAL NORTH	Flange	3.0	1	100	0.000010	8760	0.087422
3794	25-09-2025	CRude tank NO -11 Tank Top	RIM SEAL SOUTH	Flange	1.4	1	100	0.000006	8760	0.051160
3795	25-09-2025	CRude tank NO -11 Tank Top	DIPHATCH	Flange	0.8	1	100	0.000004	8760	0.034521
3796	25-09-2025	CRude tank NO -11 OTHER FLANGES	CRUDE INLET MOV - 2 - 009 UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3797	25-09-2025	CRude tank NO -11 OTHER FLANGES	CRUDE INLET MOV - 2 - 009 DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3798	25-09-2025	CRude tank NO -11 OTHER FLANGES	HOV UP STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
3799	25-09-2025	CRude tank NO -11 OTHER FLANGES	HOV DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3800	25-09-2025	CRude tank NO -11 OTHER FLANGES	PSV UP STEAM	Flange	0.4	1	100	0.000002	8760	0.021206
3801	25-09-2025	CRude tank NO -11 OTHER FLANGES	PSV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3802	25-09-2025	CRude tank NO -11 OTHER FLANGES	HOV - 2 UP STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3803	25-09-2025	CRude tank NO -11 OTHER FLANGES	HOV - 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3804	25-09-2025	CRude tank NO -11 OTHER FLANGES	PSV UP STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
3805	25-09-2025	CRude tank NO -11 OTHER FLANGES	PSV DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3806	25-09-2025	CRUDE BLENDING SYSTEM FLANGE - A	BYEPASS HOV UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3807	25-09-2025	CRUDE BLENDING SYSTEM FLANGE - A	BYEPASS HOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3808	25-09-2025	CRUDE BLENDING SYSTEM FLANGE - A	HOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3809	25-09-2025	CRUDE BLENDING SYSTEM FLANGE - A	HOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3810	25-09-2025	CRUDE BLENDING SYSTEM FLANGE - A	HOV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3811	25-09-2025	CRUDE BLENDING SYSTEM FLANGE - A	HOV 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3812	25-09-2025	CRUDE BLENDING SYSTEM FLANGE - A	FCV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3813	25-09-2025	CRUDE BLENDING SYSTEM FLANGE - A	FCV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3814	25-09-2025	CRUDE BLENDING SYSTEM FLANGE - A	NRV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3815	25-09-2025	CRUDE BLENDING SYSTEM FLANGE - A	NRV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3816	25-09-2025	CRUDE BLENDING SYSTEM FLANGE - B	BYEPASS HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3817	25-09-2025	CRUDE BLENDING SYSTEM FLANGE - B	BYEPASS HOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3818	25-09-2025	CRUDE BLENDING SYSTEM FLANGE - B	HOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3819	25-09-2025	CRUDE BLENDING SYSTEM FLANGE - B	HOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3820	25-09-2025	CRUDE BLENDING SYSTEM FLANGE - B	HOV 2 UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3821	25-09-2025	CRUDE BLENDING SYSTEM FLANGE - B	HOV 2 DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3822	25-09-2025	CRUDE BLENDING SYSTEM FLANGE - B	FCV 1 UPSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
3823	25-09-2025	CRUDE BLENDING SYSTEM FLANGE - B	FCV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3824	25-09-2025	CRUDE BLENDING SYSTEM FLANGE - B	NRV 1 UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3825	25-09-2025	CRUDE BLENDING SYSTEM FLANGE - B	NRV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3826	25-09-2025	CRUDE BLENDING SYSTEM FLANGE - B	AUTO SAMPLER FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
3827	25-09-2025	CRUDE BLENDING SYSTEM FLANGE - B	AUTO SAMPLER FLANGE	Flange	0.1	1	100	0.000001	8760	0.008002
3828	25-09-2025	CRUDE BLENDING SYSTEM FLANGE - C	BYEPASS HOV UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3829	25-09-2025	CRUDE BLENDING SYSTEM FLANGE - C	BYEPASS HOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3830	25-09-2025	CRUDE BLENDING SYSTEM FLANGE - C	HOV 1 UPSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027

3831	25-09-2025	CRUDE BLENDING SYSTEM FLANGE - C	HOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3832	25-09-2025	CRUDE BLENDING SYSTEM FLANGE - C	HOV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3833	25-09-2025	CRUDE BLENDING SYSTEM FLANGE - C	HOV 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3834	25-09-2025	CRUDE BLENDING SYSTEM FLANGE - C	FCV 1 UPSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
3835	25-09-2025	CRUDE BLENDING SYSTEM FLANGE - C	FCV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3836	25-09-2025	CRUDE BLENDING SYSTEM FLANGE - C	NRV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3837	25-09-2025	CRUDE BLENDING SYSTEM FLANGE - C	NRV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3838	25-09-2025	CRUDE BLENDING SYSTEM FLANGE - D	BYEPASS HOV UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3839	25-09-2025	CRUDE BLENDING SYSTEM FLANGE - D	BYEPASS HOV DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3840	25-09-2025	CRUDE BLENDING SYSTEM FLANGE - D	HOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3841	25-09-2025	CRUDE BLENDING SYSTEM FLANGE - D	HOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3842	25-09-2025	CRUDE BLENDING SYSTEM FLANGE - D	HOV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3843	25-09-2025	CRUDE BLENDING SYSTEM FLANGE - D	HOV 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3844	25-09-2025	CRUDE BLENDING SYSTEM FLANGE - D	FCV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3845	25-09-2025	CRUDE BLENDING SYSTEM FLANGE - D	FCV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3846	25-09-2025	CRUDE BLENDING SYSTEM FLANGE - D	NRV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3847	25-09-2025	CRUDE BLENDING SYSTEM FLANGE - D	NRV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3848	25-09-2025	CRUDE BLENDING SYSTEM FLANGE - E	BYEPASS HOV UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3849	25-09-2025	CRUDE BLENDING SYSTEM FLANGE - E	BYEPASS HOV DOWNSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
3850	25-09-2025	CRUDE BLENDING SYSTEM FLANGE - E	HOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3851	25-09-2025	CRUDE BLENDING SYSTEM FLANGE - E	HOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3852	25-09-2025	CRUDE BLENDING SYSTEM FLANGE - E	HOV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3853	25-09-2025	CRUDE BLENDING SYSTEM FLANGE - E	HOV 2 DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3854	25-09-2025	CRUDE BLENDING SYSTEM FLANGE - E	FCV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3855	25-09-2025	CRUDE BLENDING SYSTEM FLANGE - E	FCV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3856	25-09-2025	CRUDE BLENDING SYSTEM FLANGE - E	NRV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3857	25-09-2025	CRUDE BLENDING SYSTEM FLANGE - E	NRV 1 DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3858	25-09-2025	CRUDE BLENDING SYSTEM FLANGE - E	END FLANGES	Flange	0.1	1	100	0.000001	8760	0.008002
3859	25-09-2025	BATTERY LIMIT VALVE	HOV 1 UPSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
3860	25-09-2025	BATTERY LIMIT VALVE	HOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3861	25-09-2025	BATTERY LIMIT VALVE	HOV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3862	25-09-2025	BATTERY LIMIT VALVE	HOV 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3863	25-09-2025	BATTERY LIMIT VALVE	SLOPE HEADER HOV 1 UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3864	25-09-2025	BATTERY LIMIT VALVE	SLOPE HEADER HOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3865	25-09-2025	BATTERY LIMIT VALVE	SLOPE HEADER HOV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3866	25-09-2025	BATTERY LIMIT VALVE	SLOPE HEADER HOV 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3867	25-09-2025	BATTERY LIMIT VALVE	START UP RECYCLE FROM AVU HOV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3868	25-09-2025	BATTERY LIMIT VALVE	START UP RECYCLE FROM AVU HOV 2 DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3869	25-09-2025	BATTERY LIMIT VALVE	CRUDE OIL FROM MELTING FIT NRV 1 UPSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
3870	25-09-2025	BATTERY LIMIT VALVE	CRUDE OIL FROM MELTING FIT NRV 1 DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3871	25-09-2025	BATTERY LIMIT VALVE	NRV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3872	25-09-2025	BATTERY LIMIT VALVE	NRV 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3873	25-09-2025	BATTERY LIMIT VALVE	HOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3874	25-09-2025	BATTERY LIMIT VALVE	HOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3875	25-09-2025	BATTERY LIMIT VALVE	STEAM LINE HEADER UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3876	25-09-2025	BATTERY LIMIT VALVE	STEAM LINE HEADER DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3877	25-09-2025	BATTERY LIMIT VALVE	UPSTEAM FLANGE	Flange	0.0	1	100	0.000000	8760	0.000000
3878	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 A	SUCTION MOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3879	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 A	SUCTION MOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3880	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 A	SUCTION MOV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3881	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 A	SUCTION MOV 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3882	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 A	BASKET FILTER HOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3883	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 A	BASKET FILTER HOV 1 DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3884	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 A	BASKET FILTER HOV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3885	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 A	BASKET FILTER HOV 2 DOWNSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
3886	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 A	BASKET FILTER - 1	Flange	0.0	1	100	0.000000	8760	0.000000
3887	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 A	BASKET FILTER - 2	Flange	0.2	1	100	0.000001	8760	0.013027
3888	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 A	SUCTION LINE PSV AND MOV	Flange	0.0	1	100	0.000000	8760	0.000000
3889	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 A	SUCTION LINE PSV AND MOV	Flange	0.1	1	100	0.000001	8760	0.008002
3890	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 A	PUMP SEAL	Pump Seal	0.1	1	100	0.000001	8760	0.008002
3891	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 A	DISCHARGE LINE NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3892	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 A	DISCHARGE LINE NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3893	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 A	DISCHARGE LINE MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3894	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 A	DISCHARGE LINE MOV UP STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3895	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 A	DISCHARGE LINE NRV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3896	25-09-2025	FLOW CONTROL VALVE	FCV 1001 UP STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
3897	25-09-2025	FLOW CONTROL VALVE	FCV 1001 DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3898	25-09-2025	FLOW CONTROL VALVE	HOV -1-UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3899	25-09-2025	FLOW CONTROL VALVE	HOV-1- DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3900	25-09-2025	FLOW CONTROL VALVE	HOV-2-UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3901	25-09-2025	FLOW CONTROL VALVE	HOV-2- DOWN STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3902	25-09-2025	FLOW CONTROL VALVE	HOV-3- UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3903	25-09-2025	FLOW CONTROL VALVE	HOV-3- DOWN STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
3904	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 B	SUCTION MOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3905	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 B	SUCTION MOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3906	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 B	SUCTION MOV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3907	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 B	SUCTION MOV 2 DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3908	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 B	BASKET FILTER HOV 1 UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3909	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 B	BASKET FILTER HOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3910	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 B	BASKET FILTER HOV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3911	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 B	BASKET FILTER HOV 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3912	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 B	BASKET FILTER - 1	Flange	0.0	1	100	0.000000	8760	0.000000
3913	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 B	BASKET FILTER - 2	Flange	0.0	1	100	0.000000	8760	0.000000
3914	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 B	SUCTION LINE PSV AND MOV	Flange	0.0	1	100	0.000000	8760	0.000000
3915	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 B	SUCTION LINE PSV AND MOV	Flange	0.0	1	100	0.000000	8760	0.000000
3916	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 B	PUMP SEAL	Pump Seal	0.0	1	100	0.000000	8760	0.000000
3917	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 B	DISCHARGE LINE NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000

3918	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 B	DISCHARGE LINE NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3919	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 B	DISCHARGE LINE MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3920	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 B	DISCHARGE LINE MOV UP STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
3921	25-09-2025	FLOW CONTROL VALVE	FCV 1002 UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3922	25-09-2025	FLOW CONTROL VALVE	FCV 1002 DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3923	25-09-2025	FLOW CONTROL VALVE	HOV -1-UP STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3924	25-09-2025	FLOW CONTROL VALVE	HOV-1- DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3925	25-09-2025	FLOW CONTROL VALVE	HOV-2-UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3926	25-09-2025	FLOW CONTROL VALVE	HOV-2- DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3927	25-09-2025	FLOW CONTROL VALVE	HOV-3- UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3928	25-09-2025	FLOW CONTROL VALVE	HOV-3- DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3929	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 C	SUCTION MOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3930	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 C	SUCTION MOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3931	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 C	SUCTION MOV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3932	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 C	SUCTION MOV 2 DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3933	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 C	BASKET FILTER HOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3934	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 C	BASKET FILTER HOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3935	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 C	BASKET FILTER HOV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3936	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 C	BASKET FILTER HOV 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3937	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 C	BASKET FILTER - 1	Flange	0.0	1	100	0.000000	8760	0.000000
3938	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 C	BASKET FILTER - 2	Flange	0.0	1	100	0.000000	8760	0.000000
3939	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 C	SUCTION LINE PSV AND MOV	Flange	0.0	1	100	0.000000	8760	0.000000
3940	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 C	SUCTION LINE PSV AND MOV	Flange	0.0	1	100	0.000000	8760	0.000000
3941	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 C	PUMP SEAL	Pump Seal	0.1	1	100	0.000001	8760	0.008002
3942	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 C	DISCHARGE LINE NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3943	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 C	DISCHARGE LINE NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3944	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 C	DISCHARGE LINE MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3945	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 C	DISCHARGE LINE MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3946	25-09-2025	FLOW CONTROL VALVE	FCV 1003 UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3947	25-09-2025	FLOW CONTROL VALVE	FCV 1003 DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3948	25-09-2025	FLOW CONTROL VALVE	HOV -1-UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3949	25-09-2025	FLOW CONTROL VALVE	HOV-1- DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3950	25-09-2025	FLOW CONTROL VALVE	HOV-2-UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3951	25-09-2025	FLOW CONTROL VALVE	HOV-2- DOWN STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3952	25-09-2025	FLOW CONTROL VALVE	HOV-3- UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3953	25-09-2025	FLOW CONTROL VALVE	HOV-3- DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3954	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 D	SUCTION MOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3955	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 D	SUCTION MOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3956	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 D	SUCTION MOV 2 UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3957	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 D	SUCTION MOV 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3958	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 D	BASKET FILTER HOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3959	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 D	BASKET FILTER HOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3960	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 D	BASKET FILTER HOV 2 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3961	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 D	BASKET FILTER HOV 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3962	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 D	BASKET FILTER - 1	Flange	0.0	1	100	0.000000	8760	0.000000
3963	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 D	BASKET FILTER - 2	Flange	0.0	1	100	0.000000	8760	0.000000
3964	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 D	SUCTION LINE PSV AND MOV	Flange	0.0	1	100	0.000000	8760	0.000000
3965	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 D	SUCTION LINE PSV AND MOV	Flange	0.0	1	100	0.000000	8760	0.000000
3966	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 D	PUMP SEAL	Pump Seal	0.0	1	100	0.000000	8760	0.000000
3967	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 D	DISCHARGE LINE NRV UP STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3968	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 D	DISCHARGE LINE NRV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3969	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 D	DISCHARGE LINE MOV UP STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
3970	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 D	DISCHARGE LINE MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3971	25-09-2025	FLOW CONTROL VALVE	FCV 1004 UP STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3972	25-09-2025	FLOW CONTROL VALVE	FCV 1004 DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3973	25-09-2025	FLOW CONTROL VALVE	HOV -1-UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3974	25-09-2025	FLOW CONTROL VALVE	HOV-1- DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3975	25-09-2025	FLOW CONTROL VALVE	HOV-2-UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3976	25-09-2025	FLOW CONTROL VALVE	HOV-2- DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3977	25-09-2025	FLOW CONTROL VALVE	HOV-3- UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3978	25-09-2025	FLOW CONTROL VALVE	HOV-3- DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3979	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 E	SUCTION MOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3980	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 E	SUCTION MOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3981	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 E	SUCTION MOV 2 UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
3982	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 E	SUCTION MOV 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3983	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 E	BASKET FILTER HOV 1 UPSTEAM	Flange	0.4	1	100	0.000002	8760	0.021206
3984	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 E	BASKET FILTER HOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3985	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 E	BASKET FILTER HOV 2 UPSTEAM	Flange	0.9	1	100	0.000004	8760	0.037501
3986	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 E	BASKET FILTER HOV 2 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3987	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 E	BASKET FILTER - 1	Flange	0.0	1	100	0.000000	8760	0.000000
3988	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 E	BASKET FILTER - 2	Flange	0.0	1	100	0.000000	8760	0.000000
3989	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 E	SUCTION LINE PSV AND MOV	Flange	0.0	1	100	0.000000	8760	0.000000
3990	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 E	SUCTION LINE PSV AND MOV	Flange	0.2	1	100	0.000001	8760	0.013027
3991	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 E	PUMP SEAL	Pump Seal	0.0	1	100	0.000000	8760	0.000000
3992	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 E	DISCHARGE LINE NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3993	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 E	DISCHARGE LINE NRV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3994	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 E	DISCHARGE LINE MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3995	25-09-2025	CRUDE CHARGE PUMP FLANGE 201 - P - 001 E	DISCHARGE LINE MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3996	25-09-2025	FLOW CONTROL VALVE	FCV 1004 UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3997	25-09-2025	FLOW CONTROL VALVE	FCV 1004 DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
3998	25-09-2025	FLOW CONTROL VALVE	HOV -1-UP STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
3999	25-09-2025	FLOW CONTROL VALVE	HOV-1- DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4000	25-09-2025	FLOW CONTROL VALVE	HOV-2-UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4001	25-09-2025	FLOW CONTROL VALVE	HOV-2- DOWN STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
4002	25-09-2025	FLOW CONTROL VALVE	HOV-3- UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4003	25-09-2025	FLOW CONTROL VALVE	HOV-3- DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4004	25-09-2025	CRUDE ITT PUMP FLANGE 201 P 002 A	SUCTION MOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000

4005	25-09-2025	CRUDE ITT PUMP FLANGE 201 P 002 A	SUCTION MOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4006	25-09-2025	CRUDE ITT PUMP FLANGE 201 P 002 A	BASKET FILTER HOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4007	25-09-2025	CRUDE ITT PUMP FLANGE 201 P 002 A	BASKET FILTER HOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4008	25-09-2025	CRUDE ITT PUMP FLANGE 201 P 002 A	DISCHARGE LINE NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4009	25-09-2025	CRUDE ITT PUMP FLANGE 201 P 002 A	DISCHARGE LINE NRV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4010	25-09-2025	CRUDE ITT PUMP FLANGE 201 P 002 A	DISCHARGE LINE MOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4011	25-09-2025	CRUDE ITT PUMP FLANGE 201 P 002 A	DISCHARGE LINE MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4012	25-09-2025	CRUDE ITT PUMP FLANGE 201 P 002 A	MOV 1 - UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4013	25-09-2025	CRUDE ITT PUMP FLANGE 201 P 002 A	MOV 1 - DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4014	25-09-2025	CRUDE ITT PUMP FLANGE 201 P 002 A	MOV 2 - UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4015	25-09-2025	CRUDE ITT PUMP FLANGE 201 P 002 A	MOV 2 - DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4016	25-09-2025	CRUDE ITT PUMP FLANGE 201 P 002 A	FCV 0011 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4017	25-09-2025	CRUDE ITT PUMP FLANGE 201 P 002 A	FCV 0011 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4018	25-09-2025	CRUDE ITT PUMP FLANGE 201 P 002 A	HOV -1-UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4019	25-09-2025	CRUDE ITT PUMP FLANGE 201 P 002 A	HOV-1- DOWN STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
4020	25-09-2025	CRUDE ITT PUMP FLANGE 201 P 002 A	HOV-2-UP STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
4021	25-09-2025	CRUDE ITT PUMP FLANGE 201 P 002 A	HOV-2- DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4022	25-09-2025	CRUDE ITT PUMP FLANGE 201 P 002 A	HOV-3- UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4023	25-09-2025	CRUDE ITT PUMP FLANGE 201 P 002 A	HOV-3- DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4024	25-09-2025	CRUDE ITT PUMP FLANGE 201 P 002 B	SUCTION MOV 1 UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4025	25-09-2025	CRUDE ITT PUMP FLANGE 201 P 002 B	SUCTION MOV 1 DOWNSTEAM	Flange	0.2	1	100	0.000001	8760	0.013027
4026	25-09-2025	CRUDE ITT PUMP FLANGE 201 P 002 B	BASKET FILTER HOV 1 UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
4027	25-09-2025	CRUDE ITT PUMP FLANGE 201 P 002 B	BASKET FILTER HOV 1 DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4028	25-09-2025	CRUDE ITT PUMP FLANGE 201 P 002 B	DISCHARGE LINE NRV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4029	25-09-2025	CRUDE ITT PUMP FLANGE 201 P 002 B	DISCHARGE LINE NRV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4030	25-09-2025	CRUDE ITT PUMP FLANGE 201 P 002 B	DISCHARGE LINE MOV UP STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
4031	25-09-2025	CRUDE ITT PUMP FLANGE 201 P 002 B	DISCHARGE LINE MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4032	25-09-2025	CRUDE ITT PUMP FLANGE 201 P 002 B	MOV 1 - UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
4033	25-09-2025	CRUDE ITT PUMP FLANGE 201 P 002 B	MOV 1 - DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4034	25-09-2025	CRUDE ITT PUMP FLANGE 201 P 002 B	MOV 2 - UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4035	25-09-2025	CRUDE ITT PUMP FLANGE 201 P 002 B	MOV 2 - DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4036	25-09-2025	CRUDE ITT PUMP FLANGE 201 P 002 B	MOV 3 - UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4037	25-09-2025	CRUDE ITT PUMP FLANGE 201 P 002 B	MOV 3 - DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4038	25-09-2025	CRUDE ITT PUMP FLANGE 201 P 002 B	MOV 4 - UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4039	25-09-2025	CRUDE ITT PUMP FLANGE 201 P 002 B	MOV 4 - DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4040	25-09-2025	CRUDE ITT PUMP FLANGE 201 P 002 B	MOV 5 - UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
4041	25-09-2025	CRUDE ITT PUMP FLANGE 201 P 002 B	MOV 5 - DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
4042	25-09-2025	CRUDE ITT PUMP FLANGE 201 P 002 B	STRAINER MOV UPSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
4043	25-09-2025	CRUDE ITT PUMP FLANGE 201 P 002 B	STRAINER MOV DOWNSTEAM	Flange	0.1	1	100	0.000001	8760	0.008002
4044	25-09-2025	TPI FLANGE	HOV AT OILY WATER UPSTEM	Flange	0.2	1	100	0.000001	8760	0.013027
4045	25-09-2025	TPI FLANGE	HOV AT OILY WATER DOWNSTEM	Flange	0.0	1	100	0.000000	8760	0.000000
4046	25-09-2025	TPI FLANGE	FLANGE CONNECTED TO GROUND TANK	Flange	0.0	1	100	0.000000	8760	0.000000
4047	25-09-2025	TPI FLANGE	FLANGE CONNECTED TO TK-1101A	Flange	0.0	1	100	0.000000	8760	0.000000
4048	25-09-2025	TPI FLANGE	FLANGE DISCHARGE LINE OF K-1101A	Flange	0.0	1	100	0.000000	8760	0.000000
4049	25-09-2025	TPI FLANGE	HOV FLANGE FROM WATER	Flange	0.0	1	100	0.000000	8760	0.000000
4050	25-09-2025	TPI FLANGE	GROUND OILY WATER TANK	Flange	0.0	1	100	0.000000	8760	0.000000
4051	25-09-2025	TPI FLANGE	SUCTION AND DISCHARGE SCREW PUMP	Flange	0.0	1	100	0.000000	8760	0.000000
4052	25-09-2025	TPI FLANGE	HOV - 1 OILY WATER TO TPI UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4053	25-09-2025	TPI FLANGE	HOV - 1 OILY WATER TO TPI DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4054	25-09-2025	TPI FLANGE	HOV - 2 OILY WATER TO TPI UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4055	25-09-2025	TPI FLANGE	HOV - 2 OILY WATER TO TPI DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4056	25-09-2025	TPI FLANGE	SKIMMED OIL LINE TK 1101A	Flange	0.0	1	100	0.000000	8760	0.000000
4057	25-09-2025	TPI FLANGE	SKIMMED OIL LINE TK 1102A	Flange	0.0	1	100	0.000000	8760	0.000000
4058	25-09-2025	TPI FLANGE	SKIMMED OIL LINE TK 1102C	Flange	0.1	1	100	0.000001	8760	0.008002
4059	25-09-2025	TPI FLANGE	TPI INLET TK-1101A UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4060	25-09-2025	TPI FLANGE	TPI INLET TK-1101A DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4061	25-09-2025	TPI FLANGE	TPI INLET TK-1101C UPSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4062	25-09-2025	TPI FLANGE	TPI INLET TK-1101C DOWNSTEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4063	25-09-2025	TPI FLANGE	FLANGE SUCTION BLOWER OF VOC ABSORBER	Flange	0.0	1	100	0.000000	8760	0.000000
4064	25-09-2025	CRUDE TANK	TK 01 PSVUP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4065	25-09-2025	CRUDE TANK	TK 01 PSV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4066	25-09-2025	CRUDE TANK	STREAM HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4067	25-09-2025	CRUDE TANK	STREAM HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4068	25-09-2025	CRUDE TANK	TK 02 PSVUP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4069	25-09-2025	CRUDE TANK	TK 02 PSV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4070	25-09-2025	CRUDE TANK	STREAM HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4071	25-09-2025	CRUDE TANK	STREAM HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4072	25-09-2025	CRUDE TANK	TK 03 PSVUP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4073	25-09-2025	CRUDE TANK	TK 03PSV DOWN STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
4074	25-09-2025	CRUDE TANK	STREAM HOV UP STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
4075	25-09-2025	CRUDE TANK	STREAM HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4076	25-09-2025	CRUDE TANK	TK 04 PSVUP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4077	25-09-2025	CRUDE TANK	TK 04PSV DOWN STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
4078	25-09-2025	CRUDE TANK	STREAM HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4079	25-09-2025	CRUDE TANK	STREAM HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4080	25-09-2025	CRUDE TANK	TK 05 PSVUP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4081	25-09-2025	CRUDE TANK	TK 05PSV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4082	25-09-2025	CRUDE TANK	STREAM HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4083	25-09-2025	CRUDE TANK	STREAM HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4084	25-09-2025	CRUDE TANK	TK 06 PSVUP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4085	25-09-2025	CRUDE TANK	TK 06 PSV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4086	25-09-2025	CRUDE TANK	STREAM HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4087	25-09-2025	CRUDE TANK	STREAM HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4088	25-09-2025	CRUDE TANK	TK 07 PSVUP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4089	25-09-2025	CRUDE TANK	TK 07 PSV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4090	25-09-2025	CRUDE TANK	STREAM HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4091	25-09-2025	CRUDE TANK	STREAM HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000

4092	25-09-2025	CRUDE TANK	TK 08 PSVUP STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
4093	25-09-2025	CRUDE TANK	TK 08 PSV DOWN STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
4094	25-09-2025	CRUDE TANK	STREAM HOV UP STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
4095	25-09-2025	CRUDE TANK	STREAM HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4096	25-09-2025	CRUDE TANK	TK 09 PSVUP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4097	25-09-2025	CRUDE TANK	TK 09 PSV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4098	25-09-2025	CRUDE TANK	STREAM HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4099	25-09-2025	CRUDE TANK	STREAM HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4100	25-09-2025	CRUDE TANK	LAST HOV	Flange	0.0	1	100	0.000000	8760	0.000000
4101	25-09-2025	CRude tank NO -12 INSIDE DYKE	OUTLET XZV UP STEAM 5024	Flange	0.0	1	100	0.000000	8760	0.000000
4102	25-09-2025	CRude tank NO -12 INSIDE DYKE	OUTLET XZV down steam 5024	Flange	0.0	1	100	0.000000	8760	0.000000
4103	25-09-2025	CRude tank NO -12 INSIDE DYKE	MANWAY A	Flange	0.2	1	100	0.000001	8760	0.013027
4104	25-09-2025	CRude tank NO -12 INSIDE DYKE	MANWAY B	Flange	0.0	1	100	0.000000	8760	0.000000
4105	25-09-2025	CRude tank NO -12 INSIDE DYKE	MANWAY C	Flange	0.0	1	100	0.000000	8760	0.000000
4106	25-09-2025	CRude tank NO -12 INSIDE DYKE	WD/A UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4107	25-09-2025	CRude tank NO -12 INSIDE DYKE	WD/A down steam	Flange	0.0	1	100	0.000000	8760	0.000000
4108	25-09-2025	CRude tank NO -12 INSIDE DYKE	WD/B UP STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
4109	25-09-2025	CRude tank NO -12 INSIDE DYKE	WD/B down steam	Flange	0.1	1	100	0.000001	8760	0.008002
4110	25-09-2025	CRude tank NO -12 INSIDE DYKE	WD/C UP STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
4111	25-09-2025	CRude tank NO -12 INSIDE DYKE	WD/C down steam	Flange	0.1	1	100	0.000001	8760	0.008002
4112	25-09-2025	CRude tank NO -12 INSIDE DYKE	WD/D UP STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
4113	25-09-2025	CRude tank NO -12 INSIDE DYKE	WD/D down steam	Flange	0.1	1	100	0.000001	8760	0.008002
4114	25-09-2025	CRude tank NO -12 INSIDE DYKE	CLEAN OUT DOOR	Flange	0.1	1	100	0.000001	8760	0.008002
4115	25-09-2025	CRude tank NO -12 INSIDE DYKE	JET MIXTURE MOV 0103	Flange	0.0	1	100	0.000000	8760	0.000000
4116	25-09-2025	CRude tank NO -12 INSIDE DYKE	JET MIXTURE MOV	Flange	0.0	1	100	0.000000	8760	0.000000
4117	25-09-2025	CRude tank NO -12 INSIDE DYKE	INLET XZV UP STEAM 5023	Flange	0.0	1	100	0.000000	8760	0.000000
4118	25-09-2025	CRude tank NO -12 INSIDE DYKE	INLET XZV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4119	25-09-2025	OUTSIDE DYKE	INLET MOV 0100	Flange	0.0	1	100	0.000000	8760	0.000000
4120	25-09-2025	OUTSIDE DYKE	INLET MOV 0101	Flange	0.0	1	100	0.000000	8760	0.000000
4121	25-09-2025	OUTSIDE DYKE	HEEL STRIPPING HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4122	25-09-2025	OUTSIDE DYKE	HEEL STRIPPING HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4123	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM 0106	Flange	0.2	1	100	0.000001	8760	0.013027
4124	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4125	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM 0107	Flange	0.0	1	100	0.000000	8760	0.000000
4126	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4127	25-09-2025	OUTSIDE DYKE	ITT SUCTION MOV UP STEAM 0104	Flange	0.0	1	100	0.000000	8760	0.000000
4128	25-09-2025	OUTSIDE DYKE	ITT SUCTION MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4129	25-09-2025	OUTSIDE DYKE	ITT DISCHARGE MOV UP STEAM 0102	Flange	0.1	1	100	0.000001	8760	0.008002
4130	25-09-2025	OUTSIDE DYKE	ITT DISCHARGE MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4131	25-09-2025	END FLANGES	CRUDE OUTLET LAST	Flange	0.0	1	100	0.000000	8760	0.000000
4132	25-09-2025	CRude tank NO -12 Tank Top	RIM SEAL EAST	Flange	0.8	1	100	0.000004	8760	0.034521
4133	25-09-2025	CRude tank NO -12 Tank Top	RIM SEAL WEST	Flange	0.4	1	100	0.000002	8760	0.021206
4134	25-09-2025	CRude tank NO -12 Tank Top	RIM SEAL NORTH	Flange	1.3	1	100	0.000006	8760	0.048563
4135	25-09-2025	CRude tank NO -12 Tank Top	RIM SEAL SOUTH	Flange	0.9	1	100	0.000004	8760	0.037501
4136	25-09-2025	CRude tank NO -12 Tank Top	DIPHATCH	Flange	0.5	1	100	0.000003	8760	0.024807
4137	25-09-2025	CRude tank NO -13 INSIDE DYKE	OUTLET XZV UP STEAM 5026	Flange	0.0	1	100	0.000000	8760	0.000000
4138	25-09-2025	CRude tank NO -13 INSIDE DYKE	OUTLET XZV down steam 5026	Flange	0.0	1	100	0.000000	8760	0.000000
4139	25-09-2025	CRude tank NO -13 INSIDE DYKE	MANWAY A	Flange	0.0	1	100	0.000000	8760	0.000000
4140	25-09-2025	CRude tank NO -13 INSIDE DYKE	MANWAY B	Flange	0.0	1	100	0.000000	8760	0.000000
4141	25-09-2025	CRude tank NO -13 INSIDE DYKE	MANWAY C	Flange	0.0	1	100	0.000000	8760	0.000000
4142	25-09-2025	CRude tank NO -13 INSIDE DYKE	WD/A UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4143	25-09-2025	CRude tank NO -13 INSIDE DYKE	WD/A down steam	Flange	0.0	1	100	0.000000	8760	0.000000
4144	25-09-2025	CRude tank NO -13 INSIDE DYKE	WD/B UP STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
4145	25-09-2025	CRude tank NO -13 INSIDE DYKE	WD/B down steam	Flange	0.0	1	100	0.000000	8760	0.000000
4146	25-09-2025	CRude tank NO -13 INSIDE DYKE	WD/C UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4147	25-09-2025	CRude tank NO -13 INSIDE DYKE	WD/C down steam	Flange	0.0	1	100	0.000000	8760	0.000000
4148	25-09-2025	CRude tank NO -13 INSIDE DYKE	WD/D UP STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
4149	25-09-2025	CRude tank NO -13 INSIDE DYKE	WD/D down steam	Flange	0.0	1	100	0.000000	8760	0.000000
4150	25-09-2025	CRude tank NO -13 INSIDE DYKE	CLEAN OUT DOOR	Flange	0.2	1	100	0.000001	8760	0.013027
4151	25-09-2025	CRude tank NO -13 INSIDE DYKE	JET MIXTURE MOV 0112	Flange	0.1	1	100	0.000001	8760	0.008002
4152	25-09-2025	CRude tank NO -13 INSIDE DYKE	JET MIXTURE MOV	Flange	0.0	1	100	0.000000	8760	0.000000
4153	25-09-2025	CRude tank NO -13 INSIDE DYKE	INLET XZV UP STEAM 5025	Flange	0.0	1	100	0.000000	8760	0.000000
4154	25-09-2025	CRude tank NO -13 INSIDE DYKE	INLET XZV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4155	25-09-2025	OUTSIDE DYKE	INLET MOV 0110	Flange	0.0	1	100	0.000000	8760	0.000000
4156	25-09-2025	OUTSIDE DYKE	INLET MOV 0109	Flange	0.1	1	100	0.000001	8760	0.008002
4157	25-09-2025	OUTSIDE DYKE	HEEL STRIPPING HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4158	25-09-2025	OUTSIDE DYKE	HEEL STRIPPING HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4159	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM 0116	Flange	0.0	1	100	0.000000	8760	0.000000
4160	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4161	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM 0115	Flange	0.0	1	100	0.000000	8760	0.000000
4162	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4163	25-09-2025	OUTSIDE DYKE	ITT SUCTION MOV UP STEAM 0113	Flange	0.0	1	100	0.000000	8760	0.000000
4164	25-09-2025	OUTSIDE DYKE	ITT SUCTION MOV DOWN STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
4165	25-09-2025	OUTSIDE DYKE	ITT DISCHARGE MOV UP STEAM 0111	Flange	0.0	1	100	0.000000	8760	0.000000
4166	25-09-2025	OUTSIDE DYKE	ITT DISCHARGE MOV DOWN STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
4167	25-09-2025	END FLANGES	CRUDE OUTLET LAST	Flange	0.0	1	100	0.000000	8760	0.000000
4168	25-09-2025	CRude tank NO -13 Tank Top	RIM SEAL EAST	Flange	0.9	1	100	0.000004	8760	0.037501
4169	25-09-2025	CRude tank NO -13 Tank Top	RIM SEAL WEST	Flange	0.7	1	100	0.000004	8760	0.031427
4170	25-09-2025	CRude tank NO -13 Tank Top	RIM SEAL NORTH	Flange	0.6	1	100	0.000003	8760	0.028200
4171	25-09-2025	CRude tank NO -13 Tank Top	RIM SEAL SOUTH	Flange	0.0	1	100	0.000000	8760	0.000000
4172	25-09-2025	CRude tank NO -13 Tank Top	DIPHATCH	Flange	0.0	1	100	0.000000	8760	0.000000
4173	25-09-2025	CRude tank NO -14 INSIDE DYKE	OUTLET XZV UP STEAM 5028	Flange	0.0	1	100	0.000000	8760	0.000000
4174	25-09-2025	CRude tank NO -14 INSIDE DYKE	OUTLET XZV down steam 5028	Flange	0.0	1	100	0.000000	8760	0.000000
4175	25-09-2025	CRude tank NO -14 INSIDE DYKE	MANWAY A	Flange	0.0	1	100	0.000000	8760	0.000000

4176	25-09-2025	CRude tank NO -14 INSIDE DYKE	MANWAY B	Flange	0.1	1	100	0.000001	8760	0.008002
4177	25-09-2025	CRude tank NO -14 INSIDE DYKE	MANWAY C	Flange	0.0	1	100	0.000000	8760	0.000000
4178	25-09-2025	CRude tank NO -14 INSIDE DYKE	WD/A UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4179	25-09-2025	CRude tank NO -14 INSIDE DYKE	WD/A down steam	Flange	0.0	1	100	0.000000	8760	0.000000
4180	25-09-2025	CRude tank NO -14 INSIDE DYKE	WD/B UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4181	25-09-2025	CRude tank NO -14 INSIDE DYKE	WD/B down steam	Flange	0.0	1	100	0.000000	8760	0.000000
4182	25-09-2025	CRude tank NO -14 INSIDE DYKE	WD/C UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4183	25-09-2025	CRude tank NO -14 INSIDE DYKE	WD/C down steam	Flange	0.0	1	100	0.000000	8760	0.000000
4184	25-09-2025	CRude tank NO -14 INSIDE DYKE	WD/D UP STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
4185	25-09-2025	CRude tank NO -14 INSIDE DYKE	WD/D down steam	Flange	0.1	1	100	0.000001	8760	0.008002
4186	25-09-2025	CRude tank NO -14 INSIDE DYKE	CLEAN OUT DOOR	Flange	0.0	1	100	0.000000	8760	0.000000
4187	25-09-2025	CRude tank NO -14 INSIDE DYKE	JET MIXTURE MOV 0121	Flange	0.0	1	100	0.000000	8760	0.000000
4188	25-09-2025	CRude tank NO -14 INSIDE DYKE	JET MIXTURE MOV	Flange	0.0	1	100	0.000000	8760	0.000000
4189	25-09-2025	CRude tank NO -14 INSIDE DYKE	INLET XZV UP STEAM 5027	Flange	0.0	1	100	0.000000	8760	0.000000
4190	25-09-2025	CRude tank NO -14 INSIDE DYKE	INLET XZV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4191	25-09-2025	OUTSIDE DYKE	INLET MOV 0119	Flange	0.0	1	100	0.000000	8760	0.000000
4192	25-09-2025	OUTSIDE DYKE	INLET MOV 0118	Flange	0.0	1	100	0.000000	8760	0.000000
4193	25-09-2025	OUTSIDE DYKE	HEEL STRIPPING HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4194	25-09-2025	OUTSIDE DYKE	HEEL STRIPPING HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4195	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM 0125	Flange	0.0	1	100	0.000000	8760	0.000000
4196	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
4197	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM 0124	Flange	0.1	1	100	0.000001	8760	0.008002
4198	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4199	25-09-2025	OUTSIDE DYKE	ITT SUCTION MOV UP STEAM 0122	Flange	0.0	1	100	0.000000	8760	0.000000
4200	25-09-2025	OUTSIDE DYKE	ITT SUCTION MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4201	25-09-2025	OUTSIDE DYKE	ITT DISCHARGE MOV UP STEAM 0120	Flange	0.0	1	100	0.000000	8760	0.000000
4202	25-09-2025	OUTSIDE DYKE	ITT DISCHARGE MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4203	25-09-2025	END FLANGES	CRUDE OUTLET LAST	Flange	0.0	1	100	0.000000	8760	0.000000
4204	25-09-2025	CRude tank NO -14 Tank Top	RIM SEAL EAST	Flange	1.1	1	100	0.000005	8760	0.043182
4205	25-09-2025	CRude tank NO -14 Tank Top	RIM SEAL WEST	Flange	0.9	1	100	0.000004	8760	0.037501
4206	25-09-2025	CRude tank NO -14 Tank Top	RIM SEAL NORTH	Flange	1.4	1	100	0.000006	8760	0.051160
4207	25-09-2025	CRude tank NO -14 Tank Top	RIM SEAL SOUTH	Flange	0.8	1	100	0.000004	8760	0.034521
4208	25-09-2025	CRude tank NO -14 Tank Top	DIPHATCH	Flange	0.0	1	100	0.000000	8760	0.000000
4209	25-09-2025	CRude tank NO -15 INSIDE DYKE	OUTLET XZV UP STEAM 5030	Flange	0.0	1	100	0.000000	8760	0.000000
4210	25-09-2025	CRude tank NO -15 INSIDE DYKE	OUTLET XZV down steam 5030	Flange	0.0	1	100	0.000000	8760	0.000000
4211	25-09-2025	CRude tank NO -15 INSIDE DYKE	MANWAY A	Flange	0.0	1	100	0.000000	8760	0.000000
4212	25-09-2025	CRude tank NO -15 INSIDE DYKE	MANWAY B	Flange	0.0	1	100	0.000000	8760	0.000000
4213	25-09-2025	CRude tank NO -15 INSIDE DYKE	MANWAY C	Flange	0.0	1	100	0.000000	8760	0.000000
4214	25-09-2025	CRude tank NO -15 INSIDE DYKE	WD/A UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4215	25-09-2025	CRude tank NO -15 INSIDE DYKE	WD/A down steam	Flange	0.0	1	100	0.000000	8760	0.000000
4216	25-09-2025	CRude tank NO -15 INSIDE DYKE	WD/B UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4217	25-09-2025	CRude tank NO -15 INSIDE DYKE	WD/B down steam	Flange	0.0	1	100	0.000000	8760	0.000000
4218	25-09-2025	CRude tank NO -15 INSIDE DYKE	WD/C UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4219	25-09-2025	CRude tank NO -15 INSIDE DYKE	WD/C down steam	Flange	0.0	1	100	0.000000	8760	0.000000
4220	25-09-2025	CRude tank NO -15 INSIDE DYKE	WD/D UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4221	25-09-2025	CRude tank NO -15 INSIDE DYKE	WD/D down steam	Flange	0.0	1	100	0.000000	8760	0.000000
4222	25-09-2025	CRude tank NO -15 INSIDE DYKE	CLEAN OUT DOOR	Flange	0.1	1	100	0.000001	8760	0.008002
4223	25-09-2025	CRude tank NO -15 INSIDE DYKE	JET MIXTURE MOV 0130	Flange	0.0	1	100	0.000000	8760	0.000000
4224	25-09-2025	CRude tank NO -15 INSIDE DYKE	JET MIXTURE MOV	Flange	0.0	1	100	0.000000	8760	0.000000
4225	25-09-2025	CRude tank NO -15 INSIDE DYKE	INLET XZV UP STEAM 5029	Flange	0.0	1	100	0.000000	8760	0.000000
4226	25-09-2025	CRude tank NO -15 INSIDE DYKE	INLET XZV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4227	25-09-2025	OUTSIDE DYKE	INLET MOV 0128	Flange	0.0	1	100	0.000000	8760	0.000000
4228	25-09-2025	OUTSIDE DYKE	INLET MOV 0127	Flange	0.2	1	100	0.000001	8760	0.013027
4229	25-09-2025	OUTSIDE DYKE	HEEL STRIPPING HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4230	25-09-2025	OUTSIDE DYKE	HEEL STRIPPING HOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4231	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM 0133	Flange	0.0	1	100	0.000000	8760	0.000000
4232	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4233	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM 0134	Flange	0.1	1	100	0.000001	8760	0.008002
4234	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4235	25-09-2025	OUTSIDE DYKE	ITT SUCTION MOV UP STEAM 0131	Flange	0.0	1	100	0.000000	8760	0.000000
4236	25-09-2025	OUTSIDE DYKE	ITT SUCTION MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4237	25-09-2025	OUTSIDE DYKE	ITT DISCHARGE MOV UP STEAM 0129	Flange	0.0	1	100	0.000000	8760	0.000000
4238	25-09-2025	OUTSIDE DYKE	ITT DISCHARGE MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4239	25-09-2025	END FLANGES	CRUDE OUTLET LAST	Flange	0.6	1	100	0.000003	8760	0.028200
4240	25-09-2025	CRude tank NO -15 Tank Top	RIM SEAL EAST	Flange	0.8	1	100	0.000004	8760	0.034521
4241	25-09-2025	CRude tank NO -15 Tank Top	RIM SEAL WEST	Flange	0.2	1	100	0.000001	8760	0.013027
4242	25-09-2025	CRude tank NO -15 Tank Top	RIM SEAL NORTH	Flange	0.8	1	100	0.000004	8760	0.034521
4243	25-09-2025	CRude tank NO -15 Tank Top	RIM SEAL SOUTH	Flange	1.4	1	100	0.000006	8760	0.051160
4244	25-09-2025	CRude tank NO -15 Tank Top	DIPHATCH	Flange	0.0	1	100	0.000000	8760	0.000000
4245	25-09-2025	CRude tank NO -16 INSIDE DYKE	OUTLET XZV UP STEAM 5032	Flange	0.0	1	100	0.000000	8760	0.000000
4246	25-09-2025	CRude tank NO -16 INSIDE DYKE	OUTLET XZV down steam 5032	Flange	0.0	1	100	0.000000	8760	0.000000
4247	25-09-2025	CRude tank NO -16 INSIDE DYKE	MANWAY A	Flange	0.0	1	100	0.000000	8760	0.000000
4248	25-09-2025	CRude tank NO -16 INSIDE DYKE	MANWAY B	Flange	0.0	1	100	0.000000	8760	0.000000
4249	25-09-2025	CRude tank NO -16 INSIDE DYKE	MANWAY C	Flange	0.0	1	100	0.000000	8760	0.000000
4250	25-09-2025	CRude tank NO -16 INSIDE DYKE	WD/A UP STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
4251	25-09-2025	CRude tank NO -16 INSIDE DYKE	WD/A down steam	Flange	0.0	1	100	0.000000	8760	0.000000
4252	25-09-2025	CRude tank NO -16 INSIDE DYKE	WD/B UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4253	25-09-2025	CRude tank NO -16 INSIDE DYKE	WD/B down steam	Flange	0.1	1	100	0.000001	8760	0.008002
4254	25-09-2025	CRude tank NO -16 INSIDE DYKE	WD/C UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4255	25-09-2025	CRude tank NO -16 INSIDE DYKE	WD/C down steam	Flange	0.0	1	100	0.000000	8760	0.000000
4256	25-09-2025	CRude tank NO -16 INSIDE DYKE	WD/D UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4257	25-09-2025	CRude tank NO -16 INSIDE DYKE	WD/D down steam	Flange	0.0	1	100	0.000000	8760	0.000000
4258	25-09-2025	CRude tank NO -16 INSIDE DYKE	CLEAN OUT DOOR	Flange	0.0	1	100	0.000000	8760	0.000000
4259	25-09-2025	CRude tank NO -16 INSIDE DYKE	JET MIXTURE MOV 0139	Flange	0.0	1	100	0.000000	8760	0.000000

4260	25-09-2025	CRude tank NO -16 INSIDE DYKE	JET MIXTURE MOV	Flange	0.0	1	100	0.000000	8760	0.000000
4261	25-09-2025	CRude tank NO -16 INSIDE DYKE	INLET XZV UP STEAM 5031	Flange	0.0	1	100	0.000000	8760	0.000000
4262	25-09-2025	CRude tank NO -16 INSIDE DYKE	INLET XZV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4263	25-09-2025	OUTSIDE DYKE	INLET MOV 0137	Flange	0.0	1	100	0.000000	8760	0.000000
4264	25-09-2025	OUTSIDE DYKE	INLET MOV 0136	Flange	0.0	1	100	0.000000	8760	0.000000
4265	25-09-2025	OUTSIDE DYKE	HEEL STRIPPING HOV UP STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
4266	25-09-2025	OUTSIDE DYKE	HEEL STRIPPING HOV DOWN STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
4267	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM 0143	Flange	0.1	1	100	0.000001	8760	0.008002
4268	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
4269	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM 0142	Flange	0.1	1	100	0.000001	8760	0.008002
4270	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4271	25-09-2025	OUTSIDE DYKE	ITT SUCTION MOV UP STEAM 0140	Flange	0.0	1	100	0.000000	8760	0.000000
4272	25-09-2025	OUTSIDE DYKE	ITT SUCTION MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4273	25-09-2025	OUTSIDE DYKE	ITT DISCHARGE MOV UP STEAM 0138	Flange	0.0	1	100	0.000000	8760	0.000000
4274	25-09-2025	OUTSIDE DYKE	ITT DISCHARG MOV DOWN STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
4275	25-09-2025	END FLANGES	CRUDE OUTLET LAST	Flange	0.0	1	100	0.000000	8760	0.000000
4276	25-09-2025	CRude tank NO -16 Tank Top	RIM SEAL EAST	Flange	1.7	1	100	0.000007	8760	0.058642
4277	25-09-2025	CRude tank NO -16 Tank Top	RIM SEAL WEST	Flange	0.1	1	100	0.000001	8760	0.008002
4278	25-09-2025	CRude tank NO -16 Tank Top	RIM SEAL NORTH	Flange	1.3	1	100	0.000006	8760	0.048563
4279	25-09-2025	CRude tank NO -16 Tank Top	RIM SEAL SOUTH	Flange	0.9	1	100	0.000004	8760	0.037501
4280	25-09-2025	CRude tank NO -16 Tank Top	DIPHATCH	Flange	1.1	1	100	0.000005	8760	0.043182
4281	25-09-2025	CRude tank NO -17 INSIDE DYKE	OUTLET XZV UP STEAM 5034	Flange	0.0	1	100	0.000000	8760	0.000000
4282	25-09-2025	CRude tank NO -17 INSIDE DYKE	OUTLET XZV down steam 5034	Flange	0.0	1	100	0.000000	8760	0.000000
4283	25-09-2025	CRude tank NO -17 INSIDE DYKE	MANWAY A	Flange	0.0	1	100	0.000000	8760	0.000000
4284	25-09-2025	CRude tank NO -17 INSIDE DYKE	MANWAY B	Flange	0.0	1	100	0.000000	8760	0.000000
4285	25-09-2025	CRude tank NO -17 INSIDE DYKE	MANWAY C	Flange	0.1	1	100	0.000001	8760	0.008002
4286	25-09-2025	CRude tank NO -17 INSIDE DYKE	WD/A UP STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
4287	25-09-2025	CRude tank NO -17 INSIDE DYKE	WD/A down steam	Flange	0.0	1	100	0.000000	8760	0.000000
4288	25-09-2025	CRude tank NO -17 INSIDE DYKE	WD/B UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4289	25-09-2025	CRude tank NO -17 INSIDE DYKE	WD/B down steam	Flange	0.0	1	100	0.000000	8760	0.000000
4290	25-09-2025	CRude tank NO -17 INSIDE DYKE	WD/C UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4291	25-09-2025	CRude tank NO -17 INSIDE DYKE	WD/C down steam	Flange	0.0	1	100	0.000000	8760	0.000000
4292	25-09-2025	CRude tank NO -17 INSIDE DYKE	WD/D UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4293	25-09-2025	CRude tank NO -17 INSIDE DYKE	WD/D down steam	Flange	0.0	1	100	0.000000	8760	0.000000
4294	25-09-2025	CRude tank NO -17 INSIDE DYKE	CLEAN OUT DOOR	Flange	0.0	1	100	0.000000	8760	0.000000
4295	25-09-2025	CRude tank NO -17 INSIDE DYKE	JET MIXTURE MOV 0148	Flange	0.0	1	100	0.000000	8760	0.000000
4296	25-09-2025	CRude tank NO -17 INSIDE DYKE	JET MIXTURE MOV	Flange	0.0	1	100	0.000000	8760	0.000000
4297	25-09-2025	CRude tank NO -17 INSIDE DYKE	INLET XZV UP STEAM 5033	Flange	0.2	1	100	0.000001	8760	0.013027
4298	25-09-2025	CRude tank NO -17 INSIDE DYKE	INLET XZV DOWN STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
4299	25-09-2025	OUTSIDE DYKE	INLET MOV 0146	Flange	0.1	1	100	0.000001	8760	0.008002
4300	25-09-2025	OUTSIDE DYKE	INLET MOV 0145	Flange	0.1	1	100	0.000001	8760	0.008002
4301	25-09-2025	OUTSIDE DYKE	HEEL STRIPPING HOV UP STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
4302	25-09-2025	OUTSIDE DYKE	HEEL STRIPPING HOV DOWN STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
4303	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM 0152	Flange	0.0	1	100	0.000000	8760	0.000000
4304	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4305	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM 0151	Flange	0.2	1	100	0.000001	8760	0.013027
4306	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
4307	25-09-2025	OUTSIDE DYKE	ITT SUCTION MOV UP STEAM 0149	Flange	0.0	1	100	0.000000	8760	0.000000
4308	25-09-2025	OUTSIDE DYKE	ITT SUCTION MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4309	25-09-2025	OUTSIDE DYKE	ITT DISCHARGE MOV UP STEAM 0147	Flange	0.0	1	100	0.000000	8760	0.000000
4310	25-09-2025	OUTSIDE DYKE	ITT DISCHARGE MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4311	25-09-2025	END FLANGES	CRUDE OUTLET LAST	Flange	0.0	1	100	0.000000	8760	0.000000
4312	25-09-2025	CRude tank NO -17 Tank Top	RIM SEAL EAST	Flange	2.4	1	100	0.000009	8760	0.074730
4313	25-09-2025	CRude tank NO -17 Tank Top	RIM SEAL WEST	Flange	0.2	1	100	0.000001	8760	0.013027
4314	25-09-2025	CRude tank NO -17 Tank Top	RIM SEAL NORTH	Flange	0.6	1	100	0.000003	8760	0.028200
4315	25-09-2025	CRude tank NO -17 Tank Top	RIM SEAL SOUTH	Flange	0.9	1	100	0.000004	8760	0.037501
4316	25-09-2025	CRude tank NO -17 Tank Top	DIPHATCH	Flange	1.5	1	100	0.000006	8760	0.053703
4317	25-09-2025	CRude tank NO -18 INSIDE DYKE	OUTLET XZV UP STEAM 5036	Flange	0.0	1	100	0.000000	8760	0.000000
4318	25-09-2025	CRude tank NO -18 INSIDE DYKE	OUTLET XZV down steam 5036	Flange	0.0	1	100	0.000000	8760	0.000000
4319	25-09-2025	CRude tank NO -18 INSIDE DYKE	MANWAY A	Flange	0.0	1	100	0.000000	8760	0.000000
4320	25-09-2025	CRude tank NO -18 INSIDE DYKE	MANWAY B	Flange	0.0	1	100	0.000000	8760	0.000000
4321	25-09-2025	CRude tank NO -18 INSIDE DYKE	MANWAY C	Flange	0.0	1	100	0.000000	8760	0.000000
4322	25-09-2025	CRude tank NO -18 INSIDE DYKE	WD/A UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4323	25-09-2025	CRude tank NO -18 INSIDE DYKE	WD/A down steam	Flange	0.0	1	100	0.000000	8760	0.000000
4324	25-09-2025	CRude tank NO -18 INSIDE DYKE	WD/B UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4325	25-09-2025	CRude tank NO -18 INSIDE DYKE	WD/B down steam	Flange	0.0	1	100	0.000000	8760	0.000000
4326	25-09-2025	CRude tank NO -18 INSIDE DYKE	WD/C UP STEAM	Flange	0.2	1	100	0.000001	8760	0.013027
4327	25-09-2025	CRude tank NO -18 INSIDE DYKE	WD/C down steam	Flange	0.0	1	100	0.000000	8760	0.000000
4328	25-09-2025	CRude tank NO -18 INSIDE DYKE	WD/D UP STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
4329	25-09-2025	CRude tank NO -18 INSIDE DYKE	WD/D down steam	Flange	0.1	1	100	0.000001	8760	0.008002
4330	25-09-2025	CRude tank NO -18 INSIDE DYKE	CLEAN OUT DOOR	Flange	0.2	1	100	0.000001	8760	0.013027
4331	25-09-2025	CRude tank NO -18 INSIDE DYKE	JET MIXTURE MOV 0157	Flange	0.1	1	100	0.000001	8760	0.008002
4332	25-09-2025	CRude tank NO -18 INSIDE DYKE	JET MIXTURE MOV	Flange	0.0	1	100	0.000000	8760	0.000000
4333	25-09-2025	CRude tank NO -18 INSIDE DYKE	INLET XZV UP STEAM 5035	Flange	0.0	1	100	0.000000	8760	0.000000
4334	25-09-2025	CRude tank NO -18 INSIDE DYKE	INLET XZV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4335	25-09-2025	OUTSIDE DYKE	INLET MOV 0155	Flange	0.0	1	100	0.000000	8760	0.000000
4336	25-09-2025	OUTSIDE DYKE	INLET MOV 0154	Flange	0.1	1	100	0.000001	8760	0.008002
4337	25-09-2025	OUTSIDE DYKE	HEEL STRIPPING HOV UP STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4338	25-09-2025	OUTSIDE DYKE	HEEL STRIPPING HOV DOWN STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
4339	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM 0161	Flange	0.0	1	100	0.000000	8760	0.000000
4340	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4341	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV UP STEAM 0160	Flange	0.0	1	100	0.000000	8760	0.000000

4342	25-09-2025	OUTSIDE DYKE	PUMP SUCTION HEADER MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4343	25-09-2025	OUTSIDE DYKE	ITT SUCTION MOV UP STEAM 0158	Flange	0.1	1	100	0.000001	8760	0.008002
4344	25-09-2025	OUTSIDE DYKE	ITT SUCTION MOV DOWN STEAM	Flange	0.1	1	100	0.000001	8760	0.008002
4345	25-09-2025	OUTSIDE DYKE	ITT DISCHARGE MOV UP STEAM 0156	Flange	0.1	1	100	0.000001	8760	0.008002
4346	25-09-2025	OUTSIDE DYKE	ITT DISCHARGE MOV DOWN STEAM	Flange	0.0	1	100	0.000000	8760	0.000000
4347	25-09-2025	END FLANGES	CRUDE OUTLET LAST	Flange	0.2	1	100	0.000001	8760	0.013027
4348	25-09-2025	END FLANGES	CRUDE RECEIPT HEADER LAST	Flange	0.0	1	100	0.000000	8760	0.000000
4349	25-09-2025	END FLANGES	ITT PUMP SUCTION HEADER LAST	Flange	0.0	1	100	0.000000	8760	0.000000
4350	25-09-2025	END FLANGES	PUMP SUCTION-1 LAST	Flange	0.0	1	100	0.000000	8760	0.000000
4351	25-09-2025	END FLANGES	PUMP SUCTION-2 LAST	Flange	0.0	1	100	0.000000	8760	0.000000
4352	25-09-2025	END FLANGES	ITT DISCHARGE LAST	Flange	0.0	1	100	0.000000	8760	0.000000
4353	25-09-2025	CRude tank NO -17 Tank Top	RIM SEAL EAST	Flange	0.7	1	100	0.000004	8760	0.031427
4354	25-09-2025	CRude tank NO -17 Tank Top	RIM SEAL WEST	Flange	1.5	1	100	0.000006	8760	0.053703
4355	25-09-2025	CRude tank NO -17 Tank Top	RIM SEAL NORTH	Flange	2.8	1	100	0.000010	8760	0.083283
4356	25-09-2025	CRude tank NO -17 Tank Top	RIM SEAL SOUTH	Flange	1.4	1	100	0.000006	8760	0.051160
4357	25-09-2025	CRude tank NO -17 Tank Top	DIPHATCH	Flange	0.7	1	100	0.000004	8760	0.031427

REPORT ON

LDAR MONITORING AT INDIAN OIL ADANI VENTURES LIMITED SOJ IOCL PARADIP SEPTEMBER' 2025

SUBMITTED TO

INDIAN OIL ADANI VENTURES LIMITED

(Formerly Indian Oiltanking Limited)

Paradip BOOT TRM 80005, Indian Oil Adani Ventures, BOOT-3 Terminal,
IOCL Refinery, Jagatsingpur, Paradip, Odisha, PIN-754141

SUBMITTETED BY:

SGS India Private Limited
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per pro SGS India Private Ltd.

Authorized Signatory

1 Introduction

SGS India Private Limited has been contracted to conduct LDAR monitoring at BOOT # 3 & SOJ of IOCL Paradip for 2021-2022 period. Accordingly the measurement of the identified fugitive emission sources within the study area to detect leaking components as per USEPA 21 Guideline were conducted during November-December 2021. Although the leak definition as per CPCB guideline is 3000 ppmv and 5000 ppmv, M/s IOT wanted SGS to report any source emission above 300 ppmv.

1.1 About Industry

Indian Oil Adani Ventures Limited (formally known as Indian Oil tanking) jointly owned by Indian Oil Corporation and APSEZ provides Infrastructure-led terminalling services to Petroleum, Petrochemical and Chemical companies in India since 1996. Over the past 22 years, the company has evolved into an integrated services provider with niche capabilities in Engineering, Build Capabilities, Operations and Maintenance (O&M) of Storage Terminals. Currently, we operate six terminals in India through various business models including BOO/BOOT (Build, Own, Operate/Transfer) and O&M.

The company brought the concept of independent terminalling in India for Petroleum products, wherein the operator does not own the product and provides services to users on a common user basis. It has pioneered the concepts of 'Build & Own' (BO), 'Build Own Operate' (BOO), BOO & Transfer (BOOT), Operations & Maintenance of third party terminals in India.

The company has also set up a first-of-its kind crude oil and petroleum product storage BOOT project inside Indian Oil Corporation's refinery at Paradip on India's East Coast, wherein the entire offsite storage of crude and finished products has been built.

PARADIP TERMINAL FACTS

Tank Capacity 1,513,968 cbm

Tanks 51

Tank Types Mild steel, pressure vessel steel

Access Types **-** Vessels, Tank Trucks, Pipeline, Berth

No. of Berths **-** 1

Products **-** Clean Petroleum Products, Crude Oil, Gases

Services **-** Pipeline connections to refineries, Tank-to-tank transfer, Vessel loading and unloading, Truck loading, Blending services, Homogenizing

2 Sampling Schedule & Report Number.

KE25-001924.001 From 25.09.2025 to 26.09.2025

3 Objective

The objective of the studies to Identifying potential fugitive emission sources and quantification of the fugitive emission during oil production in terminals.

A typical industry can emit tons per year of VOCs from leaking equipment, such as valves, connectors, pumps, sampling connections, compressors, pressure relief devices and open-ended lines etc. Process components covering all joints as mentioned above are monitored under "fugitive emission monitoring" program covering all the components in Boot # 3 & SOJ.

4 Present study

a) Carry out onsite detection through physical scanning for leaks and vented emissions (if any) in the operating assets using portable analyzer according USEPA Method 21 (sniffing method).

b) Monitoring and measurement of the identified fugitive emission sources within the study area and tagging the detected leaking components.

c) The outcome of the study shall focus on the details the programme undertaken, methodology, findings, monitored fugitive emissions rates, conclusion and recommendations for improvement.

5 Scope of Work

- Fugitive emission monitoring at IOCL Paradip (Boot # 3 & SOJ) terminal.
- Monitoring and measurement of the identified fugitive emission sources (supplied by IOT) within the study area and tagging the detected leaking components as per USEPA method 21.

About LDAR:

Leak Detection and Repair (LDAR) is a program implemented to comply with environmental regulations for reducing the fugitive emissions of targeted chemicals into the environment. Several standards such as *Maximum Achievable Control Technology* (MACT) standards, *New Source Performance Standards* (NSPS), *National Emissions Standards for Hazardous Air Pollutants* (NESHAP) and Central Pollution Control Board (CPCB) require the monitoring and reporting of these fugitive emissions from process equipment.

Process components covering Boot # 3 and SOJ were monitored as LDAR and covered all the components in the process plant. The environmental regulations are prescribed LDAR programs as a means of reducing emissions have very specific standards and applied to a monitoring and repair program. The LDAR study included the following protocols:

- **Types of components (pumps, valves, connectors, Flanges etc.) to be monitored** – All the sources assumed to be leaking source are monitored as per the USEPA Method 21 Protocol.
- **Measured concentration in PPM that indicates a leak** – Emission source is measured at PPM (parts per million) level.
- **Frequency of monitoring** – As per EPA act 1986 page 409, Fugitive emission monitoring program is undertaken every year (including Heat Exchangers and Pump seal as a part of Quarterly Monitoring).
- Method of monitoring
- **Actions to be taken if a leak is discovered** – A leak source above the limit as per EPA act should be reported and repaired immediately and the sources emitting the leak under the limit should be reported and an appropriate action should be undertaken.

- **Length of time in which an initial attempt to repair the leak must be performed** – Depending upon the nature of leak source, a leak source above the limits as per EPA guidelines should be reported and repaired immediately.
- **Actions that must be taken if a leak cannot be repaired within guidelines** – A proper action should be undertaken as a leaking source contributes in air pollution.
- **Record-keeping and reporting requirements** – A proper record should be maintained so that the leak source can be monitored again to see discrepancies if any.

Affected Sources: Each pump, compressor, pressure relief device, sampling connection system, open-ended valve or line, flange and connector that contains or contacts a fluid or gas, that is exceeding more than 5000ppm of pump and compressor seals and 3000 ppm other components is an affected source.

Equipment Leak: A leak is defined as greater than or equal to 3,000 & 5000 ppmv as methane, for organic compounds, as determined by EPA Reference Method 21. Most of the emissions are from valves and connectors because these are most prevalent components and can number in the thousands. The major cause of emissions from valves and connectors is seal or gasket failure due to normal wear or improper maintenance. More than 90% of emissions from the leaking equipment with valves are being the most significant source. The open-ended lines and sampling connections account for as much as 5 – 10% of total VOC emissions from equipment leaks.

Minimum Requirements for an Acceptable Organic LDAR Program:

- Each affected source is screened initially using USEPA Method 21.
- Monthly visual inspections must be performed by industry on each affected source for signs of leakage (e.g. dripping liquid, spraying, misting, clouding, ice formation, distinctive odors, etc.).
- Monitoring of each affected source is to be conducting quarterly using Method 21.

All potential leak points associated with a component must be identified and screened for leaks. The detected leaks by Method 21 test was tagged and repaired. The leak sources are measured after repair and the same is recorded.

6 Methodology of the study:

USEPA Method – 21 was followed to monitor source emissions at IOT/IOCL Paradip.

6.1 Individual Source Surveys.

Leak Definition Based on Concentration. Place the probe inlet at the surface of the component interface where leakage could occur. Move the probe along the interface periphery while

observing the instrument readout. If an increased meter reading is observed, slowly sample the interface where leakage is indicated until the maximum meter reading is obtained. Leave the probe inlet at this maximum reading location for approximately two times the instrument response time. If the maximum observed meter reading is greater than the leak definition in the applicable regulation, record and report the results as specified in the regulation reporting requirements. Examples of the application of this general technique to specific equipment types are:

- Valves - The most common source of leaks from valves is the seal between the stem and housing. Place the probe at the interface where the stem exits the packing gland and sample the stem circumference. Also, place the probe at the interface of the packing gland take-up flange seat and sample the periphery. In addition, survey valve housings of multipart assembly at the surface of all interfaces where a leak could occur.

- Flanges and Other Connections - For welded flanges, place the probe at the outer edge of the flange-gasket interface and sample the circumference of the flange. Sample other types of nonpermanent joints (such as threaded connections) with a similar traverse.

- Pumps and Compressors - Conduct a circumferential traverse at the outer surface of the pump or compressor shaft and seal interface. If the source is a rotating shaft, position the probe inlet within 1 cm of the shaft-seal interface for the survey. If the housing configuration prevents a complete traverse of the shaft periphery, sample all accessible portions. Sample all other joints on the pump or compressor housing where leakage could occur.

- Pressure Relief Devices - The configuration of most pressure relief devices prevents sampling at the sealing seat interface. For those devices equipped with an enclosed extension, or horn, place the probe inlet at approximately the center of the exhaust area to the atmosphere.

- Process Drains - For open drains, place the probe inlet at approximately the center of the area open to the atmosphere. For covered drains, place the probe at the surface of the cover interface and conduct a peripheral traverse.

- Access door seals. Place the probe inlet at the surface of the door seal interface and conduct a peripheral traverse.

Calculation:

(Reference – EPA 1995 Protocol for Equipment Leak Emission Estimation Table 2-10)

Component Type	Default Zero Factor [Kg/hr]	Correlation Equation [Kg/hr]
Valves	[7.8E-06]	[2.29E-06(SV)^0.746]
Pump Seals	[1.9E-05]	[5.03E-05(SV)^0.610]
Others	[4.0E-06]	[1.36E-05(SV)^0.589]
Connectors	[7.5E-06]	[1.53E-06(SV)^0.735]
Flanges	[3.1E-07]	[4.61E-06(SV)^0.703]
Open-ended Lines	[2.0E-06]	[2.20E-06(SV)^0.704]

The default zero factors apply only when the screening value(SV) corrected for background equals 0 ppmv.

The correlation equations apply for actual screening values, corrected for background.

The “other” component type includes instruments, loading arms, pressure relief valves, vents, compressors, dump lever arms, diaphragms, drains, hatches, meters and polished rods stuffing boxes. This “other” component type should be applied for any component type other than connectors, flanges, open-ended lines, pumps or valves.

For example,

Reference USEPA-Method-21)

The screening value (SV) concentration in Valves is 2600 ppm

= RF (% of VOC Flow/100) *0.0000023*SV^0.746

RF = Response Factor = 1

Response Factors of Different Volatiles (USEPA Method-21):	
Gasoline Vapors	1.05
Naphtha	1.0
Heavy Oil	1.1
Petrol & Diesel	0.8
Gasoline Vapors 2	0.7
Light Oil	1.0

% of VOC Flow = material passing on that particular pipe line.

0.00000227 = Correlation factor

SV = Screening Value in ppm

If we will apply all the values in the below formula

= RF (% of VOC Flow/100) *0.0000023*SV^0.746

= 1 (100/100) *0.0000023*2600^0.746

= 0.000350 kg/hr

Total hours of operation per year are 8760 (24 hours x 365 days)

The volatile emission = 3.0631692 Kgs/year.

SUMMARY OF THE STUDY

SGS has monitored more than One thousand eight hundred ninety three points in study area selected by IOT at IOCL Paradip SOJ area and more than one thousand points at the Berth at Paradip Port.

TEST RESULTS

SUMMARY SHEET OF TVOC EMISSION MEASUREMENT			
UNIT	**NO. OF POINT MEASURE**	**TOTAL VOC EMISSION IN kg/Hr.**	**TOTAL VOC EMISSION IN kg/Year**
Boot # 3	**4357**	**0.002291**	**20.069133**
SOJ	**1550**	**0.000242**	**2.121975**
TOTAL POINTS	**5907**	**0.002533**	**22.191108**

CONCLUSION:

The results are submitted component wise in the enclosed Annexure-1 As per CPCB guidelines no components detected with more than the standard values of 3000ppmv and 5000ppmv. Hence no recommendations are given for repairing of any leakage sources. However M/s IOT wanted SGS to report any source emission above 300 ppmv and accordingly SGS has tagged and reported for the points with emission of 300 ppmv and above.

Based on the concentration of VOC no points detected at SOJ in the month of September 2025.

Based on the calculation and concentrations of VOC in the equipment, we took default value 1 & 0.8 for Response Factor (RF) as per the product in the lines.

ANNEXURE – 1

TEST RESULT - SOJ (Page No 1 to 25)

LDAR points SOJ

S.NO	Date	Unit	Component ID & Location	Type	SCREEING VALUE OF VOC (ppm)	RF	% of VOC FLOW	Kg/Hrs.	HOURS OF OPERATION	Kg/Year
1	24-09-2025	Jetty - Pig Reciver Area Naptha	Battery Limit XZV Up Stream	Flange	0.0	1	100	0.000000	8760	0
2	24-09-2025	Jetty - Pig Reciver Area Naptha	Battery Limit XZV Down Strem	Flange	0.0	1	100	0.000000	8760	0
3	24-09-2025	Jetty - Pig Reciver Area Naptha	Isolation MOV - 2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
4	24-09-2025	Jetty - Pig Reciver Area Naptha	PIG Barrel	Flange	0.0	1	100	0.000000	8760	0
5	24-09-2025	Jetty - Pig Reciver Area Naptha	Kicker Line	Flange	0.0	1	100	0.000000	8760	0
6	24-09-2025	Jetty - Pig Reciver Area Naptha	Kicker Line Drain HOV Up Stream	Flange	0.1	1	100	0.000001	8760	0.0080021
7	24-09-2025	Jetty - Pig Reciver Area Naptha	Kicker Line Drain HOV Down Stream	Flange	0.0	1	100	0.000000	8760	0
8	24-09-2025	Jetty - Pig Reciver Area Naptha	Kicker Line HPV	Flange	0.2	1	100	0.000001	8760	0.0130265
9	24-09-2025	Jetty - Pig Reciver Area Naptha	PIG Barrel Drain HOV -1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
10	24-09-2025	Jetty - Pig Reciver Area Naptha	PIG Barrel Drain HOV -1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
11	24-09-2025	Jetty - Pig Reciver Area Naptha	PIG Barrel Drain HOV -2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
12	24-09-2025	Jetty - Pig Reciver Area Naptha	PIG Barrel Drain HOV -2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
13	24-09-2025	Jetty - Pig Reciver Area Naptha	PIG Barrel PG Up Stream	Flange	0.0	1	100	0.000000	8760	0
14	24-09-2025	Jetty - Pig Reciver Area Naptha	PIG Barrel PG Down Stream	Flange	0.0	1	100	0.000000	8760	0
15	24-09-2025	Jetty - Pig Reciver Area Naptha	PIG Barrel PSV HOV - 1 Up Stream	Flange	0.5	1	100	0.000003	8760	0.0248074
16	24-09-2025	Jetty - Pig Reciver Area Naptha	PIG Barrel PSV HOV - 1 Down Stream	Flange	0.1	1	100	0.000001	8760	0.0080021
17	24-09-2025	Jetty - Pig Reciver Area Naptha	PIG Barrel PSV HOV - 2 Up Stream	Flange	0.2	1	100	0.000001	8760	0.0130265
18	24-09-2025	Jetty - Pig Reciver Area Naptha	PIG Barrel PSV HOV - 2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
19	24-09-2025	Jetty - Pig Reciver Area Naptha	PIG Barrel Venting Line HOV Up Stream	Flange	0.0	1	100	0.000000	8760	0
20	24-09-2025	Jetty - Pig Reciver Area Naptha	PIG Barrel Venting Line HOV Down Stream	Flange	0.0	1	100	0.000000	8760	0
21	24-09-2025	Jetty - Pig Reciver Area Naptha	PIG Barrel Venting Line HPV	Flange	0.0	1	100	0.000000	8760	0
22	24-09-2025	Jetty - Pig Reciver Area Naptha	Nitrogen Pushing Point Up Stream	Flange	0.0	1	100	0.000000	8760	0
23	24-09-2025	Jetty - Pig Reciver Area Naptha	Nitrogen Pushing Point Down Stream	Flange	0.0	1	100	0.000000	8760	0
24	24-09-2025	Jetty - Pig Reciver Area Naptha	Main Line PSV	Flange	0.0	1	100	0.000000	8760	0
25	24-09-2025	Jetty - Pig Reciver Area Naptha	Main Line PSV HOV - 1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
26	24-09-2025	Jetty - Pig Reciver Area Naptha	Main Line PSV HOV - 1 Down Stream	Flange	0.2	1	100	0.000001	8760	0.0130265
27	24-09-2025	Jetty - Pig Reciver Area Naptha	Main Line PSV HOV - 2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
28	24-09-2025	Jetty - Pig Reciver Area Naptha	Main Line PSV HOV - 2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
29	24-09-2025	Jetty - Pig Reciver Area Naptha	PIG Barrel to Kicker Line HOV - 1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
30	24-09-2025	Jetty - Pig Reciver Area Naptha	PIG Barrel to Kicker Line HOV - 1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
31	24-09-2025	Jetty - Pig Reciver Area Naptha	PIG Barrel to Kicker Line HOV - 2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
32	24-09-2025	Jetty - Pig Reciver Area Naptha	PIG Barrel to Kicker Line HOV - 2 Down Stream	Flange	0.1	1	100	0.000001	8760	0.0080021
33	24-09-2025	Jetty - Pig Reciver Area Naptha	PIG Barrel to Kicker Line LPD	Flange	0.0	1	100	0.000000	8760	0
34	24-09-2025	Jetty - Pig Reciver Area Naptha	PIG Barrel to Kicker Line Vent Point Up Stream	Flange	0.0	1	100	0.000000	8760	0
35	24-09-2025	Jetty - Pig Reciver Area Naptha	PIG Barrel to Kicker Line Vent Point Down Stream	Flange	0.0	1	100	0.000000	8760	0
36	24-09-2025	Jetty - Pig Reciver Area Naptha	Isolation MOV & Pressure Balancing LineHOV -1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
37	24-09-2025	Jetty - Pig Reciver Area Naptha	Isolation MOV & Pressure Balancing LineHOV -1 Down Stream	Flange	0.0	1	100	0.000000	8760	0

38	24-09-2025	Jetty - Pig Reciver Area Naptha	Isolation MOV & Pressure Balancing LineHOV -2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
39	24-09-2025	Jetty - Pig Reciver Area Naptha	Isolation MOV & Pressure Balancing LineHOV -2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
40	24-09-2025	Jetty - Pig Reciver Area Naptha	Isolation MOV - Pressure Balancing Line HPV UP Stream	Flange	0.0	1	100	0.000000	8760	0
41	24-09-2025	Jetty - Pig Reciver Area Naptha	Isolation MOV - Pressure Balancing Line HPV Down Stream	Flange	0.0	1	100	0.000000	8760	0
42	24-09-2025	Jetty - Pig Reciver Area Naptha	Isolation MOV - Pressure Balancing Line LPD	Flange	0.0	1	100	0.000000	8760	0
43	24-09-2025	Jetty - Pig Reciver Area Naptha	Battery Limit Main Line PG HOV	Flange	0.0	1	100	0.000000	8760	0
44	24-09-2025	Jetty - Pig Reciver Area Naptha	PIG Indigator -1	Flange	0.0	1	100	0.000000	8760	0
45	24-09-2025	Jetty - Pig Reciver Area Naptha	PIG Indigator -2	Flange	0.0	1	100	0.000000	8760	0
46	24-09-2025	Jetty - Pig Reciver Area Naptha	CBD Line End Flange Up Stream	Flange	0.0	1	100	0.000000	8760	0
47	24-09-2025	Jetty - Pig Reciver Area Naptha	CBD Line NRV UpStream	Flange	0.0	1	100	0.000000	8760	0
48	24-09-2025	Jetty - Pig Reciver Area Naptha	CBD Line NRV Down stream	Flange	0.0	1	100	0.000000	8760	0
49	24-09-2025	Jetty - Pig Reciver Area MS-R	Battery Limit XZV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
50	24-09-2025	Jetty - Pig Reciver Area MS-R	Battery Limit XZV Down Strem	Flange	0.0	0.8	100	0.000000	8760	0
51	24-09-2025	Jetty - Pig Reciver Area MS-R	Isolation MOV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
52	24-09-2025	Jetty - Pig Reciver Area MS-R	PIG Barrel	Flange	0.0	0.8	100	0.000000	8760	0
53	24-09-2025	Jetty - Pig Reciver Area MS-R	Kicker Line	Flange	0.0	0.8	100	0.000000	8760	0
54	24-09-2025	Jetty - Pig Reciver Area MS-R	Kicker Line Drain HOV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
55	24-09-2025	Jetty - Pig Reciver Area MS-R	Kicker Line Drain HOV Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
56	24-09-2025	Jetty - Pig Reciver Area MS-R	Kicker Line HPV	Flange	0.0	0.8	100	0.000000	8760	0
57	24-09-2025	Jetty - Pig Reciver Area MS-R	PIG Barrel Drain HOV -1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
58	24-09-2025	Jetty - Pig Reciver Area MS-R	PIG Barrel Drain HOV -1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
59	24-09-2025	Jetty - Pig Reciver Area MS-R	PIG Barrel Drain HOV -2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
60	24-09-2025	Jetty - Pig Reciver Area MS-R	PIG Barrel Drain HOV -2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
61	24-09-2025	Jetty - Pig Reciver Area MS-R	PIG Barrel PG Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
62	24-09-2025	Jetty - Pig Reciver Area MS-R	PIG Barrel PG Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
63	24-09-2025	Jetty - Pig Reciver Area MS-R	PIG Barrel PSV HOV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
64	24-09-2025	Jetty - Pig Reciver Area MS-R	PIG Barrel PSV HOV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
65	24-09-2025	Jetty - Pig Reciver Area MS-R	PIG Barrel PSV HOV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
66	24-09-2025	Jetty - Pig Reciver Area MS-R	PIG Barrel PSV HOV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
67	24-09-2025	Jetty - Pig Reciver Area MS-R	PIG Barrel Venting Line HOV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
68	24-09-2025	Jetty - Pig Reciver Area MS-R	PIG Barrel Venting Line HOV Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
69	24-09-2025	Jetty - Pig Reciver Area MS-R	PIG Barrel Venting Line HPV	Flange	0.2	0.8	100	0.000001	8760	0.0104212
70	24-09-2025	Jetty - Pig Reciver Area MS-R	Nitrogen Pushing Point Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
71	24-09-2025	Jetty - Pig Reciver Area MS-R	Nitrogen Pushing Point Down Stream	Flange	0.1	0.8	100	0.000001	8760	0.0064017
72	24-09-2025	Jetty - Pig Reciver Area MS-R	Main Line PSV	Flange	0.0	0.8	100	0.000000	8760	0
73	24-09-2025	Jetty - Pig Reciver Area MS-R	Main Line PSV HOV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
74	24-09-2025	Jetty - Pig Reciver Area MS-R	Main Line PSV HOV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
75	24-09-2025	Jetty - Pig Reciver Area MS-R	Main Line PSV HOV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
76	24-09-2025	Jetty - Pig Reciver Area MS-R	Main Line PSV HOV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0

77	24-09-2025	Jetty - Pig Reciver Area MS-R	PIG Barrel to Kicker Line HOV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
78	24-09-2025	Jetty - Pig Reciver Area MS-R	PIG Barrel to Kicker Line HOV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
79	24-09-2025	Jetty - Pig Reciver Area MS-R	PIG Barrel to Kicker Line LPD	Flange	0.0	0.8	100	0.000000	8760	0
80	24-09-2025	Jetty - Pig Reciver Area MS-R	PIG Barrel to Kicker Line Vent Point Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
81	24-09-2025	Jetty - Pig Reciver Area MS-R	PIG Barrel to Kicker Line Vent Point Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
82	24-09-2025	Jetty - Pig Reciver Area MS-R	Isolation MOV & Pressure Balancing LineHOV -1 Up Stream	Flange	0.3	0.8	100	0.000002	8760	0.0138583
83	24-09-2025	Jetty - Pig Reciver Area MS-R	Isolation MOV & Pressure Balancing LineHOV -1 Down Stream	Flange	0.2	0.8	100	0.000001	8760	0.0104212
84	24-09-2025	Jetty - Pig Reciver Area MS-R	Isolation MOV & Pressure Balancing LineHOV -2Up Stream	Flange	0.2	0.8	100	0.000001	8760	0.0104212
85	24-09-2025	Jetty - Pig Reciver Area MS-R	Isolation MOV & Pressure Balancing LineHOV -2Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
86	24-09-2025	Jetty - Pig Reciver Area MS-R	Isolation MOV - Pressure Balancing Line HPV UP Stream	Flange	0.0	0.8	100	0.000000	8760	0
87	24-09-2025	Jetty - Pig Reciver Area MS-R	Isolation MOV - Pressure Balancing Line HPV Down Stream	Flange	0.1	0.8	100	0.000001	8760	0.0064017
88	24-09-2025	Jetty - Pig Reciver Area MS-R	Isolation MOV - Pressure Balancing Line LPD	Flange	0.0	0.8	100	0.000000	8760	0
89	24-09-2025	Jetty - Pig Reciver Area MS-R	Battery Limit Main Line PG HOV	Flange	0.0	0.8	100	0.000000	8760	0
90	24-09-2025	Jetty - Pig Reciver Area MS-R	PIG Indigator -1	Flange	0.0	0.8	100	0.000000	8760	0
91	24-09-2025	Jetty - Pig Reciver Area MS-R	PIG Indigator -2	Flange	0.0	0.8	100	0.000000	8760	0
92	24-09-2025	Jetty - Pig Reciver Area MS-R	CBD Line End Flange Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
93	24-09-2025	Jetty - Pig Reciver Area MS-R	CBD Line NRV UpStream	Flange	0.0	0.8	100	0.000000	8760	0
94	24-09-2025	Jetty - Pig Reciver Area MS-R	CBD Line NRV Down stream	Flange	0.0	0.8	100	0.000000	8760	0
95	24-09-2025	Jetty - Pig Reciver Area MS-P	Battery Limit XZV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
96	24-09-2025	Jetty - Pig Reciver Area MS-P	Battery Limit XZV Down Strem	Flange	0.0	0.8	100	0.000000	8760	0
97	24-09-2025	Jetty - Pig Reciver Area MS-P	Isolation MOV - 2 Up Stream	Flange	0.2	0.8	100	0.000001	8760	0.0104212
98	24-09-2025	Jetty - Pig Reciver Area MS-P	PIG Barrel	Flange	0.0	0.8	100	0.000000	8760	0
99	24-09-2025	Jetty - Pig Reciver Area MS-P	Kicker Line	Flange	0.0	0.8	100	0.000000	8760	0
100	24-09-2025	Jetty - Pig Reciver Area MS-P	Kicker Line Drain HOV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
101	24-09-2025	Jetty - Pig Reciver Area MS-P	Kicker Line Drain HOV Down Stream	Flange	0.1	0.8	100	0.000001	8760	0.0064017
102	24-09-2025	Jetty - Pig Reciver Area MS-P	Kicker Line HPV	Flange	0.0	0.8	100	0.000000	8760	0
103	24-09-2025	Jetty - Pig Reciver Area MS-P	PIG Barrel Drain HOV -1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
104	24-09-2025	Jetty - Pig Reciver Area MS-P	PIG Barrel Drain HOV -1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
105	24-09-2025	Jetty - Pig Reciver Area MS-P	PIG Barrel Drain HOV -2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
106	24-09-2025	Jetty - Pig Reciver Area MS-P	PIG Barrel Drain HOV -2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
107	24-09-2025	Jetty - Pig Reciver Area MS-P	PIG Barrel PG Up Stream	Flange	0.2	0.8	100	0.000001	8760	0.0104212
108	24-09-2025	Jetty - Pig Reciver Area MS-P	PIG Barrel PG Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
109	24-09-2025	Jetty - Pig Reciver Area MS-P	PIG Barrel PSV HOV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
110	24-09-2025	Jetty - Pig Reciver Area MS-P	PIG Barrel PSV HOV - 1 Down Stream	Flange	0.1	0.8	100	0.000001	8760	0.0064017
111	24-09-2025	Jetty - Pig Reciver Area MS-P	PIG Barrel PSV HOV - 2 Up Stream	Flange	0.2	0.8	100	0.000001	8760	0.0104212
112	24-09-2025	Jetty - Pig Reciver Area MS-P	PIG Barrel PSV HOV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
113	24-09-2025	Jetty - Pig Reciver Area MS-P	PIG Barrel Venting Line HOV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
114	24-09-2025	Jetty - Pig Reciver Area MS-P	PIG Barrel Venting Line HOV Down Stream	Flange	0.0	0.8	100	0.000000	8760	0

115	24-09-2025	Jetty - Pig Reciver Area MS-P	PIG Barrel Venting Line HPV	Flange	0.0	0.8	100	0.000000	8760	0
116	24-09-2025	Jetty - Pig Reciver Area MS-P	Nitrogen Pushing Point Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
117	24-09-2025	Jetty - Pig Reciver Area MS-P	Nitrogen Pushing Point Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
118	24-09-2025	Jetty - Pig Reciver Area MS-P	Main Line PSV	Flange	0.0	0.8	100	0.000000	8760	0
119	24-09-2025	Jetty - Pig Reciver Area MS-P	Main Line PSV HOV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
120	24-09-2025	Jetty - Pig Reciver Area MS-P	Main Line PSV HOV - 1 Down Stream	Flange	0.2	0.8	100	0.000001	8760	0.0104212
121	24-09-2025	Jetty - Pig Reciver Area MS-P	Main Line PSV HOV - 2 Up Stream	Flange	0.1	0.8	100	0.000001	8760	0.0064017
122	24-09-2025	Jetty - Pig Reciver Area MS-P	Main Line PSV HOV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
123	24-09-2025	Jetty - Pig Reciver Area MS-P	PIG Barrel to Kicker Line HOV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
124	24-09-2025	Jetty - Pig Reciver Area MS-P	PIG Barrel to Kicker Line HOV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
125	24-09-2025	Jetty - Pig Reciver Area MS-P	PIG Barrel to Kicker Line HOV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
126	24-09-2025	Jetty - Pig Reciver Area MS-P	PIG Barrel to Kicker Line HOV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
127	24-09-2025	Jetty - Pig Reciver Area MS-P	PIG Barrel to Kicker Line LPD	Flange	0.1	0.8	100	0.000001	8760	0.0064017
128	24-09-2025	Jetty - Pig Reciver Area MS-P	PIG Barrel to Kicker Line Vent Point Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
129	24-09-2025	Jetty - Pig Reciver Area MS-P	PIG Barrel to Kicker Line Vent Point Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
130	24-09-2025	Jetty - Pig Reciver Area MS-P	Isolation MOV & Pressure Balancing LineHOV -1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
131	24-09-2025	Jetty - Pig Reciver Area MS-P	Isolation MOV & Pressure Balancing LineHOV -1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
132	24-09-2025	Jetty - Pig Reciver Area MS-P	Isolation MOV & Pressure Balancing LineHOV -2Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
133	24-09-2025	Jetty - Pig Reciver Area MS-P	Isolation MOV & Pressure Balancing LineHOV -2Down Stream	Flange	0.3	0.8	100	0.000002	8760	0.0138583
134	24-09-2025	Jetty - Pig Reciver Area MS-P	Isolation MOV - Pressure Balancing Line HPV UP Stream	Flange	0.0	0.8	100	0.000000	8760	0
135	24-09-2025	Jetty - Pig Reciver Area MS-P	Isolation MOV - Pressure Balancing Line HPV Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
136	24-09-2025	Jetty - Pig Reciver Area MS-P	Isolation MOV - Pressure Balancing Line LPD	Flange	0.0	0.8	100	0.000000	8760	0
137	24-09-2025	Jetty - Pig Reciver Area MS-P	Battery Limit Main Line PG HOV	Flange	0.0	0.8	100	0.000000	8760	0
138	24-09-2025	Jetty - Pig Reciver Area MS-P	PIG Indigator -1	Flange	0.0	0.8	100	0.000000	8760	0
139	24-09-2025	Jetty - Pig Reciver Area MS-P	PIG Indigator -2	Flange	0.0	0.8	100	0.000000	8760	0
140	24-09-2025	Jetty - Pig Reciver Area MS-P	CBD Line End Flange Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
141	24-09-2025	Jetty - Pig Reciver Area MS-P	CBD Line NRV UpStream	Flange	0.0	0.8	100	0.000000	8760	0
142	24-09-2025	Jetty - Pig Reciver Area MS-P	CBD Line NRV Down stream	Flange	0.0	0.8	100	0.000000	8760	0
143	24-09-2025	Jetty Top Area - Naptha	Jetty Top MOV Up Stream	Flange	0.0	1	100	0.000000	8760	0
144	24-09-2025	Jetty Top Area - Naptha	Jetty Top MOV Down Stream	Flange	0.0	1	100	0.000000	8760	0
145	24-09-2025	Jetty Top Area - Naptha	Jetty Top NRV Up Stream	Flange	0.0	1	100	0.000000	8760	0
146	24-09-2025	Jetty Top Area - Naptha	Jetty Top NRV Down Stream	Flange	0.0	1	100	0.000000	8760	0
147	24-09-2025	Jetty Top Area - Naptha	Jetty Top NRV Up Stream	Flange	0.0	1	100	0.000000	8760	0
148	24-09-2025	Jetty Top Area - Naptha	Jetty Top NRV Down Stream	Flange	0.2	1	100	0.000001	8760	0.0130265
149	24-09-2025	Jetty Top Area - Naptha	HPV Up Stream	Flange	0.0	1	100	0.000000	8760	0
150	24-09-2025	Jetty Top Area - Naptha	HPV Down Stream	Flange	0.1	1	100	0.000001	8760	0.0080021
151	24-09-2025	Jetty Top Area - Naptha	Heater End Flange	Flange	0.0	1	100	0.000000	8760	0
152	24-09-2025	Jetty Top Area - MS-R	Jetty Top MOV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
153	24-09-2025	Jetty Top Area - MS-R	Jetty Top MOV Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
154	24-09-2025	Jetty Top Area - MS-R	Jetty Top NRV Up Stream	Flange	0.4	0.8	100	0.000002	8760	0.0169646
155	24-09-2025	Jetty Top Area - MS-R	Jetty Top NRV Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
156	24-09-2025	Jetty Top Area - MS-R	Jetty Top NRV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
157	24-09-2025	Jetty Top Area - MS-R	Jetty Top NRV Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
158	24-09-2025	Jetty Top Area - MS-R	HPV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
159	24-09-2025	Jetty Top Area - MS-R	HPV Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
160	24-09-2025	Jetty Top Area - MS-R	Heater End Flange	Flange	0.0	0.8	100	0.000000	8760	0
161	24-09-2025	Jetty Top Area - MS-P	Jetty Top MOV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
162	24-09-2025	Jetty Top Area - MS-P	Jetty Top MOV Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
163	24-09-2025	Jetty Top Area - MS-P	Jetty Top NRV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0

164	24-09-2025	Jetty Top Area - MS-P	Jetty Top NRV Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
165	24-09-2025	Jetty Top Area - MS-P	Jetty Top NRV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
166	24-09-2025	Jetty Top Area - MS-P	Jetty Top NRV Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
167	24-09-2025	Jetty Top Area - MS-P	HPV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
168	24-09-2025	Jetty Top Area - MS-P	HPV Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
169	24-09-2025	Jetty Top Area - MS-P	Heater End Flange	Flange	0.2	0.8	100	0.000001	8760	0.0104212
170	24-09-2025	Jetty Top Area - MLA - 04 A	XZV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
171	24-09-2025	Jetty Top Area - MLA - 04 A	XZVDown Stream	Flange	0.0	0.8	100	0.000000	8760	0
172	24-09-2025	Jetty Top Area - MLA - 04 A	Riser Flanges Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
173	24-09-2025	Jetty Top Area - MLA - 04 A	Riser Flanges Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
174	24-09-2025	Jetty Top Area - MLA - 04 A	Swivel Joint Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
175	24-09-2025	Jetty Top Area - MLA - 04 A	Swivel Joint Down Stream	Flange	0.1	0.8	100	0.000001	8760	0.0064017
176	24-09-2025	Jetty Top Area - MLA - 04 A	Swivel Joint Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
177	24-09-2025	Jetty Top Area - MLA - 04 A	Swivel Joint Down Stream	Flange	0.2	0.8	100	0.000001	8760	0.0104212
178	24-09-2025	Jetty Top Area - MLA - 04 A	Swivel Joint Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
179	24-09-2025	Jetty Top Area - MLA - 04 A	Swivel Joint Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
180	24-09-2025	Jetty Top Area - MLA - 04 A	Swivel Joint Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
181	24-09-2025	Jetty Top Area - MLA - 04 A	Swivel Joint Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
182	24-09-2025	Jetty Top Area - MLA - 04 A	ERC Doble Ball valve Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
183	24-09-2025	Jetty Top Area - MLA - 04 A	ERC Doble Ball valve Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
184	24-09-2025	Jetty Top Area - MLA - 04 A	MLA Drain Point	Flange	0.0	0.8	100	0.000000	8760	0
185	24-09-2025	Jetty Top Area - MLA - 04 A	MLA Drain Hov-1 UP Stream	Flange	0.0	0.8	100	0.000000	8760	0
186	24-09-2025	Jetty Top Area - MLA - 04 A	MLA Drain Hov-1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
187	24-09-2025	Jetty Top Area - MLA - 04 A	MLA Drain Hov-2 UP Stream	Flange	0.2	0.8	100	0.000001	8760	0.0104212
188	24-09-2025	Jetty Top Area - MLA - 04 A	MLA Drain Hov-2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
189	24-09-2025	Jetty Top Area - MLA - 04 A	MLA Drain Hov-3 UP Stream	Flange	0.0	0.8	100	0.000000	8760	0
190	24-09-2025	Jetty Top Area - MLA - 04 A	MLA Drain Hov-3 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
191	24-09-2025	Jetty Top Area - MLA - 04 A	MLA Drain NRV	Flange	0.0	0.8	100	0.000000	8760	0
192	24-09-2025	Jetty Top Area - MLA - 04 A	Nitrogen Pushing Line HPV	Flange	0.0	0.8	100	0.000000	8760	0
193	24-09-2025	Jetty Top Area - MLA - 04 A	Nitrogen Pushing Line HOV Down Stream Flanges	Flange	0.0	0.8	100	0.000000	8760	0
194	24-09-2025	Jetty Top Area - MLA - 04 A	CBD Line End Flanges	Flange	0.0	0.8	100	0.000000	8760	0
195	24-09-2025	Jetty Top Area - MLA - 04 B	XZV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
196	24-09-2025	Jetty Top Area - MLA - 04 B	XZVDown Stream	Flange	0.0	0.8	100	0.000000	8760	0
197	24-09-2025	Jetty Top Area - MLA - 04 B	Riser Flanges Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
198	24-09-2025	Jetty Top Area - MLA - 04 B	Riser Flanges Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
199	24-09-2025	Jetty Top Area - MLA - 04 B	Swivel Joint Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
200	24-09-2025	Jetty Top Area - MLA - 04 B	Swivel Joint Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
201	24-09-2025	Jetty Top Area - MLA - 04 B	Swivel Joint Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
202	24-09-2025	Jetty Top Area - MLA - 04 B	Swivel Joint Down Stream	Flange	0.6	0.8	100	0.000003	8760	0.0225598
203	24-09-2025	Jetty Top Area - MLA - 04 B	Swivel Joint Up Stream	Flange	0.1	0.8	100	0.000001	8760	0.0064017
204	24-09-2025	Jetty Top Area - MLA - 04 B	Swivel Joint Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
205	24-09-2025	Jetty Top Area - MLA - 04 B	Swivel Joint Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
206	24-09-2025	Jetty Top Area - MLA - 04 B	Swivel Joint Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
207	24-09-2025	Jetty Top Area - MLA - 04 B	ERC Doble Ball valve Up Stream	Flange	0.0	0.8	100	0.000000	8760	0

208	24-09-2025	Jetty Top Area - MLA - 04 B	ERC Doble Ball valve Down Stream	Flange	0.2	0.8	100	0.000001	8760	0.0104212
209	24-09-2025	Jetty Top Area - MLA - 04 B	MLA Drain Point	Flange	0.0	0.8	100	0.000000	8760	0
210	24-09-2025	Jetty Top Area - MLA - 04 B	MLA Drain Hov-1 UP Stream	Flange	0.0	0.8	100	0.000000	8760	0
211	24-09-2025	Jetty Top Area - MLA - 04 B	MLA Drain Hov-1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
212	24-09-2025	Jetty Top Area - MLA - 04 B	MLA Drain Hov-2 UP Stream	Flange	0.0	0.8	100	0.000000	8760	0
213	24-09-2025	Jetty Top Area - MLA - 04 B	MLA Drain Hov-2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
214	24-09-2025	Jetty Top Area - MLA - 04 B	MLA Drain Hov-3 UP Stream	Flange	0.0	0.8	100	0.000000	8760	0
215	24-09-2025	Jetty Top Area - MLA - 04 B	MLA Drain Hov-3 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
216	24-09-2025	Jetty Top Area - MLA - 04 B	MLA Drain NRV	Flange	0.0	0.8	100	0.000000	8760	0
217	24-09-2025	Jetty Top Area - MLA - 04 B	Nitrogen Pushing Line HPV	Flange	0.0	0.8	100	0.000000	8760	0
218	24-09-2025	Jetty Top Area - MLA - 04 B	Nitrogen Pushing Line HOV Down Stream Flanges	Flange	0.0	0.8	100	0.000000	8760	0
219	24-09-2025	Jetty Top Area - MLA - 04 B	CBD Line End Flanges	Flange	0.0	0.8	100	0.000000	8760	0
220	24-09-2025	Jetty Top Area - Propylene (L)	Jetty Top MOV Up Stream	Flange	0.0	1	100	0.000000	8760	0
221	24-09-2025	Jetty Top Area - Propylene (L)	Jetty Top MOV Down Stream	Flange	0.0	1	100	0.000000	8760	0
222	24-09-2025	Jetty Top Area - Propylene (L)	Jetty Top LPD UP Flange	Flange	0.0	1	100	0.000000	8760	0
223	24-09-2025	Jetty Top Area - Propylene (L)	Jetty Top LPD END Flange	Flange	0.6	1	100	0.000003	8760	0.0281998
224	24-09-2025	Jetty Top Area - MLA - 26	XZV Up Stream	Flange	0.0	1	100	0.000000	8760	0
225	24-09-2025	Jetty Top Area - MLA - 26	XZVDown Stream	Flange	0.0	1	100	0.000000	8760	0
226	24-09-2025	Jetty Top Area - MLA - 26	Riser Flanges Up Stream	Flange	0.0	1	100	0.000000	8760	0
227	24-09-2025	Jetty Top Area - MLA - 26	Riser Flanges Down Stream	Flange	0.0	1	100	0.000000	8760	0
228	24-09-2025	Jetty Top Area - MLA - 26	Swivel Joint Up Stream	Flange	0.0	1	100	0.000000	8760	0
229	24-09-2025	Jetty Top Area - MLA - 26	Swivel Joint Down Stream	Flange	0.0	1	100	0.000000	8760	0
230	24-09-2025	Jetty Top Area - MLA - 26	Swivel Joint Up Stream	Flange	0.0	1	100	0.000000	8760	0
231	24-09-2025	Jetty Top Area - MLA - 26	Swivel Joint Down Stream	Flange	0.0	1	100	0.000000	8760	0
232	24-09-2025	Jetty Top Area - MLA - 26	Swivel Joint Up Stream	Flange	0.0	1	100	0.000000	8760	0
233	24-09-2025	Jetty Top Area - MLA - 26	Swivel Joint Down Stream	Flange	0.0	1	100	0.000000	8760	0
234	24-09-2025	Jetty Top Area - MLA - 26	Swivel Joint Up Stream	Flange	0.0	1	100	0.000000	8760	0
235	24-09-2025	Jetty Top Area - MLA - 26	Swivel Joint Down Stream	Flange	0.2	1	100	0.000001	8760	0.0130265
236	24-09-2025	Jetty Top Area - MLA - 26	ERC Doble Ball valve Up Stream	Flange	0.0	1	100	0.000000	8760	0
237	24-09-2025	Jetty Top Area - MLA - 26	ERC Doble Ball valve Down Stream	Flange	0.0	1	100	0.000000	8760	0
238	24-09-2025	Jetty Top Area - MLA - 26	MLA Drain Hov-1 UP Stream	Flange	0.0	1	100	0.000000	8760	0
239	24-09-2025	Jetty Top Area - MLA - 26	MLA Drain Hov-1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
240	24-09-2025	Jetty Top Area - MLA - 26	MLA Drain Hov-2 UP Stream	Flange	0.0	1	100	0.000000	8760	0
241	24-09-2025	Jetty Top Area - MLA - 26	MLA Drain Hov-2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
242	24-09-2025	Jetty Top Area - MLA - 26	MLA Drain Hov-3 UP Stream	Flange	0.0	1	100	0.000000	8760	0
243	24-09-2025	Jetty Top Area - MLA - 26	MLA Drain Hov-3 Down Stream	Flange	0.0	1	100	0.000000	8760	0
244	24-09-2025	Jetty Top Area - MLA - 26	MLA Drain Hov-4 UP Stream	Flange	0.0	1	100	0.000000	8760	0
245	24-09-2025	Jetty Top Area - MLA - 26	MLA Drain Hov-4 Down Stream	Flange	0.0	1	100	0.000000	8760	0
246	24-09-2025	Jetty Top Area - MLA - 26	MLA Drain Hov-5 UP Stream	Flange	0.0	1	100	0.000000	8760	0
247	24-09-2025	Jetty Top Area - MLA - 26	MLA Drain Hov-5 Down Stream	Flange	0.2	1	100	0.000001	8760	0.0130265
248	24-09-2025	Jetty Top Area - MLA - 26	Nitrogen Pushing Line HPV	Flange	0.0	1	100	0.000000	8760	0
249	24-09-2025	Jetty Top Area - MLA - 26	Nitrogen Pushing Line HOV Down Stream Flanges	Flange	0.0	1	100	0.000000	8760	0
250	24-09-2025	Jetty Top Area - MLA - 26	PT Point A UP Stream	Flange	0.6	1	100	0.000003	8760	0.0281998
251	24-09-2025	Jetty Top Area - MLA - 26	PT Point A Down Stream	Flange	0.0	1	100	0.000000	8760	0
252	24-09-2025	Jetty Top Area - MLA - 26	PT Point B UP Stream	Flange	0.0	1	100	0.000000	8760	0
253	24-09-2025	Jetty Top Area - MLA - 26	PT Point B Down Stream	Flange	0.0	1	100	0.000000	8760	0
254	24-09-2025	Jetty Top Area - MLA - 26	PT Point C UP Stream	Flange	0.0	1	100	0.000000	8760	0
255	24-09-2025	Jetty Top Area - MLA - 26	PT Point C Down Stream	Flange	0.2	1	100	0.000001	8760	0.0130265
256	24-09-2025	Jetty CTMS Naptha	Vapour Elminator HPV Up Stream	Flange	0.0	1	100	0.000000	8760	0
257	24-09-2025	Jetty CTMS Naptha	Vapour Elminator HPV Down Stream	Flange	0.0	1	100	0.000000	8760	0
258	24-09-2025	Jetty CTMS Naptha	Main Line PSV	Flange	0.0	1	100	0.000000	8760	0
259	24-09-2025	Jetty CTMS Naptha	Main Line PSV U/S Up Stream	Flange	0.0	1	100	0.000000	8760	0
260	24-09-2025	Jetty CTMS Naptha	Main Line PSV U/S Down Stream	Flange	0.2	1	100	0.000001	8760	0.0130265
261	24-09-2025	Jetty CTMS Naptha	Main Line PSV D/S Up Stream	Flange	0.0	1	100	0.000000	8760	0
262	24-09-2025	Jetty CTMS Naptha	Main Line PSV D/S Down Stream	Flange	0.0	1	100	0.000000	8760	0
263	24-09-2025	Jetty CTMS Naptha	Main Line PSV U/S Drain Point	Flange	0.0	1	100	0.000000	8760	0
264	24-09-2025	Jetty CTMS Naptha	Main Line PSV D/S Drain Point	Flange	0.0	1	100	0.000000	8760	0
265	24-09-2025	Jetty CTMS Naptha	Vapour Elminator Inlet	Flange	0.0	1	100	0.000000	8760	0
266	24-09-2025	Jetty CTMS Naptha	Vapour Elminator Outlet	Flange	0.0	1	100	0.000000	8760	0

267	24-09-2025	Jetty CTMS Naptha	Vapour Elminator Manhole	Flange	0.2	1	100	0.000001	8760	0.0130265
268	24-09-2025	Jetty CTMS Naptha	Vapour Elminator Drain Point HOV	Flange	0.0	1	100	0.000000	8760	0
269	24-09-2025	Jetty CTMS Naptha	Vapour Elminator PSV	Flange	0.0	1	100	0.000000	8760	0
270	24-09-2025	Jetty CTMS Naptha	Vapour Eliminator PSV U/S HOV Up Stream	Flange	0.6	1	100	0.000003	8760	0.0281998
271	24-09-2025	Jetty CTMS Naptha	Vapour Eliminator PSV U/S HOVDown Stream	Flange	0.0	1	100	0.000000	8760	0
272	24-09-2025	Jetty CTMS Naptha	Vapour Eliminator PSV D/S HOV Up Stream	Flange	0.0	1	100	0.000000	8760	0
273	24-09-2025	Jetty CTMS Naptha	Vapour Eliminator PSV D/S HOVDown Stream	Flange	0.0	1	100	0.000000	8760	0
274	24-09-2025	Jetty CTMS Naptha	Vapour Elminator PSV U/S Drain Point	Flange	0.2	1	100	0.000001	8760	0.0130265
275	24-09-2025	Jetty CTMS Naptha	Vapour Elminator PSV D/S Drain Point	Flange	0.0	1	100	0.000000	8760	0
276	24-09-2025	Jetty CTMS Naptha	Vapour Elminator Vent Point	Flange	0.7	1	100	0.000004	8760	0.0314274
277	24-09-2025	Jetty CTMS Naptha	Vapour Elminator HOV -1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
278	24-09-2025	Jetty CTMS Naptha	Vapour Elminator HOV -1 down Stream	Flange	0.0	1	100	0.000000	8760	0
279	24-09-2025	Jetty CTMS Naptha	Vapour Elminator HOV -2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
280	24-09-2025	Jetty CTMS Naptha	Vapour Elminator HOV -2 down Stream	Flange	0.0	1	100	0.000000	8760	0
281	24-09-2025	Jetty CTMS Naptha	CTMS U/S Ringspacer	Flange	0.0	1	100	0.000000	8760	0
282	24-09-2025	Jetty CTMS Naptha	Firest Loop Pump U/S HOV Up Stream	Flange	0.1	1	100	0.000001	8760	0.0080021
283	24-09-2025	Jetty CTMS Naptha	Firest Loop Pump U/S HOV Down Stream	Flange	0.2	1	100	0.000001	8760	0.0130265
284	24-09-2025	Jetty CTMS Naptha	Firest Loop Pump U/S Drain Point HOV Up Stream	Flange	0.0	1	100	0.000000	8760	0
285	24-09-2025	Jetty CTMS Naptha	Firest Loop Pump U/S Drain Point HOV Down Stream	Flange	0.0	1	100	0.000000	8760	0
286	24-09-2025	Jetty CTMS Naptha	Firest Loop Pump Up Stream	Flange	0.6	1	100	0.000003	8760	0.0281998
287	24-09-2025	Jetty CTMS Naptha	Firest Loop Pump Down Stream	Flange	0.0	1	100	0.000000	8760	0
288	24-09-2025	Jetty CTMS Naptha	Flowmeter Up Stream	Flange	0.0	1	100	0.000000	8760	0
289	24-09-2025	Jetty CTMS Naptha	Flowmeter Down Stream	Flange	0.0	1	100	0.000000	8760	0
290	24-09-2025	Jetty CTMS Naptha	Firest Loop Pump Discharge PT HOV Up Stream	Flange	0.0	1	100	0.000000	8760	0
291	24-09-2025	Jetty CTMS Naptha	Firest Loop Pump Discharge PT HOV Down Stream	Flange	0.0	1	100	0.000000	8760	0
292	24-09-2025	Jetty CTMS Naptha	Firest Loop Pump Discharge TT HOV	Flange	0.0	1	100	0.000000	8760	0
293	24-09-2025	Jetty CTMS Naptha	Firest Loop Pump D/S Drain Point HOV Up Stream	Flange	0.0	1	100	0.000000	8760	0
294	24-09-2025	Jetty CTMS Naptha	Firest Loop Pump D/S Drain Point HOV Down Stream	Flange	0.0	1	100	0.000000	8760	0
295	24-09-2025	Jetty CTMS Naptha	Densitometer - 1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
296	24-09-2025	Jetty CTMS Naptha	Densitometer - 1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
297	24-09-2025	Jetty CTMS Naptha	Densitometer - 2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
298	24-09-2025	Jetty CTMS Naptha	Densitometer - 2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
299	24-09-2025	Jetty CTMS Naptha	Densitometer U/S HOV - 1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
300	24-09-2025	Jetty CTMS Naptha	Densitometer U/S HOV - 1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
301	24-09-2025	Jetty CTMS Naptha	Densitometer U/S HOV - 2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
302	24-09-2025	Jetty CTMS Naptha	Densitometer U/S HOV - 2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
303	24-09-2025	Jetty CTMS Naptha	Densitometer D/S HOV - 1 Up Stream	Flange	0.2	1	100	0.000001	8760	0.0130265
304	24-09-2025	Jetty CTMS Naptha	Densitometer D/S HOV - 1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
305	24-09-2025	Jetty CTMS Naptha	Densitometer D/S HOV - 2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
306	24-09-2025	Jetty CTMS Naptha	Densitometer D/S HOV - 2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
307	24-09-2025	Jetty CTMS Naptha	Densitometer D/S HPV	Flange	0.0	1	100	0.000000	8760	0
308	24-09-2025	Jetty CTMS Naptha	Sampler HOV - 1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
309	24-09-2025	Jetty CTMS Naptha	Sampler HOV - 1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
310	24-09-2025	Jetty CTMS Naptha	Sampler HOV - 2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
311	24-09-2025	Jetty CTMS Naptha	Sampler HOV - 2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
312	24-09-2025	Jetty CTMS Naptha	Globe Valve Up Stream	Flange	0.0	1	100	0.000000	8760	0
313	24-09-2025	Jetty CTMS Naptha	Globe Valve Down Stream	Flange	0.0	1	100	0.000000	8760	0
314	24-09-2025	Jetty CTMS Naptha	Firest Loop Pump D/S HOV Up Stream	Flange	0.0	1	100	0.000000	8760	0
315	24-09-2025	Jetty CTMS Naptha	Firest Loop Pump D/S HOV Down Stream	Flange	0.0	1	100	0.000000	8760	0
316	24-09-2025	Jetty CTMS Naptha	Header Drain HOV - 1 Up Stream	Flange	0.7	1	100	0.000004	8760	0.0314274

317	24-09-2025	Jetty CTMS Naptha	Header Drain HOV - 1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
318	24-09-2025	Jetty CTMS Naptha	Header Drain HOV - 2 Up Stream	Flange	0.2	1	100	0.000001	8760	0.0130265
319	24-09-2025	Jetty CTMS Naptha	Header Drain HOV - 2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
320	24-09-2025	Jetty CTMS Naptha	Stream 1 HOV - 1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
321	24-09-2025	Jetty CTMS Naptha	Stream 1 HOV - 1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
322	24-09-2025	Jetty CTMS Naptha	Stream 1 HOV - 2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
323	24-09-2025	Jetty CTMS Naptha	Stream 1 HOV - 2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
324	24-09-2025	Jetty CTMS Naptha	Stream 1 HOV - 3 Up Stream	Flange	0.0	1	100	0.000000	8760	0
325	24-09-2025	Jetty CTMS Naptha	Stream 1 HOV - 3 Down Stream	Flange	0.0	1	100	0.000000	8760	0
326	24-09-2025	Jetty CTMS Naptha	Stream 2 HOV - 1 Up Stream	Flange	0.2	1	100	0.000001	8760	0.0130265
327	24-09-2025	Jetty CTMS Naptha	Stream 2 HOV - 1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
328	24-09-2025	Jetty CTMS Naptha	Stream 2 HOV - 2 Up Stream	Flange	0.2	1	100	0.000001	8760	0.0130265
329	24-09-2025	Jetty CTMS Naptha	Stream 2 HOV - 2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
330	24-09-2025	Jetty CTMS Naptha	Stream 2 HOV - 3 Up Stream	Flange	0.0	1	100	0.000000	8760	0
331	24-09-2025	Jetty CTMS Naptha	Stream 2 HOV - 3 Down Stream	Flange	0.0	1	100	0.000000	8760	0
332	24-09-2025	Jetty CTMS Naptha	Stream 3 HOV - 1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
333	24-09-2025	Jetty CTMS Naptha	Stream 3 HOV - 1 Down Stream	Flange	0.3	1	100	0.000002	8760	0.0173229
334	24-09-2025	Jetty CTMS Naptha	Stream 3 HOV - 2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
335	24-09-2025	Jetty CTMS Naptha	Stream 3 HOV - 2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
336	24-09-2025	Jetty CTMS Naptha	Stream 3 HOV - 3 Up Stream	Flange	0.0	1	100	0.000000	8760	0
337	24-09-2025	Jetty CTMS Naptha	Stream 3 HOV - 3 Down Stream	Flange	0.0	1	100	0.000000	8760	0
338	24-09-2025	Jetty CTMS Naptha	Stream 4 HOV - 1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
339	24-09-2025	Jetty CTMS Naptha	Stream 4 HOV - 1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
340	24-09-2025	Jetty CTMS Naptha	Stream 4 HOV - 2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
341	24-09-2025	Jetty CTMS Naptha	Stream 4 HOV - 2 Down Stream	Flange	0.4	1	100	0.000002	8760	0.0212057
342	24-09-2025	Jetty CTMS Naptha	Stream 4 HOV - 3 Up Stream	Flange	0.0	1	100	0.000000	8760	0
343	24-09-2025	Jetty CTMS Naptha	Stream 4 HOV - 3 Down Stream	Flange	0.0	1	100	0.000000	8760	0
344	24-09-2025	Jetty CTMS Naptha	Back Filter- 1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
345	24-09-2025	Jetty CTMS Naptha	Back Filter - 1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
346	24-09-2025	Jetty CTMS Naptha	Back Filter - 2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
347	24-09-2025	Jetty CTMS Naptha	Back Filter - 2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
348	24-09-2025	Jetty CTMS Naptha	Back Filter - 3 Up Stream	Flange	0.1	1	100	0.000001	8760	0.0080021
349	24-09-2025	Jetty CTMS Naptha	Back Filter - 3 Down Stream	Flange	0.0	1	100	0.000000	8760	0
350	24-09-2025	Jetty CTMS Naptha	Back Filter - 4 Up Stream	Flange	0.1	1	100	0.000001	8760	0.0080021
351	24-09-2025	Jetty CTMS Naptha	Back Filter - 4 Down Stream	Flange	0.0	1	100	0.000000	8760	0
352	24-09-2025	Jetty CTMS Naptha	Back Filter Drain HOV - 1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
353	24-09-2025	Jetty CTMS Naptha	Back Filter Drain HOV - 1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
354	24-09-2025	Jetty CTMS Naptha	Back Filter Drain HOV - 2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
355	24-09-2025	Jetty CTMS Naptha	Back Filter Drain HOV - 2 Down Stream	Flange	0.2	1	100	0.000001	8760	0.0130265
356	24-09-2025	Jetty CTMS Naptha	Back Filter Drain HOV - 3 Up Stream	Flange	0.0	1	100	0.000000	8760	0
357	24-09-2025	Jetty CTMS Naptha	Back Filter Drain HOV - 3 Down Stream	Flange	0.0	1	100	0.000000	8760	0
358	24-09-2025	Jetty CTMS Naptha	Back Filter Drain HOV - 4 Up Stream	Flange	0.0	1	100	0.000000	8760	0
359	24-09-2025	Jetty CTMS Naptha	Back Filter Drain HOV - 4 Down Stream	Flange	0.0	1	100	0.000000	8760	0
360	24-09-2025	Jetty CTMS Naptha	Back Filter Drain HOV - 5 Up Stream	Flange	0.0	1	100	0.000000	8760	0
361	24-09-2025	Jetty CTMS Naptha	Back Filter Drain HOV - 5 Down Stream	Flange	0.0	1	100	0.000000	8760	0
362	24-09-2025	Jetty CTMS Naptha	Back Filter Drain HOV - 6 Up Stream	Flange	0.0	1	100	0.000000	8760	0
363	24-09-2025	Jetty CTMS Naptha	Back Filter Drain HOV - 6 Down Stream	Flange	0.0	1	100	0.000000	8760	0
364	24-09-2025	Jetty CTMS Naptha	Back Filter Drain HOV - 7 Up Stream	Flange	0.2	1	100	0.000001	8760	0.0130265
365	24-09-2025	Jetty CTMS Naptha	Back Filter Drain HOV - 7 Down Stream	Flange	0.0	1	100	0.000000	8760	0
366	24-09-2025	Jetty CTMS Naptha	Back Filter Drain HOV - 8 Up Stream	Flange	0.0	1	100	0.000000	8760	0
367	24-09-2025	Jetty CTMS Naptha	Back Filter Drain HOV - 8 Down Stream	Flange	0.0	1	100	0.000000	8760	0
368	24-09-2025	Jetty CTMS Naptha	Stream 1 MOV - 1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
369	24-09-2025	Jetty CTMS Naptha	Stream 1 MOV - 1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
370	24-09-2025	Jetty CTMS Naptha	Stream 2 MOV - 1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
371	24-09-2025	Jetty CTMS Naptha	Stream 2 MOV - 1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
372	24-09-2025	Jetty CTMS Naptha	Stream 2 MOV - 2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
373	24-09-2025	Jetty CTMS Naptha	Stream 2 MOV - 2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
374	24-09-2025	Jetty CTMS Naptha	Stream 3 MOV - 1 Up Stream	Flange	0.2	1	100	0.000001	8760	0.0130265
375	24-09-2025	Jetty CTMS Naptha	Stream 3 MOV - 1 Down Stream	Flange	0.0	1	100	0.000000	8760	0

376	24-09-2025	Jetty CTMS Naptha	Stream 3 MOV - 2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
377	24-09-2025	Jetty CTMS Naptha	Stream 3 MOV - 2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
378	24-09-2025	Jetty CTMS Naptha	Stream 4 MOV - 1 Up Stream	Flange	0.2	1	100	0.000001	8760	0.0130265
379	24-09-2025	Jetty CTMS Naptha	Stream 4 MOV - 1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
380	24-09-2025	Jetty CTMS Naptha	Stream 4 MOV - 2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
381	24-09-2025	Jetty CTMS Naptha	Stream 4 MOV - 2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
382	24-09-2025	Jetty CTMS Naptha	Stream 1 FCV - 1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
383	24-09-2025	Jetty CTMS Naptha	Stream 1 FCV - 1 Down Stream	Flange	0.2	1	100	0.000001	8760	0.0130265
384	24-09-2025	Jetty CTMS Naptha	Stream 2 FCV - 1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
385	24-09-2025	Jetty CTMS Naptha	Stream 2 FCV - 1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
386	24-09-2025	Jetty CTMS Naptha	Stream 2 FCV - 2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
387	24-09-2025	Jetty CTMS Naptha	Stream 2 FCV - 2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
388	24-09-2025	Jetty CTMS Naptha	Stream 3 FCV - 1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
389	24-09-2025	Jetty CTMS Naptha	Stream 3 FCV - 1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
390	24-09-2025	Jetty CTMS Naptha	Stream 3 FCV - 2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
391	24-09-2025	Jetty CTMS Naptha	Stream 3 FCV - 2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
392	24-09-2025	Jetty CTMS Naptha	Stream 4 FCV - 1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
393	24-09-2025	Jetty CTMS Naptha	Stream 4 FCV - 1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
394	24-09-2025	Jetty CTMS Naptha	Stream 4 FCV - 2 Up Stream	Flange	0.3	1	100	0.000002	8760	0.0173229
395	24-09-2025	Jetty CTMS Naptha	Stream 4 FCV - 2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
396	24-09-2025	Jetty CTMS Naptha	DGP HOV - 1 Up Stream	Flange	0.4	1	100	0.000002	8760	0.0212057
397	24-09-2025	Jetty CTMS Naptha	DGP HOV - 1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
398	24-09-2025	Jetty CTMS Naptha	DGP HOV - 2 Up Stream	Flange	0.2	1	100	0.000001	8760	0.0130265
399	24-09-2025	Jetty CTMS Naptha	DGP HOV - 2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
400	24-09-2025	Jetty CTMS Naptha	DGP HOV - 3 Up Stream	Flange	0.0	1	100	0.000000	8760	0
401	24-09-2025	Jetty CTMS Naptha	DGP HOV - 3 Down Stream	Flange	0.0	1	100	0.000000	8760	0
402	24-09-2025	Jetty CTMS Naptha	DGP HOV - 4 Up Stream	Flange	0.0	1	100	0.000000	8760	0
403	24-09-2025	Jetty CTMS Naptha	DGP HOV - 4 Down Stream	Flange	0.0	1	100	0.000000	8760	0
404	24-09-2025	Jetty CTMS Naptha	DGP HOV - 5 Up Stream	Flange	0.0	1	100	0.000000	8760	0
405	24-09-2025	Jetty CTMS Naptha	DGP HOV - 5 Down Stream	Flange	0.2	1	100	0.000001	8760	0.0130265
406	24-09-2025	Jetty CTMS Naptha	DGP HOV - 6 Up Stream	Flange	0.0	1	100	0.000000	8760	0
407	24-09-2025	Jetty CTMS Naptha	DGP HOV - 6 Down Stream	Flange	0.0	1	100	0.000000	8760	0
408	24-09-2025	Jetty CTMS Naptha	DGP HOV - 7 Up Stream	Flange	0.0	1	100	0.000000	8760	0
409	24-09-2025	Jetty CTMS Naptha	DGP HOV - 7 Down Stream	Flange	0.2	1	100	0.000001	8760	0.0130265
410	24-09-2025	Jetty CTMS Naptha	DGP HOV - 8 Up Stream	Flange	0.0	1	100	0.000000	8760	0
411	24-09-2025	Jetty CTMS Naptha	DGP HOV - 8 Down Stream	Flange	0.0	1	100	0.000000	8760	0
412	24-09-2025	Jetty CTMS Naptha	PSV - 1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
413	24-09-2025	Jetty CTMS Naptha	PSV - 1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
414	24-09-2025	Jetty CTMS Naptha	PSV - 2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
415	24-09-2025	Jetty CTMS Naptha	PSV - 2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
416	24-09-2025	Jetty CTMS Naptha	PSV - 3 Up Stream	Flange	0.1	1	100	0.000001	8760	0.0080021
417	24-09-2025	Jetty CTMS Naptha	PSV - 3 Down Stream	Flange	0.0	1	100	0.000000	8760	0
418	24-09-2025	Jetty CTMS Naptha	PSV - 4 Up Stream	Flange	0.0	1	100	0.000000	8760	0
419	24-09-2025	Jetty CTMS Naptha	PSV - 4 Down Stream	Flange	0.0	1	100	0.000000	8760	0
420	24-09-2025	Jetty CTMS Naptha	PSV U/S HOV - 1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
421	24-09-2025	Jetty CTMS Naptha	PSV U/S HOV - 1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
422	24-09-2025	Jetty CTMS Naptha	PSV U/S HOV - 2 Up Stream	Flange	0.1	1	100	0.000001	8760	0.0080021
423	24-09-2025	Jetty CTMS Naptha	PSV U/S HOV - 2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
424	24-09-2025	Jetty CTMS Naptha	PSV U/S HOV - 3 Up Stream	Flange	0.0	1	100	0.000000	8760	0
425	24-09-2025	Jetty CTMS Naptha	PSV U/S HOV - 3 Down Stream	Flange	0.0	1	100	0.000000	8760	0
426	24-09-2025	Jetty CTMS Naptha	PSV U/S HOV - 4 Up Stream	Flange	0.0	1	100	0.000000	8760	0
427	24-09-2025	Jetty CTMS Naptha	PSV U/S HOV - 4 Down Stream	Flange	0.0	1	100	0.000000	8760	0
428	24-09-2025	Jetty CTMS Naptha	PSV D/S HOV - 1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
429	24-09-2025	Jetty CTMS Naptha	PSV D/S HOV - 1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
430	24-09-2025	Jetty CTMS Naptha	PSV D/S HOV - 2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
431	24-09-2025	Jetty CTMS Naptha	PSV D/S HOV - 2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
432	24-09-2025	Jetty CTMS Naptha	PSV D/S HOV - 3 Up Stream	Flange	0.0	1	100	0.000000	8760	0
433	24-09-2025	Jetty CTMS Naptha	PSV D/S HOV - 3 Down Stream	Flange	0.0	1	100	0.000000	8760	0
434	24-09-2025	Jetty CTMS Naptha	PSV D/S HOV - 4 Up Stream	Flange	0.2	1	100	0.000001	8760	0.0130265
435	24-09-2025	Jetty CTMS Naptha	PSV D/S HOV - 4 Down Stream	Flange	0.0	1	100	0.000000	8760	0
436	24-09-2025	Jetty CTMS Naptha	Stream 1 Flowmeter - 1	Flange	0.0	1	100	0.000000	8760	0
437	24-09-2025	Jetty CTMS Naptha	Stream 1 Flowmeter - 2	Flange	0.0	1	100	0.000000	8760	0
438	24-09-2025	Jetty CTMS Naptha	Stream 1 Flowmeter - 3	Flange	0.1	1	100	0.000001	8760	0.0080021
439	24-09-2025	Jetty CTMS Naptha	Stream 1 Flowmeter - 4	Flange	0.0	1	100	0.000000	8760	0
440	24-09-2025	Jetty CTMS Naptha	Stream 1 Flowmeter - 5	Flange	0.0	1	100	0.000000	8760	0
441	24-09-2025	Jetty CTMS Naptha	Stream 1 Flowmeter - 6	Flange	0.0	1	100	0.000000	8760	0
442	24-09-2025	Jetty CTMS Naptha	Stream 1 Flowmeter - 7	Flange	0.3	1	100	0.000002	8760	0.0173229
443	24-09-2025	Jetty CTMS Naptha	Stream 1 Flowmeter - 8	Flange	0.0	1	100	0.000000	8760	0
444	24-09-2025	Jetty CTMS Naptha	Stream 1 Flowmeter - 9	Flange	0.2	1	100	0.000001	8760	0.0130265
445	24-09-2025	Jetty CTMS Naptha	Stream 1 Flowmeter - 10	Flange	0.0	1	100	0.000000	8760	0
446	24-09-2025	Jetty CTMS Naptha	Stream 2 Flowmeter - 1	Flange	0.0	1	100	0.000000	8760	0
447	24-09-2025	Jetty CTMS Naptha	Stream 2 Flowmeter - 2	Flange	0.5	1	100	0.000003	8760	0.0248074
448	24-09-2025	Jetty CTMS Naptha	Stream 2 Flowmeter - 3	Flange	0.0	1	100	0.000000	8760	0
449	24-09-2025	Jetty CTMS Naptha	Stream 2 Flowmeter - 4	Flange	0.3	1	100	0.000002	8760	0.0173229
450	24-09-2025	Jetty CTMS Naptha	Stream 2 Flowmeter - 5	Flange	0.0	1	100	0.000000	8760	0
451	24-09-2025	Jetty CTMS Naptha	Stream 2 Flowmeter - 6	Flange	0.0	1	100	0.000000	8760	0
452	24-09-2025	Jetty CTMS Naptha	Stream 2 Flowmeter - 7	Flange	0.0	1	100	0.000000	8760	0
453	24-09-2025	Jetty CTMS Naptha	Stream 2 Flowmeter - 8	Flange	0.0	1	100	0.000000	8760	0
454	24-09-2025	Jetty CTMS Naptha	Stream 2 Flowmeter - 9	Flange	0.0	1	100	0.000000	8760	0

455	24-09-2025	Jetty CTMS Naptha	Stream 2 Flowmeter - 10	Flange	0.0	1	100	0.000000	8760	0
456	24-09-2025	Jetty CTMS Naptha	Stream 3 Flowmeter - 1	Flange	0.1	1	100	0.000001	8760	0.0080021
457	24-09-2025	Jetty CTMS Naptha	Stream 3 Flowmeter - 2	Flange	0.1	1	100	0.000001	8760	0.0080021
458	24-09-2025	Jetty CTMS Naptha	Stream 3 Flowmeter - 3	Flange	0.1	1	100	0.000001	8760	0.0080021
459	24-09-2025	Jetty CTMS Naptha	Stream 3 Flowmeter - 4	Flange	0.0	1	100	0.000000	8760	0
460	24-09-2025	Jetty CTMS Naptha	Stream 3 Flowmeter - 5	Flange	0.0	1	100	0.000000	8760	0
461	24-09-2025	Jetty CTMS Naptha	Stream 3 Flowmeter - 6	Flange	0.0	1	100	0.000000	8760	0
462	24-09-2025	Jetty CTMS Naptha	Stream 3 Flowmeter - 7	Flange	0.0	1	100	0.000000	8760	0
463	24-09-2025	Jetty CTMS Naptha	Stream 3 Flowmeter - 8	Flange	0.0	1	100	0.000000	8760	0
464	24-09-2025	Jetty CTMS Naptha	Stream 3 Flowmeter - 9	Flange	0.0	1	100	0.000000	8760	0
465	24-09-2025	Jetty CTMS Naptha	Stream 3 Flowmeter - 10	Flange	0.4	1	100	0.000002	8760	0.0212057
466	24-09-2025	Jetty CTMS Naptha	Stream 4 Flowmeter - 1	Flange	0.0	1	100	0.000000	8760	0
467	24-09-2025	Jetty CTMS Naptha	Stream 4 Flowmeter - 2	Flange	0.0	1	100	0.000000	8760	0
468	24-09-2025	Jetty CTMS Naptha	Stream 4 Flowmeter - 3	Flange	0.0	1	100	0.000000	8760	0
469	24-09-2025	Jetty CTMS Naptha	Stream 4 Flowmeter - 4	Flange	0.0	1	100	0.000000	8760	0
470	24-09-2025	Jetty CTMS Naptha	Stream 4 Flowmeter - 5	Flange	0.0	1	100	0.000000	8760	0
471	24-09-2025	Jetty CTMS Naptha	Stream 4 Flowmeter - 6	Flange	0.0	1	100	0.000000	8760	0
472	24-09-2025	Jetty CTMS Naptha	Stream 4 Flowmeter - 7	Flange	0.0	1	100	0.000000	8760	0
473	24-09-2025	Jetty CTMS Naptha	Stream 4 Flowmeter - 8	Flange	0.0	1	100	0.000000	8760	0
474	24-09-2025	Jetty CTMS Naptha	Stream 4 Flowmeter - 9	Flange	0.0	1	100	0.000000	8760	0
475	24-09-2025	Jetty CTMS Naptha	Stream 4 Flowmeter - 10	Flange	0.0	1	100	0.000000	8760	0
476	24-09-2025	Jetty CTMS Naptha	CTMS U/S Ringspacer	Flange	0.2	1	100	0.000001	8760	0.0130265
477	24-09-2025	Jetty CTMS Naptha	PCV U/S HOV Up Stream	Flange	0.0	1	100	0.000000	8760	0
478	24-09-2025	Jetty CTMS Naptha	PCV U/S HOV Down Stream	Flange	0.0	1	100	0.000000	8760	0
479	24-09-2025	Jetty CTMS Naptha	PCV D/S HOV Up Stream	Flange	0.0	1	100	0.000000	8760	0
480	24-09-2025	Jetty CTMS Naptha	PCV D/S HOV Down Stream	Flange	0.0	1	100	0.000000	8760	0
481	24-09-2025	Jetty CTMS Naptha	PCV Up Stream	Flange	0.0	1	100	0.000000	8760	0
482	24-09-2025	Jetty CTMS Naptha	PCV Down Stream	Flange	0.0	1	100	0.000000	8760	0
483	24-09-2025	Jetty CTMS Naptha	PCV U/S LPD	Flange	0.0	1	100	0.000000	8760	0
484	24-09-2025	Jetty CTMS Naptha	PCV D/S LPD	Flange	0.0	1	100	0.000000	8760	0
485	24-09-2025	Jetty CTMS Naptha	PCV U/S PT	Flange	0.6	1	100	0.000003	8760	0.0281998
486	24-09-2025	Jetty CTMS Naptha	PCV D/S PT	Flange	0.2	1	100	0.000001	8760	0.0130265
487	24-09-2025	Jetty CTMS Naptha	PCV D/S PSV	Flange	0.0	1	100	0.000000	8760	0
488	24-09-2025	Jetty CTMS Naptha	PSV U/S & D/S HOV - 1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
489	24-09-2025	Jetty CTMS Naptha	PSV U/S & D/S HOV - 1 Down Stream	Flange	0.2	1	100	0.000001	8760	0.0130265
490	24-09-2025	Jetty CTMS Naptha	PSV U/S & D/S HOV - 2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
491	24-09-2025	Jetty CTMS Naptha	PSV U/S & D/S HOV - 2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
492	24-09-2025	Jetty CTMS Naptha	PSV U/S & D/S LPD Up Stream	Flange	0.0	1	100	0.000000	8760	0
493	24-09-2025	Jetty CTMS Naptha	PSV U/S & D/S LPD Down Stream	Flange	0.0	1	100	0.000000	8760	0
494	24-09-2025	Jetty CTMS Naptha	CTMS D/S HPV	Flange	0.0	1	100	0.000000	8760	0
495	24-09-2025	Jetty CTMS Naptha	Prover U/S & D/S Spool Up Stream	Flange	0.1	1	100	0.000001	8760	0.0080021
496	24-09-2025	Jetty CTMS Naptha	Prover U/S & D/S Spool Down Stream	Flange	0.0	1	100	0.000000	8760	0
497	24-09-2025	Jetty CTMS Naptha	Prover Inlet & Outlet Hov -1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
498	24-09-2025	Jetty CTMS Naptha	Prover Inlet & Outlet Hov -1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
499	24-09-2025	Jetty CTMS Naptha	Prover Inlet & Outlet Hov -2 Up Stream	Flange	0.1	1	100	0.000001	8760	0.0080021
500	24-09-2025	Jetty CTMS Naptha	Prover Inlet & Outlet Hov -2 Down Stream	Flange	0.2	1	100	0.000001	8760	0.0130265
501	24-09-2025	Jetty CTMS Naptha	Prover Spool Up Stream	Flange	0.0	1	100	0.000000	8760	0
502	24-09-2025	Jetty CTMS Naptha	Prover Spool Down Stream	Flange	0.0	1	100	0.000000	8760	0
503	24-09-2025	Jetty CTMS Naptha	Prover PT HOV Up Stream	Flange	0.0	1	100	0.000000	8760	0
504	24-09-2025	Jetty CTMS Naptha	Prover PT HOV Down Stream	Flange	0.2	1	100	0.000001	8760	0.0130265
505	24-09-2025	Jetty CTMS Naptha	Prover Spare Connection Up Stream	Flange	0.0	1	100	0.000000	8760	0
506	24-09-2025	Jetty CTMS Naptha	Prover Spare Connection Down Stream	Flange	0.0	1	100	0.000000	8760	0
507	24-09-2025	Jetty CTMS Naptha	Prover PSV	Flange	0.0	1	100	0.000000	8760	0
508	24-09-2025	Jetty CTMS Naptha	Prover Vent Hov - 1 Up Stream	Flange	0.0	1	100	0.000000	8760	0
509	24-09-2025	Jetty CTMS Naptha	Prover Vent Hov - 1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
510	24-09-2025	Jetty CTMS Naptha	Prover Vent Hov - 2 Up Stream	Flange	0.0	1	100	0.000000	8760	0
511	24-09-2025	Jetty CTMS Naptha	Prover Vent Hov - 2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
512	24-09-2025	Jetty CTMS Naptha	Prover LPD	Flange	0.0	1	100	0.000000	8760	0
513	24-09-2025	Jetty CTMS Naptha	Prover LPD UP Stream	Flange	0.0	1	100	0.000000	8760	0
514	24-09-2025	Jetty CTMS Naptha	Prover LPD Down Stream	Flange	0.0	1	100	0.000000	8760	0
515	24-09-2025	Jetty CTMS Naptha	Drain Hov -1 UP Stream	Flange	0.1	1	100	0.000001	8760	0.0080021
516	24-09-2025	Jetty CTMS Naptha	Drain Hov -1 Down Stream	Flange	0.0	1	100	0.000000	8760	0
517	24-09-2025	Jetty CTMS Naptha	Drain Hov -2 UP Stream	Flange	0.2	1	100	0.000001	8760	0.0130265
518	24-09-2025	Jetty CTMS Naptha	Drain Hov -2 Down Stream	Flange	0.0	1	100	0.000000	8760	0
519	24-09-2025	Jetty CTMS Naptha	Drain Hov -3 UP Stream	Flange	0.0	1	100	0.000000	8760	0
520	24-09-2025	Jetty CTMS Naptha	Drain Hov -3 Down Stream	Flange	0.0	1	100	0.000000	8760	0
521	24-09-2025	Jetty CTMS Naptha	Drain Hov -4 UP Stream	Flange	0.0	1	100	0.000000	8760	0

522	24-09-2025	Jetty CTMS Naptha	Drain Hov -4 Down Stream	Flange	0.0	1	100	0.000000	8760	0
523	24-09-2025	Jetty CTMS Naptha	Drain Hov -5 UP Stream	Flange	0.0	1	100	0.000000	8760	0
524	24-09-2025	Jetty CTMS Naptha	Drain Hov -5 Down Stream	Flange	0.0	1	100	0.000000	8760	0
525	24-09-2025	Jetty CTMS Naptha	Drain Hov -6 UP Stream	Flange	0.0	1	100	0.000000	8760	0
526	24-09-2025	Jetty CTMS Naptha	Drain Hov -6 Down Stream	Flange	0.0	1	100	0.000000	8760	0
527	24-09-2025	Jetty CTMS Naptha	CBD Line HOV Up Stream	Flange	0.0	1	100	0.000000	8760	0
528	24-09-2025	Jetty CTMS Naptha	CBD Line HOV Down Stream	Flange	0.2	1	100	0.000001	8760	0.0130265
529	24-09-2025	Jetty CTMS Naptha	CBD Line End Flange	Flange	0.1	1	100	0.000001	8760	0.0080021
530	24-09-2025	Jetty CTMS Naptha	CBD Line NRV Up Stream	Flange	0.0	1	100	0.000000	8760	0
531	24-09-2025	Jetty CTMS Naptha	CBD Line NRV Down Stream	Flange	0.0	1	100	0.000000	8760	0
532	24-09-2025	Jetty CTMS MS - R	Vapour Elminator HPV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
533	24-09-2025	Jetty CTMS MS - R	Vapour Elminator HPV Down Stream	Flange	0.2	0.8	100	0.000001	8760	0.0104212
534	24-09-2025	Jetty CTMS MS - R	Main Line PSV	Flange	0.0	0.8	100	0.000000	8760	0
535	24-09-2025	Jetty CTMS MS - R	Main Line PSV U/S Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
536	24-09-2025	Jetty CTMS MS - R	Main Line PSV U/S Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
537	24-09-2025	Jetty CTMS MS - R	Main Line PSV D/S Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
538	24-09-2025	Jetty CTMS MS - R	Main Line PSV D/S Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
539	24-09-2025	Jetty CTMS MS - R	Main Line PSV U/S Drain Point	Flange	0.2	0.8	100	0.000001	8760	0.0104212
540	24-09-2025	Jetty CTMS MS - R	Main Line PSV D/S Drain Point	Flange	0.0	0.8	100	0.000000	8760	0
541	24-09-2025	Jetty CTMS MS - R	Vapour Elminator Inlet	Flange	0.1	0.8	100	0.000001	8760	0.0064017
542	24-09-2025	Jetty CTMS MS - R	Vapour Elminator Outlet	Flange	0.0	0.8	100	0.000000	8760	0
543	24-09-2025	Jetty CTMS MS - R	Vapour Elminator Manhole	Flange	0.0	0.8	100	0.000000	8760	0
544	24-09-2025	Jetty CTMS MS - R	Vapour Elminator Drain Point HOV	Flange	0.0	0.8	100	0.000000	8760	0
545	24-09-2025	Jetty CTMS MS - R	Vapour Elminator PSV	Flange	0.0	0.8	100	0.000000	8760	0
546	24-09-2025	Jetty CTMS MS - R	Vapour Eliminator PSV U/S HOV Up Stream	Flange	0.1	0.8	100	0.000001	8760	0.0064017
547	24-09-2025	Jetty CTMS MS - R	Vapour Eliminator PSV U/S HOVDown Stream	Flange	0.0	0.8	100	0.000000	8760	0
548	24-09-2025	Jetty CTMS MS - R	Vapour Eliminator PSV D/S HOV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
549	24-09-2025	Jetty CTMS MS - R	Vapour Eliminator PSV D/S HOVDown Stream	Flange	0.0	0.8	100	0.000000	8760	0
550	24-09-2025	Jetty CTMS MS - R	Vapour Elminator PSV U/S Drain Point	Flange	0.0	0.8	100	0.000000	8760	0
551	24-09-2025	Jetty CTMS MS - R	Vapour Elminator PSV D/S Drain Point	Flange	0.2	0.8	100	0.000001	8760	0.0104212
552	24-09-2025	Jetty CTMS MS - R	Vapour Elminator Vent Point	Flange	0.0	0.8	100	0.000000	8760	0
553	24-09-2025	Jetty CTMS MS - R	Vapour Elminator HOV -1 Up Stream	Flange	0.3	0.8	100	0.000002	8760	0.0138583
554	24-09-2025	Jetty CTMS MS - R	Vapour Elminator HOV -1 down Stream	Flange	0.0	0.8	100	0.000000	8760	0
555	24-09-2025	Jetty CTMS MS - R	Vapour Elminator HOV -2 Up Stream	Flange	0.4	0.8	100	0.000002	8760	0.0169646
556	24-09-2025	Jetty CTMS MS - R	Vapour Elminator HOV -2 down Stream	Flange	0.0	0.8	100	0.000000	8760	0
557	24-09-2025	Jetty CTMS MS - R	CTMS U/S Ringspacer	Flange	0.0	0.8	100	0.000000	8760	0
558	24-09-2025	Jetty CTMS MS - R	Firest Loop Pump U/S HOV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
559	24-09-2025	Jetty CTMS MS - R	Firest Loop Pump U/S HOV Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
560	24-09-2025	Jetty CTMS MS - R	Firest Loop Pump U/S Drain Point HOV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
561	24-09-2025	Jetty CTMS MS - R	Firest Loop Pump U/S Drain Point HOV Down Stream	Flange	0.2	0.8	100	0.000001	8760	0.0104212
562	24-09-2025	Jetty CTMS MS - R	Firest Loop Pump Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
563	24-09-2025	Jetty CTMS MS - R	Firest Loop Pump Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
564	24-09-2025	Jetty CTMS MS - R	Flowmeter Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
565	24-09-2025	Jetty CTMS MS - R	Flowmeter Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
566	24-09-2025	Jetty CTMS MS - R	Firest Loop Pump Discharge PT HOV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
567	24-09-2025	Jetty CTMS MS - R	Firest Loop Pump Discharge PT HOV Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
568	24-09-2025	Jetty CTMS MS - R	Firest Loop Pump Discharge TT HOV	Flange	0.2	0.8	100	0.000001	8760	0.0104212
569	24-09-2025	Jetty CTMS MS - R	Firest Loop Pump D/S Drain Point HOV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
570	24-09-2025	Jetty CTMS MS - R	Firest Loop Pump D/S Drain Point HOV Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
571	24-09-2025	Jetty CTMS MS - R	Densitometer - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
572	24-09-2025	Jetty CTMS MS - R	Densitometer - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
573	24-09-2025	Jetty CTMS MS - R	Densitometer - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
574	24-09-2025	Jetty CTMS MS - R	Densitometer - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
575	24-09-2025	Jetty CTMS MS - R	Densitometer U/S HOV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
576	24-09-2025	Jetty CTMS MS - R	Densitometer U/S HOV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0

577	24-09-2025	Jetty CTMS MS - R	Densitometer U/S HOV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
578	24-09-2025	Jetty CTMS MS - R	Densitometer U/S HOV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
579	24-09-2025	Jetty CTMS MS - R	Densitometer D/S HOV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
580	24-09-2025	Jetty CTMS MS - R	Densitometer D/S HOV - 1 Down Stream	Flange	0.2	0.8	100	0.000001	8760	0.0104212
581	24-09-2025	Jetty CTMS MS - R	Densitometer D/S HOV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
582	24-09-2025	Jetty CTMS MS - R	Densitometer D/S HOV - 2 Down Stream	Flange	0.1	0.8	100	0.000001	8760	0.0064017
583	24-09-2025	Jetty CTMS MS - R	Densitometer D/S HPV	Flange	0.0	0.8	100	0.000000	8760	0
584	24-09-2025	Jetty CTMS MS - R	Sampler HOV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
585	24-09-2025	Jetty CTMS MS - R	Sampler HOV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
586	24-09-2025	Jetty CTMS MS - R	Sampler HOV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
587	24-09-2025	Jetty CTMS MS - R	Sampler HOV - 2 Down Stream	Flange	0.2	0.8	100	0.000001	8760	0.0104212
588	24-09-2025	Jetty CTMS MS - R	Globe Valve Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
589	24-09-2025	Jetty CTMS MS - R	Globe Valve Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
590	24-09-2025	Jetty CTMS MS - R	Firest Loop Pump D/S HOV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
591	24-09-2025	Jetty CTMS MS - R	Firest Loop Pump D/S HOV Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
592	24-09-2025	Jetty CTMS MS - R	Header Drain HOV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
593	24-09-2025	Jetty CTMS MS - R	Header Drain HOV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
594	24-09-2025	Jetty CTMS MS - R	Header Drain HOV - 2 Up Stream	Flange	0.4	0.8	100	0.000002	8760	0.0169646
595	24-09-2025	Jetty CTMS MS - R	Header Drain HOV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
596	24-09-2025	Jetty CTMS MS - R	Stream 1 HOV - 1 Up Stream	Flange	0.3	0.8	100	0.000002	8760	0.0138583
597	24-09-2025	Jetty CTMS MS - R	Stream 1 HOV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
598	24-09-2025	Jetty CTMS MS - R	Stream 1 HOV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
599	24-09-2025	Jetty CTMS MS - R	Stream 1 HOV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
600	24-09-2025	Jetty CTMS MS - R	Stream 1 HOV - 3 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
601	24-09-2025	Jetty CTMS MS - R	Stream 1 HOV - 3 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
602	24-09-2025	Jetty CTMS MS - R	Stream 2 HOV - 1 Up Stream	Flange	0.2	0.8	100	0.000001	8760	0.0104212
603	24-09-2025	Jetty CTMS MS - R	Stream 2 HOV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
604	24-09-2025	Jetty CTMS MS - R	Stream 2 HOV - 2 Up Stream	Flange	0.1	0.8	100	0.000001	8760	0.0064017
605	24-09-2025	Jetty CTMS MS - R	Stream 2 HOV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
606	24-09-2025	Jetty CTMS MS - R	Stream 2 HOV - 3 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
607	24-09-2025	Jetty CTMS MS - R	Stream 2 HOV - 3 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
608	24-09-2025	Jetty CTMS MS - R	Stream 3 HOV - 1 Up Stream	Flange	0.3	0.8	100	0.000002	8760	0.0138583
609	24-09-2025	Jetty CTMS MS - R	Stream 3 HOV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
610	24-09-2025	Jetty CTMS MS - R	Stream 3 HOV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
611	24-09-2025	Jetty CTMS MS - R	Stream 3 HOV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
612	24-09-2025	Jetty CTMS MS - R	Stream 3 HOV - 3 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
613	24-09-2025	Jetty CTMS MS - R	Stream 3 HOV - 3 Down Stream	Flange	0.2	0.8	100	0.000001	8760	0.0104212
614	24-09-2025	Jetty CTMS MS - R	Stream 4 HOV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
615	24-09-2025	Jetty CTMS MS - R	Stream 4 HOV - 1 Down Stream	Flange	0.1	0.8	100	0.000001	8760	0.0064017
616	24-09-2025	Jetty CTMS MS - R	Stream 4 HOV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
617	24-09-2025	Jetty CTMS MS - R	Stream 4 HOV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
618	24-09-2025	Jetty CTMS MS - R	Stream 4 HOV - 3 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
619	24-09-2025	Jetty CTMS MS - R	Stream 4 HOV - 3 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
620	24-09-2025	Jetty CTMS MS - R	Back Filter- 1 Up Stream	Flange	0.1	0.8	100	0.000001	8760	0.0064017
621	24-09-2025	Jetty CTMS MS - R	Back Filter - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
622	24-09-2025	Jetty CTMS MS - R	Back Filter - 2 Up Stream	Flange	0.2	0.8	100	0.000001	8760	0.0104212
623	24-09-2025	Jetty CTMS MS - R	Back Filter - 2 Down Stream	Flange	0.4	0.8	100	0.000002	8760	0.0169646
624	24-09-2025	Jetty CTMS MS - R	Back Filter - 3 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
625	24-09-2025	Jetty CTMS MS - R	Back Filter - 3 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
626	24-09-2025	Jetty CTMS MS - R	Back Filter - 4 Up Stream	Flange	2.1	0.8	100	0.000006	8760	0.0544271
627	24-09-2025	Jetty CTMS MS - R	Back Filter - 4 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
628	24-09-2025	Jetty CTMS MS - R	Back Filter Drain HOV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
629	24-09-2025	Jetty CTMS MS - R	Back Filter Drain HOV - 1 Down Stream	Flange	4.8	0.8	100	0.000011	8760	0.0973212
630	24-09-2025	Jetty CTMS MS - R	Back Filter Drain HOV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
631	24-09-2025	Jetty CTMS MS - R	Back Filter Drain HOV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
632	24-09-2025	Jetty CTMS MS - R	Back Filter Drain HOV - 3 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
633	24-09-2025	Jetty CTMS MS - R	Back Filter Drain HOV - 3 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
634	24-09-2025	Jetty CTMS MS - R	Back Filter Drain HOV - 4 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
635	24-09-2025	Jetty CTMS MS - R	Back Filter Drain HOV - 4 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
636	24-09-2025	Jetty CTMS MS - R	Back Filter Drain HOV - 5 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0

637	24-09-2025	Jetty CTMS MS - R	Back Filter Drain HOV - 5 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
638	24-09-2025	Jetty CTMS MS - R	Back Filter Drain HOV - 6 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
639	24-09-2025	Jetty CTMS MS - R	Back Filter Drain HOV - 6 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
640	24-09-2025	Jetty CTMS MS - R	Back Filter Drain HOV - 7 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
641	24-09-2025	Jetty CTMS MS - R	Back Filter Drain HOV - 7 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
642	24-09-2025	Jetty CTMS MS - R	Back Filter Drain HOV - 8 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
643	24-09-2025	Jetty CTMS MS - R	Back Filter Drain HOV - 8 Down Stream	Flange	0.2	0.8	100	0.000001	8760	0.0104212
644	24-09-2025	Jetty CTMS MS - R	Stream 1 MOV - 1 Up Stream	Flange	0.1	0.8	100	0.000001	8760	0.0064017
645	24-09-2025	Jetty CTMS MS - R	Stream 1 MOV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
646	24-09-2025	Jetty CTMS MS - R	Stream 2 MOV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
647	24-09-2025	Jetty CTMS MS - R	Stream 2 MOV - 1 Down Stream	Flange	0.1	0.8	100	0.000001	8760	0.0064017
648	24-09-2025	Jetty CTMS MS - R	Stream 2 MOV - 2 Up Stream	Flange	0.1	0.8	100	0.000001	8760	0.0064017
649	24-09-2025	Jetty CTMS MS - R	Stream 2 MOV - 2 Down Stream	Flange	0.1	0.8	100	0.000001	8760	0.0064017
650	24-09-2025	Jetty CTMS MS - R	Stream 3 MOV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
651	24-09-2025	Jetty CTMS MS - R	Stream 3 MOV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
652	24-09-2025	Jetty CTMS MS - R	Stream 3 MOV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
653	24-09-2025	Jetty CTMS MS - R	Stream 3 MOV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
654	24-09-2025	Jetty CTMS MS - R	Stream 4 MOV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
655	24-09-2025	Jetty CTMS MS - R	Stream 4 MOV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
656	24-09-2025	Jetty CTMS MS - R	Stream 4 MOV - 2 Up Stream	Flange	0.5	0.8	100	0.000002	8760	0.0198459
657	24-09-2025	Jetty CTMS MS - R	Stream 4 MOV - 2 Down Stream	Flange	0.3	0.8	100	0.000002	8760	0.0138583
658	24-09-2025	Jetty CTMS MS - R	Stream 1 FCV - 1 Up Stream	Flange	0.1	0.8	100	0.000001	8760	0.0064017
659	24-09-2025	Jetty CTMS MS - R	Stream 1 FCV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
660	24-09-2025	Jetty CTMS MS - R	Stream 2 FCV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
661	24-09-2025	Jetty CTMS MS - R	Stream 2 FCV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
662	24-09-2025	Jetty CTMS MS - R	Stream 2 FCV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
663	24-09-2025	Jetty CTMS MS - R	Stream 2 FCV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
664	24-09-2025	Jetty CTMS MS - R	Stream 3 FCV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
665	24-09-2025	Jetty CTMS MS - R	Stream 3 FCV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
666	24-09-2025	Jetty CTMS MS - R	Stream 3 FCV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
667	24-09-2025	Jetty CTMS MS - R	Stream 3 FCV - 2 Down Stream	Flange	0.2	0.8	100	0.000001	8760	0.0104212
668	24-09-2025	Jetty CTMS MS - R	Stream 4 FCV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
669	24-09-2025	Jetty CTMS MS - R	Stream 4 FCV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
670	24-09-2025	Jetty CTMS MS - R	Stream 4 FCV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
671	24-09-2025	Jetty CTMS MS - R	Stream 4 FCV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
672	24-09-2025	Jetty CTMS MS - R	DGP HOV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
673	24-09-2025	Jetty CTMS MS - R	DGP HOV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
674	24-09-2025	Jetty CTMS MS - R	DGP HOV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
675	24-09-2025	Jetty CTMS MS - R	DGP HOV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
676	24-09-2025	Jetty CTMS MS - R	DGP HOV - 3 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
677	24-09-2025	Jetty CTMS MS - R	DGP HOV - 3 Down Stream	Flange	0.4	0.8	100	0.000002	8760	0.0169646
678	24-09-2025	Jetty CTMS MS - R	DGP HOV - 4 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
679	24-09-2025	Jetty CTMS MS - R	DGP HOV - 4 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
680	24-09-2025	Jetty CTMS MS - R	DGP HOV - 5 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
681	24-09-2025	Jetty CTMS MS - R	DGP HOV - 5 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
682	24-09-2025	Jetty CTMS MS - R	DGP HOV - 6 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
683	24-09-2025	Jetty CTMS MS - R	DGP HOV - 6 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
684	24-09-2025	Jetty CTMS MS - R	DGP HOV - 7 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
685	24-09-2025	Jetty CTMS MS - R	DGP HOV - 7 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
686	24-09-2025	Jetty CTMS MS - R	DGP HOV - 8 Up Stream	Flange	0.3	0.8	100	0.000002	8760	0.0138583
687	24-09-2025	Jetty CTMS MS - R	DGP HOV - 8 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
688	24-09-2025	Jetty CTMS MS - R	PSV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
689	24-09-2025	Jetty CTMS MS - R	PSV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
690	24-09-2025	Jetty CTMS MS - R	PSV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
691	24-09-2025	Jetty CTMS MS - R	PSV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
692	24-09-2025	Jetty CTMS MS - R	PSV - 3 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
693	24-09-2025	Jetty CTMS MS - R	PSV - 3 Down Stream	Flange	0.1	0.8	100	0.000001	8760	0.0064017
694	24-09-2025	Jetty CTMS MS - R	PSV - 4 Up Stream	Flange	0.2	0.8	100	0.000001	8760	0.0104212
695	24-09-2025	Jetty CTMS MS - R	PSV - 4 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
696	24-09-2025	Jetty CTMS MS - R	PSV U/S HOV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
697	24-09-2025	Jetty CTMS MS - R	PSV U/S HOV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
698	24-09-2025	Jetty CTMS MS - R	PSV U/S HOV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
699	24-09-2025	Jetty CTMS MS - R	PSV U/S HOV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
700	24-09-2025	Jetty CTMS MS - R	PSV U/S HOV - 3 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
701	24-09-2025	Jetty CTMS MS - R	PSV U/S HOV - 3 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
702	24-09-2025	Jetty CTMS MS - R	PSV U/S HOV - 4 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
703	24-09-2025	Jetty CTMS MS - R	PSV U/S HOV - 4 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
704	24-09-2025	Jetty CTMS MS - R	PSV D/S HOV - 1 Up Stream	Flange	0.3	0.8	100	0.000002	8760	0.0138583

705	24-09-2025	Jetty CTMS MS - R	PSV D/S HOV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
706	24-09-2025	Jetty CTMS MS - R	PSV D/S HOV - 2 Up Stream	Flange	0.1	0.8	100	0.000001	8760	0.0064017
707	24-09-2025	Jetty CTMS MS - R	PSV D/S HOV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
708	24-09-2025	Jetty CTMS MS - R	PSV D/S HOV - 3 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
709	24-09-2025	Jetty CTMS MS - R	PSV D/S HOV - 3 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
710	24-09-2025	Jetty CTMS MS - R	PSV D/S HOV - 4 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
711	24-09-2025	Jetty CTMS MS - R	PSV D/S HOV - 4 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
712	24-09-2025	Jetty CTMS MS - R	Stream 1 Flowmeter - 1	Flange	0.0	0.8	100	0.000000	8760	0
713	24-09-2025	Jetty CTMS MS - R	Stream 1 Flowmeter - 2	Flange	0.0	0.8	100	0.000000	8760	0
714	24-09-2025	Jetty CTMS MS - R	Stream 1 Flowmeter - 3	Flange	0.0	0.8	100	0.000000	8760	0
715	24-09-2025	Jetty CTMS MS - R	Stream 1 Flowmeter - 4	Flange	0.0	0.8	100	0.000000	8760	0
716	24-09-2025	Jetty CTMS MS - R	Stream 1 Flowmeter - 5	Flange	0.0	0.8	100	0.000000	8760	0
717	24-09-2025	Jetty CTMS MS - R	Stream 1 Flowmeter - 6	Flange	0.0	0.8	100	0.000000	8760	0
718	24-09-2025	Jetty CTMS MS - R	Stream 1 Flowmeter - 7	Flange	0.0	0.8	100	0.000000	8760	0
719	24-09-2025	Jetty CTMS MS - R	Stream 1 Flowmeter - 8	Flange	0.0	0.8	100	0.000000	8760	0
720	24-09-2025	Jetty CTMS MS - R	Stream 1 Flowmeter - 9	Flange	0.0	0.8	100	0.000000	8760	0
721	24-09-2025	Jetty CTMS MS - R	Stream 1 Flowmeter - 10	Flange	0.0	0.8	100	0.000000	8760	0
722	24-09-2025	Jetty CTMS MS - R	Stream 2 Flowmeter - 1	Flange	0.0	0.8	100	0.000000	8760	0
723	24-09-2025	Jetty CTMS MS - R	Stream 2 Flowmeter - 2	Flange	0.0	0.8	100	0.000000	8760	0
724	24-09-2025	Jetty CTMS MS - R	Stream 2 Flowmeter - 3	Flange	0.0	0.8	100	0.000000	8760	0
725	24-09-2025	Jetty CTMS MS - R	Stream 2 Flowmeter - 4	Flange	0.0	0.8	100	0.000000	8760	0
726	24-09-2025	Jetty CTMS MS - R	Stream 2 Flowmeter - 5	Flange	0.1	0.8	100	0.000001	8760	0.0064017
727	24-09-2025	Jetty CTMS MS - R	Stream 2 Flowmeter - 6	Flange	0.0	0.8	100	0.000000	8760	0
728	24-09-2025	Jetty CTMS MS - R	Stream 2 Flowmeter - 7	Flange	0.2	0.8	100	0.000001	8760	0.0104212
729	24-09-2025	Jetty CTMS MS - R	Stream 2 Flowmeter - 8	Flange	0.0	0.8	100	0.000000	8760	0
730	24-09-2025	Jetty CTMS MS - R	Stream 2 Flowmeter - 9	Flange	0.0	0.8	100	0.000000	8760	0
731	24-09-2025	Jetty CTMS MS - R	Stream 2 Flowmeter - 10	Flange	0.0	0.8	100	0.000000	8760	0
732	24-09-2025	Jetty CTMS MS - R	Stream 3 Flowmeter - 1	Flange	0.0	0.8	100	0.000000	8760	0
733	24-09-2025	Jetty CTMS MS - R	Stream 3 Flowmeter - 2	Flange	0.0	0.8	100	0.000000	8760	0
734	24-09-2025	Jetty CTMS MS - R	Stream 3 Flowmeter - 3	Flange	0.2	0.8	100	0.000001	8760	0.0104212
735	24-09-2025	Jetty CTMS MS - R	Stream 3 Flowmeter - 4	Flange	0.0	0.8	100	0.000000	8760	0
736	24-09-2025	Jetty CTMS MS - R	Stream 3 Flowmeter - 5	Flange	0.0	0.8	100	0.000000	8760	0
737	24-09-2025	Jetty CTMS MS - R	Stream 3 Flowmeter - 6	Flange	0.0	0.8	100	0.000000	8760	0
738	24-09-2025	Jetty CTMS MS - R	Stream 3 Flowmeter - 7	Flange	0.0	0.8	100	0.000000	8760	0
739	24-09-2025	Jetty CTMS MS - R	Stream 3 Flowmeter - 8	Flange	0.0	0.8	100	0.000000	8760	0
740	24-09-2025	Jetty CTMS MS - R	Stream 3 Flowmeter - 9	Flange	0.0	0.8	100	0.000000	8760	0
741	24-09-2025	Jetty CTMS MS - R	Stream 3 Flowmeter - 10	Flange	0.0	0.8	100	0.000000	8760	0
742	24-09-2025	Jetty CTMS MS - R	Stream 4 Flowmeter - 1	Flange	0.1	0.8	100	0.000001	8760	0.0064017
743	24-09-2025	Jetty CTMS MS - R	Stream 4 Flowmeter - 2	Flange	0.0	0.8	100	0.000000	8760	0
744	24-09-2025	Jetty CTMS MS - R	Stream 4 Flowmeter - 3	Flange	0.0	0.8	100	0.000000	8760	0
745	24-09-2025	Jetty CTMS MS - R	Stream 4 Flowmeter - 4	Flange	0.0	0.8	100	0.000000	8760	0
746	24-09-2025	Jetty CTMS MS - R	Stream 4 Flowmeter - 5	Flange	0.0	0.8	100	0.000000	8760	0
747	24-09-2025	Jetty CTMS MS - R	Stream 4 Flowmeter - 6	Flange	0.0	0.8	100	0.000000	8760	0
748	24-09-2025	Jetty CTMS MS - R	Stream 4 Flowmeter - 7	Flange	0.0	0.8	100	0.000000	8760	0
749	24-09-2025	Jetty CTMS MS - R	Stream 4 Flowmeter - 8	Flange	0.2	0.8	100	0.000001	8760	0.0104212
750	24-09-2025	Jetty CTMS MS - R	Stream 4 Flowmeter - 9	Flange	0.1	0.8	100	0.000001	8760	0.0064017
751	24-09-2025	Jetty CTMS MS - R	Stream 4 Flowmeter - 10	Flange	0.0	0.8	100	0.000000	8760	0
752	24-09-2025	Jetty CTMS MS - R	CTMS U/S Ringspacer	Flange	0.0	0.8	100	0.000000	8760	0
753	24-09-2025	Jetty CTMS MS - R	PCV U/S HOV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
754	24-09-2025	Jetty CTMS MS - R	PCV U/S HOV Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
755	24-09-2025	Jetty CTMS MS - R	PCV D/S HOV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
756	24-09-2025	Jetty CTMS MS - R	PCV D/S HOV Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
757	24-09-2025	Jetty CTMS MS - R	PCV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
758	24-09-2025	Jetty CTMS MS - R	PCV Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
759	24-09-2025	Jetty CTMS MS - R	PCV U/S LPD	Flange	0.8	0.8	100	0.000003	8760	0.0276164
760	24-09-2025	Jetty CTMS MS - R	PCV D/S LPD	Flange	0.0	0.8	100	0.000000	8760	0
761	24-09-2025	Jetty CTMS MS - R	PCV U/S PT	Flange	0.3	0.8	100	0.000002	8760	0.0138583
762	24-09-2025	Jetty CTMS MS - R	PCV D/S PT	Flange	0.0	0.8	100	0.000000	8760	0
763	24-09-2025	Jetty CTMS MS - R	PCV D/S PSV	Flange	0.0	0.8	100	0.000000	8760	0
764	24-09-2025	Jetty CTMS MS - R	PSV U/S & D/S HOV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
765	24-09-2025	Jetty CTMS MS - R	PSV U/S & D/S HOV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
766	24-09-2025	Jetty CTMS MS - R	PSV U/S & D/S HOV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
767	24-09-2025	Jetty CTMS MS - R	PSV U/S & D/S HOV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
768	24-09-2025	Jetty CTMS MS - R	PSV U/S & D/S LPD Up Stream	Flange	0.7	0.8	100	0.000003	8760	0.0251419
769	24-09-2025	Jetty CTMS MS - R	PSV U/S & D/S LPD Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
770	24-09-2025	Jetty CTMS MS - R	CTMS D/S HPV	Flange	0.2	0.8	100	0.000001	8760	0.0104212
771	24-09-2025	Jetty CTMS MS - R	Prover U/S & D/S Spool Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
772	24-09-2025	Jetty CTMS MS - R	Prover U/S & D/S Spool Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
773	24-09-2025	Jetty CTMS MS - R	Prover Inlet & Outlet Hov -1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
774	24-09-2025	Jetty CTMS MS - R	Prover Inlet & Outlet Hov -1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
775	24-09-2025	Jetty CTMS MS - R	Prover Inlet & Outlet Hov -2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0

776	24-09-2025	Jetty CTMS MS - R	Prover Inlet & Outlet Hov -2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
777	24-09-2025	Jetty CTMS MS - R	Prover Spool Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
778	24-09-2025	Jetty CTMS MS - R	Prover Spool Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
779	24-09-2025	Jetty CTMS MS - R	Prover PT HOV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
780	24-09-2025	Jetty CTMS MS - R	Prover PT HOV Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
781	24-09-2025	Jetty CTMS MS - R	Prover Spare Connection Up Stream	Flange	0.4	0.8	100	0.000002	8760	0.0169646
782	24-09-2025	Jetty CTMS MS - R	Prover Spare Connection Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
783	24-09-2025	Jetty CTMS MS - R	Prover PSV	Flange	0.1	0.8	100	0.000001	8760	0.0064017
784	24-09-2025	Jetty CTMS MS - R	Prover Vent Hov - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
785	24-09-2025	Jetty CTMS MS - R	Prover Vent Hov - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
786	24-09-2025	Jetty CTMS MS - R	Prover Vent Hov - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
787	24-09-2025	Jetty CTMS MS - R	Prover Vent Hov - 2 Down Stream	Flange	0.5	0.8	100	0.000002	8760	0.0198459
788	24-09-2025	Jetty CTMS MS - R	Prover LPD	Flange	0.0	0.8	100	0.000000	8760	0
789	24-09-2025	Jetty CTMS MS - R	Prover LPD UP Stream	Flange	0.0	0.8	100	0.000000	8760	0
790	24-09-2025	Jetty CTMS MS - R	Prover LPD Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
791	24-09-2025	Jetty CTMS MS - R	Drain Hov -1 UP Stream	Flange	0.0	0.8	100	0.000000	8760	0
792	24-09-2025	Jetty CTMS MS - R	Drain Hov -1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
793	24-09-2025	Jetty CTMS MS - R	Drain Hov -2 UP Stream	Flange	0.0	0.8	100	0.000000	8760	0
794	24-09-2025	Jetty CTMS MS - R	Drain Hov -2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
795	24-09-2025	Jetty CTMS MS - R	Drain Hov -3 UP Stream	Flange	0.0	0.8	100	0.000000	8760	0
796	24-09-2025	Jetty CTMS MS - R	Drain Hov -3 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
797	24-09-2025	Jetty CTMS MS - R	Drain Hov -4 UP Stream	Flange	0.0	0.8	100	0.000000	8760	0
798	24-09-2025	Jetty CTMS MS - R	Drain Hov -4 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
799	24-09-2025	Jetty CTMS MS - R	Drain Hov -5 UP Stream	Flange	0.0	0.8	100	0.000000	8760	0
800	24-09-2025	Jetty CTMS MS - R	Drain Hov -5 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
801	24-09-2025	Jetty CTMS MS - R	Drain Hov -6 UP Stream	Flange	0.0	0.8	100	0.000000	8760	0
802	24-09-2025	Jetty CTMS MS - R	Drain Hov -6 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
803	24-09-2025	Jetty CTMS MS - R	CBD Line HOV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
804	24-09-2025	Jetty CTMS MS - R	CBD Line HOV Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
805	24-09-2025	Jetty CTMS MS - R	CBD Line End Flange	Flange	0.0	0.8	100	0.000000	8760	0
806	24-09-2025	Jetty CTMS MS - R	CBD Line NRV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
807	24-09-2025	Jetty CTMS MS - R	CBD Line NRV Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
808	24-09-2025	Jetty CTMS MS - P	Vapour Elminator HPV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
809	24-09-2025	Jetty CTMS MS - P	Vapour Elminator HPV Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
810	24-09-2025	Jetty CTMS MS - P	Main Line PSV	Flange	0.0	0.8	100	0.000000	8760	0
811	24-09-2025	Jetty CTMS MS - P	Main Line PSV U/S Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
812	24-09-2025	Jetty CTMS MS - P	Main Line PSV U/S Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
813	24-09-2025	Jetty CTMS MS - P	Main Line PSV D/S Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
814	24-09-2025	Jetty CTMS MS - P	Main Line PSV D/S Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
815	24-09-2025	Jetty CTMS MS - P	Main Line PSV U/S Drain Point	Flange	0.0	0.8	100	0.000000	8760	0
816	24-09-2025	Jetty CTMS MS - P	Main Line PSV D/S Drain Point	Flange	0.0	0.8	100	0.000000	8760	0
817	24-09-2025	Jetty CTMS MS - P	Vapour Elminator Inlet	Flange	0.0	0.8	100	0.000000	8760	0
818	24-09-2025	Jetty CTMS MS - P	Vapour Elminator Outlet	Flange	0.0	0.8	100	0.000000	8760	0
819	24-09-2025	Jetty CTMS MS - P	Vapour Elminator Manhole	Flange	0.0	0.8	100	0.000000	8760	0
820	24-09-2025	Jetty CTMS MS - P	Vapour Elminator Drain Point HOV	Flange	0.0	0.8	100	0.000000	8760	0
821	24-09-2025	Jetty CTMS MS - P	Vapour Elminator PSV	Flange	0.0	0.8	100	0.000000	8760	0
822	24-09-2025	Jetty CTMS MS - P	Vapour Eliminator PSV U/S HOV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
823	24-09-2025	Jetty CTMS MS - P	Vapour Eliminator PSV U/S HOVDown Stream	Flange	0.0	0.8	100	0.000000	8760	0
824	24-09-2025	Jetty CTMS MS - P	Vapour Eliminator PSV D/S HOV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
825	24-09-2025	Jetty CTMS MS - P	Vapour Eliminator PSV D/S HOVDown Stream	Flange	0.0	0.8	100	0.000000	8760	0
826	24-09-2025	Jetty CTMS MS - P	Vapour Elminator PSV U/S Drain Point	Flange	0.0	0.8	100	0.000000	8760	0
827	24-09-2025	Jetty CTMS MS - P	Vapour Elminator PSV D/S Drain Point	Flange	0.0	0.8	100	0.000000	8760	0
828	24-09-2025	Jetty CTMS MS - P	Vapour Elminator Vent Point	Flange	0.0	0.8	100	0.000000	8760	0
829	24-09-2025	Jetty CTMS MS - P	Vapour Elminator HOV -1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
830	24-09-2025	Jetty CTMS MS - P	Vapour Elminator HOV -1 down Stream	Flange	0.0	0.8	100	0.000000	8760	0
831	24-09-2025	Jetty CTMS MS - P	Vapour Elminator HOV -2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
832	24-09-2025	Jetty CTMS MS - P	Vapour Elminator HOV -2 down Stream	Flange	0.0	0.8	100	0.000000	8760	0
833	24-09-2025	Jetty CTMS MS - P	CTMS U/S Ringspacer	Flange	0.0	0.8	100	0.000000	8760	0
834	24-09-2025	Jetty CTMS MS - P	Firest Loop Pump U/S HOV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
835	24-09-2025	Jetty CTMS MS - P	Firest Loop Pump U/S HOV Down Stream	Flange	0.0	0.8	100	0.000000	8760	0

836	24-09-2025	Jetty CTMS MS - P	Firest Loop Pump U/S Drain Point HOV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
837	24-09-2025	Jetty CTMS MS - P	Firest Loop Pump U/S Drain Point HOV Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
838	24-09-2025	Jetty CTMS MS - P	Firest Loop Pump Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
839	24-09-2025	Jetty CTMS MS - P	Firest Loop Pump Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
840	24-09-2025	Jetty CTMS MS - P	Flowmeter Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
841	24-09-2025	Jetty CTMS MS - P	Flowmeter Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
842	24-09-2025	Jetty CTMS MS - P	Firest Loop Pump Discharge PT HOV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
843	24-09-2025	Jetty CTMS MS - P	Firest Loop Pump Discharge PT HOV Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
844	24-09-2025	Jetty CTMS MS - P	Firest Loop Pump Discharge TT HOV	Flange	0.0	0.8	100	0.000000	8760	0
845	24-09-2025	Jetty CTMS MS - P	Firest Loop Pump D/S Drain Point HOV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
846	24-09-2025	Jetty CTMS MS - P	Firest Loop Pump D/S Drain Point HOV Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
847	24-09-2025	Jetty CTMS MS - P	Densitometer - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
848	24-09-2025	Jetty CTMS MS - P	Densitometer - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
849	24-09-2025	Jetty CTMS MS - P	Densitometer - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
850	24-09-2025	Jetty CTMS MS - P	Densitometer - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
851	24-09-2025	Jetty CTMS MS - P	Densitometer U/S HOV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
852	24-09-2025	Jetty CTMS MS - P	Densitometer U/S HOV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
853	24-09-2025	Jetty CTMS MS - P	Densitometer U/S HOV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
854	24-09-2025	Jetty CTMS MS - P	Densitometer U/S HOV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
855	24-09-2025	Jetty CTMS MS - P	Densitometer D/S HOV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
856	24-09-2025	Jetty CTMS MS - P	Densitometer D/S HOV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
857	24-09-2025	Jetty CTMS MS - P	Densitometer D/S HOV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
858	24-09-2025	Jetty CTMS MS - P	Densitometer D/S HOV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
859	24-09-2025	Jetty CTMS MS - P	Densitometer D/S HPV	Flange	0.0	0.8	100	0.000000	8760	0
860	24-09-2025	Jetty CTMS MS - P	Sampler HOV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
861	24-09-2025	Jetty CTMS MS - P	Sampler HOV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
862	24-09-2025	Jetty CTMS MS - P	Sampler HOV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
863	24-09-2025	Jetty CTMS MS - P	Sampler HOV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
864	24-09-2025	Jetty CTMS MS - P	Globe Valve Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
865	24-09-2025	Jetty CTMS MS - P	Globe Valve Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
866	24-09-2025	Jetty CTMS MS - P	Firest Loop Pump D/S HOV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
867	24-09-2025	Jetty CTMS MS - P	Firest Loop Pump D/S HOV Down Stream	Flange	0.2	0.8	100	0.000001	8760	0.0104212
868	24-09-2025	Jetty CTMS MS - P	Header Drain HOV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
869	24-09-2025	Jetty CTMS MS - P	Header Drain HOV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
870	24-09-2025	Jetty CTMS MS - P	Header Drain HOV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
871	24-09-2025	Jetty CTMS MS - P	Header Drain HOV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
872	24-09-2025	Jetty CTMS MS - P	Stream 1 HOV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
873	24-09-2025	Jetty CTMS MS - P	Stream 1 HOV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
874	24-09-2025	Jetty CTMS MS - P	Stream 1 HOV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
875	24-09-2025	Jetty CTMS MS - P	Stream 1 HOV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
876	24-09-2025	Jetty CTMS MS - P	Stream 1 HOV - 3 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
877	24-09-2025	Jetty CTMS MS - P	Stream 1 HOV - 3 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
878	24-09-2025	Jetty CTMS MS - P	Stream 2 HOV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
879	24-09-2025	Jetty CTMS MS - P	Stream 2 HOV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
880	24-09-2025	Jetty CTMS MS - P	Stream 2 HOV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
881	24-09-2025	Jetty CTMS MS - P	Stream 2 HOV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
882	24-09-2025	Jetty CTMS MS - P	Stream 2 HOV - 3 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
883	24-09-2025	Jetty CTMS MS - P	Stream 2 HOV - 3 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
884	24-09-2025	Jetty CTMS MS - P	Stream 3 HOV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
885	24-09-2025	Jetty CTMS MS - P	Stream 3 HOV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
886	24-09-2025	Jetty CTMS MS - P	Stream 3 HOV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
887	24-09-2025	Jetty CTMS MS - P	Stream 3 HOV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
888	24-09-2025	Jetty CTMS MS - P	Stream 3 HOV - 3 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
889	24-09-2025	Jetty CTMS MS - P	Stream 3 HOV - 3 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
890	24-09-2025	Jetty CTMS MS - P	Stream 4 HOV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
891	24-09-2025	Jetty CTMS MS - P	Stream 4 HOV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
892	24-09-2025	Jetty CTMS MS - P	Stream 4 HOV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
893	24-09-2025	Jetty CTMS MS - P	Stream 4 HOV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
894	24-09-2025	Jetty CTMS MS - P	Stream 4 HOV - 3 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
895	24-09-2025	Jetty CTMS MS - P	Stream 4 HOV - 3 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0

896	24-09-2025	Jetty CTMS MS - P	Back Filter- 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
897	24-09-2025	Jetty CTMS MS - P	Back Filter - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
898	24-09-2025	Jetty CTMS MS - P	Back Filter - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
899	24-09-2025	Jetty CTMS MS - P	Back Filter - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
900	24-09-2025	Jetty CTMS MS - P	Back Filter - 3 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
901	24-09-2025	Jetty CTMS MS - P	Back Filter - 3 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
902	24-09-2025	Jetty CTMS MS - P	Back Filter - 4 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
903	24-09-2025	Jetty CTMS MS - P	Back Filter - 4 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
904	24-09-2025	Jetty CTMS MS - P	Back Filter Drain HOV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
905	24-09-2025	Jetty CTMS MS - P	Back Filter Drain HOV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
906	24-09-2025	Jetty CTMS MS - P	Back Filter Drain HOV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
907	24-09-2025	Jetty CTMS MS - P	Back Filter Drain HOV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
908	24-09-2025	Jetty CTMS MS - P	Back Filter Drain HOV - 3 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
909	24-09-2025	Jetty CTMS MS - P	Back Filter Drain HOV - 3 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
910	24-09-2025	Jetty CTMS MS - P	Back Filter Drain HOV - 4 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
911	24-09-2025	Jetty CTMS MS - P	Back Filter Drain HOV - 4 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
912	24-09-2025	Jetty CTMS MS - P	Back Filter Drain HOV - 5 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
913	24-09-2025	Jetty CTMS MS - P	Back Filter Drain HOV - 5 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
914	24-09-2025	Jetty CTMS MS - P	Back Filter Drain HOV - 6 Up Stream	Flange	0.2	0.8	100	0.000001	8760	0.0104212
915	24-09-2025	Jetty CTMS MS - P	Back Filter Drain HOV - 6 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
916	24-09-2025	Jetty CTMS MS - P	Back Filter Drain HOV - 7 Up Stream	Flange	0.1	0.8	100	0.000001	8760	0.0064017
917	24-09-2025	Jetty CTMS MS - P	Back Filter Drain HOV - 7 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
918	24-09-2025	Jetty CTMS MS - P	Back Filter Drain HOV - 8 Up Stream	Flange	0.1	0.8	100	0.000001	8760	0.0064017
919	24-09-2025	Jetty CTMS MS - P	Back Filter Drain HOV - 8 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
920	24-09-2025	Jetty CTMS MS - P	Stream 1 MOV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
921	24-09-2025	Jetty CTMS MS - P	Stream 1 MOV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
922	24-09-2025	Jetty CTMS MS - P	Stream 2 MOV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
923	24-09-2025	Jetty CTMS MS - P	Stream 2 MOV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
924	24-09-2025	Jetty CTMS MS - P	Stream 2 MOV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
925	24-09-2025	Jetty CTMS MS - P	Stream 2 MOV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
926	24-09-2025	Jetty CTMS MS - P	Stream 3 MOV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
927	24-09-2025	Jetty CTMS MS - P	Stream 3 MOV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
928	24-09-2025	Jetty CTMS MS - P	Stream 3 MOV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
929	24-09-2025	Jetty CTMS MS - P	Stream 3 MOV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
930	24-09-2025	Jetty CTMS MS - P	Stream 4 MOV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
931	24-09-2025	Jetty CTMS MS - P	Stream 4 MOV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
932	24-09-2025	Jetty CTMS MS - P	Stream 4 MOV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
933	24-09-2025	Jetty CTMS MS - P	Stream 4 MOV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
934	24-09-2025	Jetty CTMS MS - P	Stream 1 FCV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
935	24-09-2025	Jetty CTMS MS - P	Stream 1 FCV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
936	24-09-2025	Jetty CTMS MS - P	Stream 2 FCV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
937	24-09-2025	Jetty CTMS MS - P	Stream 2 FCV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
938	24-09-2025	Jetty CTMS MS - P	Stream 2 FCV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
939	24-09-2025	Jetty CTMS MS - P	Stream 2 FCV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
940	24-09-2025	Jetty CTMS MS - P	Stream 3 FCV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
941	24-09-2025	Jetty CTMS MS - P	Stream 3 FCV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
942	24-09-2025	Jetty CTMS MS - P	Stream 3 FCV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
943	24-09-2025	Jetty CTMS MS - P	Stream 3 FCV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
944	24-09-2025	Jetty CTMS MS - P	Stream 4 FCV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
945	24-09-2025	Jetty CTMS MS - P	Stream 4 FCV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
946	24-09-2025	Jetty CTMS MS - P	Stream 4 FCV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
947	24-09-2025	Jetty CTMS MS - P	Stream 4 FCV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
948	24-09-2025	Jetty CTMS MS - P	DGP HOV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
949	24-09-2025	Jetty CTMS MS - P	DGP HOV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
950	24-09-2025	Jetty CTMS MS - P	DGP HOV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
951	24-09-2025	Jetty CTMS MS - P	DGP HOV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
952	24-09-2025	Jetty CTMS MS - P	DGP HOV - 3 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
953	24-09-2025	Jetty CTMS MS - P	DGP HOV - 3 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
954	24-09-2025	Jetty CTMS MS - P	DGP HOV - 4 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0

955	24-09-2025	Jetty CTMS MS - P	DGP HOV - 4 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
956	24-09-2025	Jetty CTMS MS - P	DGP HOV - 5 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
957	24-09-2025	Jetty CTMS MS - P	DGP HOV - 5 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
958	24-09-2025	Jetty CTMS MS - P	DGP HOV - 6 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
959	24-09-2025	Jetty CTMS MS - P	DGP HOV - 6 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
960	24-09-2025	Jetty CTMS MS - P	DGP HOV - 7 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
961	24-09-2025	Jetty CTMS MS - P	DGP HOV - 7 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
962	24-09-2025	Jetty CTMS MS - P	DGP HOV - 8 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
963	24-09-2025	Jetty CTMS MS - P	DGP HOV - 8 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
964	24-09-2025	Jetty CTMS MS - P	PSV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
965	24-09-2025	Jetty CTMS MS - P	PSV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
966	24-09-2025	Jetty CTMS MS - P	PSV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
967	24-09-2025	Jetty CTMS MS - P	PSV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
968	24-09-2025	Jetty CTMS MS - P	PSV - 3 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
969	24-09-2025	Jetty CTMS MS - P	PSV - 3 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
970	24-09-2025	Jetty CTMS MS - P	PSV - 4 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
971	24-09-2025	Jetty CTMS MS - P	PSV - 4 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
972	24-09-2025	Jetty CTMS MS - P	PSV U/S HOV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
973	24-09-2025	Jetty CTMS MS - P	PSV U/S HOV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
974	24-09-2025	Jetty CTMS MS - P	PSV U/S HOV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
975	24-09-2025	Jetty CTMS MS - P	PSV U/S HOV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
976	24-09-2025	Jetty CTMS MS - P	PSV U/S HOV - 3 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
977	24-09-2025	Jetty CTMS MS - P	PSV U/S HOV - 3 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
978	24-09-2025	Jetty CTMS MS - P	PSV U/S HOV - 4 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
979	24-09-2025	Jetty CTMS MS - P	PSV U/S HOV - 4 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
980	24-09-2025	Jetty CTMS MS - P	PSV D/S HOV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
981	24-09-2025	Jetty CTMS MS - P	PSV D/S HOV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
982	24-09-2025	Jetty CTMS MS - P	PSV D/S HOV - 2 Up Stream	Flange	0.2	0.8	100	0.000001	8760	0.0104212
983	24-09-2025	Jetty CTMS MS - P	PSV D/S HOV - 2 Down Stream	Flange	0.2	0.8	100	0.000001	8760	0.0104212
984	24-09-2025	Jetty CTMS MS - P	PSV D/S HOV - 3 Up Stream	Flange	0.1	0.8	100	0.000001	8760	0.0064017
985	24-09-2025	Jetty CTMS MS - P	PSV D/S HOV - 3 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
986	24-09-2025	Jetty CTMS MS - P	PSV D/S HOV - 4 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
987	24-09-2025	Jetty CTMS MS - P	PSV D/S HOV - 4 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
988	24-09-2025	Jetty CTMS MS - P	Stream 1 Flowmeter - 1	Flange	0.0	0.8	100	0.000000	8760	0
989	24-09-2025	Jetty CTMS MS - P	Stream 1 Flowmeter - 2	Flange	0.1	0.8	100	0.000001	8760	0.0064017
990	24-09-2025	Jetty CTMS MS - P	Stream 1 Flowmeter - 3	Flange	0.0	0.8	100	0.000000	8760	0
991	24-09-2025	Jetty CTMS MS - P	Stream 1 Flowmeter - 4	Flange	0.0	0.8	100	0.000000	8760	0
992	24-09-2025	Jetty CTMS MS - P	Stream 1 Flowmeter - 5	Flange	0.0	0.8	100	0.000000	8760	0
993	24-09-2025	Jetty CTMS MS - P	Stream 1 Flowmeter - 6	Flange	0.0	0.8	100	0.000000	8760	0
994	24-09-2025	Jetty CTMS MS - P	Stream 1 Flowmeter - 7	Flange	0.0	0.8	100	0.000000	8760	0
995	24-09-2025	Jetty CTMS MS - P	Stream 1 Flowmeter - 8	Flange	0.0	0.8	100	0.000000	8760	0
996	24-09-2025	Jetty CTMS MS - P	Stream 1 Flowmeter - 9	Flange	0.0	0.8	100	0.000000	8760	0
997	24-09-2025	Jetty CTMS MS - P	Stream 1 Flowmeter - 10	Flange	0.0	0.8	100	0.000000	8760	0
998	24-09-2025	Jetty CTMS MS - P	Stream 2 Flowmeter - 1	Flange	0.1	0.8	100	0.000001	8760	0.0064017
999	24-09-2025	Jetty CTMS MS - P	Stream 2 Flowmeter - 2	Flange	0.1	0.8	100	0.000001	8760	0.0064017
1000	24-09-2025	Jetty CTMS MS - P	Stream 2 Flowmeter - 3	Flange	0.1	0.8	100	0.000001	8760	0.0064017
1001	24-09-2025	Jetty CTMS MS - P	Stream 2 Flowmeter - 4	Flange	0.0	0.8	100	0.000000	8760	0
1002	24-09-2025	Jetty CTMS MS - P	Stream 2 Flowmeter - 5	Flange	0.0	0.8	100	0.000000	8760	0
1003	24-09-2025	Jetty CTMS MS - P	Stream 2 Flowmeter - 6	Flange	0.1	0.8	100	0.000001	8760	0.0064017
1004	24-09-2025	Jetty CTMS MS - P	Stream 2 Flowmeter - 7	Flange	0.0	0.8	100	0.000000	8760	0
1005	24-09-2025	Jetty CTMS MS - P	Stream 2 Flowmeter - 8	Flange	0.0	0.8	100	0.000000	8760	0
1006	24-09-2025	Jetty CTMS MS - P	Stream 2 Flowmeter - 9	Flange	0.1	0.8	100	0.000001	8760	0.0064017
1007	24-09-2025	Jetty CTMS MS - P	Stream 2 Flowmeter - 10	Flange	0.2	0.8	100	0.000001	8760	0.0104212
1008	24-09-2025	Jetty CTMS MS - P	Stream 3 Flowmeter - 1	Flange	0.0	0.8	100	0.000000	8760	0
1009	24-09-2025	Jetty CTMS MS - P	Stream 3 Flowmeter - 2	Flange	0.0	0.8	100	0.000000	8760	0
1010	24-09-2025	Jetty CTMS MS - P	Stream 3 Flowmeter - 3	Flange	0.0	0.8	100	0.000000	8760	0
1011	24-09-2025	Jetty CTMS MS - P	Stream 3 Flowmeter - 4	Flange	0.0	0.8	100	0.000000	8760	0
1012	24-09-2025	Jetty CTMS MS - P	Stream 3 Flowmeter - 5	Flange	0.0	0.8	100	0.000000	8760	0
1013	24-09-2025	Jetty CTMS MS - P	Stream 3 Flowmeter - 6	Flange	0.0	0.8	100	0.000000	8760	0
1014	24-09-2025	Jetty CTMS MS - P	Stream 3 Flowmeter - 7	Flange	0.2	0.8	100	0.000001	8760	0.0104212
1015	24-09-2025	Jetty CTMS MS - P	Stream 3 Flowmeter - 8	Flange	0.2	0.8	100	0.000001	8760	0.0104212
1016	24-09-2025	Jetty CTMS MS - P	Stream 3 Flowmeter - 9	Flange	0.2	0.8	100	0.000001	8760	0.0104212
1017	24-09-2025	Jetty CTMS MS - P	Stream 3 Flowmeter - 10	Flange	0.1	0.8	100	0.000001	8760	0.0064017
1018	24-09-2025	Jetty CTMS MS - P	Stream 4 Flowmeter - 1	Flange	0.0	0.8	100	0.000000	8760	0
1019	24-09-2025	Jetty CTMS MS - P	Stream 4 Flowmeter - 2	Flange	0.0	0.8	100	0.000000	8760	0
1020	24-09-2025	Jetty CTMS MS - P	Stream 4 Flowmeter - 3	Flange	0.0	0.8	100	0.000000	8760	0
1021	24-09-2025	Jetty CTMS MS - P	Stream 4 Flowmeter - 4	Flange	0.0	0.8	100	0.000000	8760	0
1022	24-09-2025	Jetty CTMS MS - P	Stream 4 Flowmeter - 5	Flange	0.0	0.8	100	0.000000	8760	0
1023	24-09-2025	Jetty CTMS MS - P	Stream 4 Flowmeter - 6	Flange	0.0	0.8	100	0.000000	8760	0
1024	24-09-2025	Jetty CTMS MS - P	Stream 4 Flowmeter - 7	Flange	0.0	0.8	100	0.000000	8760	0
1025	24-09-2025	Jetty CTMS MS - P	Stream 4 Flowmeter - 8	Flange	0.0	0.8	100	0.000000	8760	0
1026	24-09-2025	Jetty CTMS MS - P	Stream 4 Flowmeter - 9	Flange	0.0	0.8	100	0.000000	8760	0
1027	24-09-2025	Jetty CTMS MS - P	Stream 4 Flowmeter - 10	Flange	0.0	0.8	100	0.000000	8760	0
1028	24-09-2025	Jetty CTMS MS - P	CTMS U/S Ringspacer	Flange	0.0	0.8	100	0.000000	8760	0
1029	24-09-2025	Jetty CTMS MS - P	PCV U/S HOV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
1030	24-09-2025	Jetty CTMS MS - P	PCV U/S HOV Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
1031	24-09-2025	Jetty CTMS MS - P	PCV D/S HOV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
1032	24-09-2025	Jetty CTMS MS - P	PCV D/S HOV Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
1033	24-09-2025	Jetty CTMS MS - P	PCV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
1034	24-09-2025	Jetty CTMS MS - P	PCV Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
1035	24-09-2025	Jetty CTMS MS - P	PCV U/S LPD	Flange	0.0	0.8	100	0.000000	8760	0
1036	24-09-2025	Jetty CTMS MS - P	PCV D/S LPD	Flange	0.0	0.8	100	0.000000	8760	0

1037	24-09-2025	Jetty CTMS MS - P	PCV U/S PT	Flange	0.0	0.8	100	0.000000	8760	0
1038	24-09-2025	Jetty CTMS MS - P	PCV D/S PT	Flange	0.0	0.8	100	0.000000	8760	0
1039	24-09-2025	Jetty CTMS MS - P	PCV D/S PSV	Flange	0.0	0.8	100	0.000000	8760	0
1040	24-09-2025	Jetty CTMS MS - P	PSV U/S & D/S HOV - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
1041	24-09-2025	Jetty CTMS MS - P	PSV U/S & D/S HOV - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
1042	24-09-2025	Jetty CTMS MS - P	PSV U/S & D/S HOV - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
1043	24-09-2025	Jetty CTMS MS - P	PSV U/S & D/S HOV - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
1044	24-09-2025	Jetty CTMS MS - P	PSV U/S & D/S LPD Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
1045	24-09-2025	Jetty CTMS MS - P	PSV U/S & D/S LPD Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
1046	24-09-2025	Jetty CTMS MS - P	CTMS D/S HPV	Flange	0.0	0.8	100	0.000000	8760	0
1047	24-09-2025	Jetty CTMS MS - P	Prover U/S & D/S Spool Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
1048	24-09-2025	Jetty CTMS MS - P	Prover U/S & D/S Spool Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
1049	24-09-2025	Jetty CTMS MS - P	Prover Inlet & Outlet Hov -1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
1050	24-09-2025	Jetty CTMS MS - P	Prover Inlet & Outlet Hov -1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
1051	24-09-2025	Jetty CTMS MS - P	Prover Inlet & Outlet Hov -2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
1052	24-09-2025	Jetty CTMS MS - P	Prover Inlet & Outlet Hov -2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
1053	24-09-2025	Jetty CTMS MS - P	Prover Spool Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
1054	24-09-2025	Jetty CTMS MS - P	Prover Spool Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
1055	24-09-2025	Jetty CTMS MS - P	Prover PT HOV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
1056	24-09-2025	Jetty CTMS MS - P	Prover PT HOV Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
1057	24-09-2025	Jetty CTMS MS - P	Prover Spare Connection Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
1058	24-09-2025	Jetty CTMS MS - P	Prover Spare Connection Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
1059	24-09-2025	Jetty CTMS MS - P	Prover PSV	Flange	0.0	0.8	100	0.000000	8760	0
1060	24-09-2025	Jetty CTMS MS - P	Prover Vent Hov - 1 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
1061	24-09-2025	Jetty CTMS MS - P	Prover Vent Hov - 1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
1062	24-09-2025	Jetty CTMS MS - P	Prover Vent Hov - 2 Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
1063	24-09-2025	Jetty CTMS MS - P	Prover Vent Hov - 2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
1064	24-09-2025	Jetty CTMS MS - P	Prover LPD	Flange	0.0	0.8	100	0.000000	8760	0
1065	24-09-2025	Jetty CTMS MS - P	Prover LPD UP Stream	Flange	0.0	0.8	100	0.000000	8760	0
1066	24-09-2025	Jetty CTMS MS - P	Prover LPD Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
1067	24-09-2025	Jetty CTMS MS - P	Drain Hov -1 UP Stream	Flange	0.0	0.8	100	0.000000	8760	0
1068	24-09-2025	Jetty CTMS MS - P	Drain Hov -1 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
1069	24-09-2025	Jetty CTMS MS - P	Drain Hov -2 UP Stream	Flange	0.0	0.8	100	0.000000	8760	0
1070	24-09-2025	Jetty CTMS MS - P	Drain Hov -2 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
1071	24-09-2025	Jetty CTMS MS - P	Drain Hov -3 UP Stream	Flange	0.0	0.8	100	0.000000	8760	0
1072	24-09-2025	Jetty CTMS MS - P	Drain Hov -3 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
1073	24-09-2025	Jetty CTMS MS - P	Drain Hov -4 UP Stream	Flange	0.0	0.8	100	0.000000	8760	0
1074	24-09-2025	Jetty CTMS MS - P	Drain Hov -4 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
1075	24-09-2025	Jetty CTMS MS - P	Drain Hov -5 UP Stream	Flange	0.0	0.8	100	0.000000	8760	0
1076	24-09-2025	Jetty CTMS MS - P	Drain Hov -5 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
1077	24-09-2025	Jetty CTMS MS - P	Drain Hov -6 UP Stream	Flange	0.0	0.8	100	0.000000	8760	0
1078	24-09-2025	Jetty CTMS MS - P	Drain Hov -6 Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
1079	24-09-2025	Jetty CTMS MS - P	CBD Line HOV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
1080	24-09-2025	Jetty CTMS MS - P	CBD Line HOV Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
1081	24-09-2025	Jetty CTMS MS - P	CBD Line End Flange	Flange	0.0	0.8	100	0.000000	8760	0
1082	24-09-2025	Jetty CTMS MS - P	CBD Line NRV Up Stream	Flange	0.0	0.8	100	0.000000	8760	0
1083	24-09-2025	Jetty CTMS MS - P	CBD Line NRV Down Stream	Flange	0.0	0.8	100	0.000000	8760	0
1084	24-09-2025	Jetty MULA-101 B	Butane Line	Flange	0.0	1	100	0.000000	8770	0
1085	24-09-2025	Jetty MULA-101 B	Butane Line	Flange	0.0	1	100	0.000000	8771	0
1086	24-09-2025	Jetty MULA-101 B	Butane Line	Flange	0.0	1	100	0.000000	8772	0
1087	24-09-2025	Jetty MULA-101 B	Butane Line	Flange	0.0	1	100	0.000000	8773	0
1088	24-09-2025	Jetty MULA-101 B	Butane Line	Flange	0.0	1	100	0.000000	8774	0
1089	24-09-2025	Jetty MULA-101 B	Butane Line	Flange	0.0	1	100	0.000000	8775	0
1090	24-09-2025	Jetty MULA-101 B	Butane Line	Flange	0.0	1	100	0.000000	8776	0
1091	24-09-2025	Jetty MULA-101 B	Butane Line	Flange	0.0	1	100	0.000000	8777	0
1092	24-09-2025	Jetty MULA-210 Z -01B	Crude/UGO	Flange	0.0	1	100	0.000000	8778	0
1093	24-09-2025	Jetty MULA-210 Z -01B	Crude/UGO	Flange	0.0	1	100	0.000000	8779	0
1094	24-09-2025	Jetty MULA-210 Z -01B	Crude/UGO	Flange	0.0	1	100	0.000000	8780	0
1095	24-09-2025	Jetty MULA-210 Z -01B	Crude/UGO	Flange	0.0	1	100	0.000000	8781	0
1096	24-09-2025	Jetty MULA-210 Z -01B	Crude/UGO	Flange	0.0	1	100	0.000000	8782	0
1097	24-09-2025	Jetty MULA-210 Z -01B	Crude/UGO	Flange	0.0	1	100	0.000000	8783	0
1098	24-09-2025	Jetty MULA-210 Z -01B	Crude/UGO	Flange	0.0	1	100	0.000000	8784	0
1099	24-09-2025	Jetty MULA-210 Z -01B	Crude/UGO	Flange	0.0	1	100	0.000000	8785	0
1100	24-09-2025	Jetty MULA-210 Z -01B	Crude/UGO	Flange	0.0	1	100	0.000000	8786	0
1101	24-09-2025	Jetty MULA-210 Z -01B	Crude/UGO	Flange	0.0	1	100	0.000000	8787	0
1102	24-09-2025	Jetty MULA-210 Z -01B	Crude/UGO	Flange	0.0	1	100	0.000000	8788	0
1103	24-09-2025	Jetty MULA-210 Z -01B	Crude/UGO	Flange	0.0	1	100	0.000000	8789	0

1104	24-09-2025	Jetty MULA-210 Z -01B	Crude/UGO	Flange	0.0	1	100	0.000000	8790	0
1105	24-09-2025	Jetty - Butane Line	Suction Line/Drain	Flange	0.0	1	100	0.000000	8791	0
1106	24-09-2025	Jetty - Butane Line	Suction Line/Drain	Flange	0.0	1	100	0.000000	8792	0
1107	24-09-2025	Jetty - Butane Line	Suction Line/Drain	Valve	0.0	1	100	0.000000	8793	0
1108	24-09-2025	Jetty - Butane Line	Suction Line/Drain	Flange	0.0	1	100	0.000000	8794	0
1109	24-09-2025	Jetty - Butane Line	Suction Line/Drain	Flange	0.0	1	100	0.000000	8795	0
1110	24-09-2025	Jetty - Butane Line	Suction Line/Drain	Valve	0.0	1	100	0.000000	8796	0
1111	24-09-2025	Jetty - Propane Line	Suction Line/Drain	Flange	0.0	1	100	0.000000	8797	0
1112	24-09-2025	Jetty - Propane Line	Suction Line/Drain	Flange	0.2	1	100	0.000001	8798	0.013083
1113	24-09-2025	Jetty - Propane Line	Suction Line/Drain	Valve	0.1	1	100	0.000001	8799	0.0080377
1114	24-09-2025	Jetty - Propane Line	Suction Line/Drain	Flange	0.0	1	100	0.000000	8800	0
1115	24-09-2025	Jetty - Propane Line	Suction Line/Drain	Flange	0.0	1	100	0.000000	8801	0
1116	24-09-2025	Jetty - Propane Line	Suction Line/Drain	Valve	0.1	1	100	0.000001	8802	0.0080405
1117	24-09-2025	Jetty - Butane/Stainer	HOV Line	Flange	0.0	1	100	0.000000	8803	0
1118	24-09-2025	Jetty - Butane/Stainer	HOV Line	Flange	0.0	1	100	0.000000	8804	0
1119	24-09-2025	Jetty - Butane/Stainer	HOV Line	Valve	0.0	1	100	0.000000	8805	0
1120	24-09-2025	Jetty - Butane/Stainer	HOV Line	Flange	0.3	1	100	0.000002	8806	0.0174139
1121	24-09-2025	Jetty - Butane/Stainer	HOV Line	Flange	0.0	1	100	0.000000	8807	0
1122	24-09-2025	Jetty - Butane/Stainer	HOV Line	Flange	0.0	1	100	0.000000	8808	0
1123	24-09-2025	Jetty - Butane/Stainer	HOV Line	Flange	0.0	1	100	0.000000	8809	0
1124	24-09-2025	Jetty - Butane/Stainer	HOV Line	Flange	0.0	1	100	0.000000	8810	0
1125	24-09-2025	Jetty - Butane/Stainer	HOV Line	Flange	0.0	1	100	0.000000	8811	0
1126	24-09-2025	Jetty - Butane/Stainer	HOV Line	Flange	0.0	1	100	0.000000	8812	0
1127	24-09-2025	Jetty - Butane/Stainer	HOV Line	Flange	0.3	1	100	0.000002	8813	0.0174277
1128	24-09-2025	Jetty - Butane/Stainer	HOV Line	Flange	0.2	1	100	0.000001	8814	0.0131068
1129	24-09-2025	Jetty - Butane/Stainer	HOV Line	Flange	0.2	1	100	0.000001	8815	0.0131083
1130	24-09-2025	Jetty - Butane/Stainer	HOV Line	Flange	0.0	1	100	0.000000	8816	0
1131	24-09-2025	Jetty - Butane/Stainer	HOV Line	Flange	0.0	1	100	0.000000	8817	0
1132	24-09-2025	Jetty - Butane/Stainer	HOV Line	Flange	0.0	1	100	0.000000	8818	0
1133	24-09-2025	Jetty - Butane/Stainer	HOV Line	Flange	0.0	1	100	0.000000	8819	0
1134	24-09-2025	Jetty - Butane/Stainer	HOV Line	Flange	0.0	1	100	0.000000	8820	0
1135	24-09-2025	Jetty - Butane/Stainer	HOV Line	Flange	0.0	1	100	0.000000	8821	0
1136	24-09-2025	Jetty - Butane/Stainer	HOV Line	Flange	0.0	1	100	0.000000	8822	0
1137	24-09-2025	Jetty - Butane/Stainer	HOV Line	Flange	0.0	1	100	0.000000	8823	0
1138	24-09-2025	Jetty - Butane/Stainer	HOV Line	Valve	0.0	1	100	0.000000	8824	0
1139	24-09-2025	Jetty - Butane/Stainer	HOV Line	Flange	0.0	1	100	0.000000	8825	0
1140	24-09-2025	Jetty - Butane/Stainer	HOV Line	Flange	0.0	1	100	0.000000	8826	0
1141	24-09-2025	Jetty - Butane/Stainer	HOV Line	Flange	0.0	1	100	0.000000	8827	0
1142	24-09-2025	Jetty - Butane/Stainer	HOV Line	Flange	0.0	1	100	0.000000	8828	0
1143	24-09-2025	Jetty - Butane/Stainer	HOV Line	Flange	0.0	1	100	0.000000	8829	0
1144	24-09-2025	Jetty - Butane/Stainer	HOV Line	Flange	0.0	1	100	0.000000	8830	0
1145	24-09-2025	Jetty - Butane/Stainer	HOV Line	Flange	0.0	1	100	0.000000	8831	0
1146	24-09-2025	Jetty - Butane/Stainer	HOV Line	Flange	0.0	1	100	0.000000	8832	0
1147	24-09-2025	Jetty - Butane Line	Mass Flow meter	Flange	0.0	1	100	0.000000	8833	0
1148	24-09-2025	Jetty - Butane Line	Mass Flow meter	Flange	0.0	1	100	0.000000	8834	0
1149	24-09-2025	Jetty - Butane Line	Mass Flow meter	Flange	0.0	1	100	0.000000	8835	0
1150	24-09-2025	Jetty - Butane Line	Mass Flow meter	Flange	0.0	1	100	0.000000	8836	0
1151	24-09-2025	Jetty - Butane Line	Mass Flow meter	Flange	0.0	1	100	0.000000	8837	0
1152	24-09-2025	Jetty - Butane Line	Mass Flow meter	Valve	0.0	1	100	0.000000	8838	0
1153	24-09-2025	Jetty - Butane Line	Mass Flow meter	Flange	0.0	1	100	0.000000	8839	0
1154	24-09-2025	Jetty - Butane Line	Mass Flow meter	Flange	0.0	1	100	0.000000	8840	0
1155	24-09-2025	Jetty - Butane Line	Mass Flow meter	Valve	0.0	1	100	0.000000	8841	0
1156	24-09-2025	Jetty - Butane Line	Mass Flow meter	Flange	0.0	1	100	0.000000	8842	0
1157	24-09-2025	Jetty - Propane Line	HOV Stainer	Flange	0.0	1	100	0.000000	8843	0
1158	24-09-2025	Jetty - Propane Line	HOV Stainer	Flange	0.0	1	100	0.000000	8844	0
1159	24-09-2025	Jetty - Propane Line	HOV Stainer	Valve	0.0	1	100	0.000000	8845	0
1160	24-09-2025	Jetty - Propane Line	HOV Stainer	Flange	0.0	1	100	0.000000	8846	0
1161	24-09-2025	Jetty - Propane Line	HOV Stainer	Valve	0.0	1	100	0.000000	8847	0
1162	24-09-2025	Jetty - Propane Line	HOV Stainer	Flange	0.0	1	100	0.000000	8848	0
1163	24-09-2025	Jetty - Propane Line	HOV Stainer	Flange	0.0	1	100	0.000000	8849	0
1164	24-09-2025	Jetty - Propane Line	HOV Stainer	Flange	0.0	1	100	0.000000	8850	0
1165	24-09-2025	Jetty - Propane Line	HOV Stainer	Flange	0.0	1	100	0.000000	8851	0
1166	24-09-2025	Jetty - Propane Line	HOV Stainer	Flange	0.0	1	100	0.000000	8852	0
1167	24-09-2025	Jetty - Propane Line	HOV Stainer	Flange	0.0	1	100	0.000000	8853	0
1168	24-09-2025	Jetty - Propane Line	HOV Stainer	Flange	0.0	1	100	0.000000	8854	0
1169	24-09-2025	Jetty - Propane Line	HOV Stainer	Flange	0.0	1	100	0.000000	8855	0
1170	24-09-2025	Jetty - Propane Line	HOV Stainer	Flange	0.0	1	100	0.000000	8856	0
1171	24-09-2025	Jetty - Propane Line	HOV Stainer	Flange	0.0	1	100	0.000000	8857	0
1172	24-09-2025	Jetty - Propane Line	HOV Stainer	Flange	0.0	1	100	0.000000	8858	0
1173	24-09-2025	Jetty - Propane Line	HOV Stainer	Flange	0.0	1	100	0.000000	8859	0
1174	24-09-2025	Jetty - Propane Line	HOV Stainer	Flange	0.0	1	100	0.000000	8860	0
1175	24-09-2025	Jetty - Propane Line	HOV Stainer	Flange	0.0	1	100	0.000000	8861	0
1176	24-09-2025	Jetty - Propane Line	HOV Stainer	Flange	0.0	1	100	0.000000	8862	0
1177	24-09-2025	Jetty - Propane Line	HOV Stainer	Flange	0.0	1	100	0.000000	8863	0
1178	24-09-2025	Jetty - Propane Line	HOV Stainer	Flange	0.0	1	100	0.000000	8864	0
1179	24-09-2025	Jetty - Propane Line	HOV Stainer	Flange	0.0	1	100	0.000000	8865	0
1180	24-09-2025	Jetty - Propane Line	HOV Stainer	Flange	0.0	1	100	0.000000	8866	0
1181	24-09-2025	Jetty - Propane Line	HOV Stainer	Valve	0.0	1	100	0.000000	8867	0
1182	24-09-2025	Jetty - Propane Line	HOV Stainer	Flange	0.0	1	100	0.000000	8868	0
1183	24-09-2025	Jetty - Propane Line	HOV Stainer	Flange	0.0	1	100	0.000000	8869	0
1184	24-09-2025	Jetty - Propane Line	HOV Stainer	Flange	0.0	1	100	0.000000	8870	0
1185	24-09-2025	Jetty - Propane Line	HOV Stainer	Flange	0.0	1	100	0.000000	8871	0

1186	24-09-2025	Jetty - Propane Line	HOV Stainer	Flange	0.0	1	100	0.000000	8872	0
1187	24-09-2025	Jetty - Propane Line	HOV Stainer	Valve	0.0	1	100	0.000000	8873	0
1188	24-09-2025	Jetty - Propane Line	HOV Stainer	Flange	0.0	1	100	0.000000	8874	0
1189	24-09-2025	Jetty - Propane Line	HOV Stainer	Flange	0.0	1	100	0.000000	8875	0
1190	24-09-2025	Jetty - Propane Line	HOV Stainer	Flange	0.0	1	100	0.000000	8876	0
1191	24-09-2025	Jetty - Propane Line	HOV Stainer	Flange	0.0	1	100	0.000000	8877	0
1192	24-09-2025	Jetty - Propane Line	HOV Stainer	Flange	0.0	1	100	0.000000	8878	0
1193	24-09-2025	Jetty - Propane Line	Mass Flow meter	Flange	0.0	1	100	0.000000	8879	0
1194	24-09-2025	Jetty - Propane Line	Mass Flow meter	Flange	0.0	1	100	0.000000	8880	0
1195	24-09-2025	Jetty - Propane Line	Mass Flow meter	Valve	0.0	1	100	0.000000	8881	0
1196	24-09-2025	Jetty - Propane Line	Mass Flow meter	Flange	0.0	1	100	0.000000	8882	0
1197	24-09-2025	Jetty - Propane Line	Mass Flow meter	Flange	0.0	1	100	0.000000	8883	0
1198	24-09-2025	Jetty - Propane Line	Mass Flow meter	Flange	0.0	1	100	0.000000	8884	0
1199	24-09-2025	Jetty - Propane Line	Mass Flow meter	Flange	0.0	1	100	0.000000	8885	0
1200	24-09-2025	Jetty - Propane Line	Mass Flow meter	Flange	0.0	1	100	0.000000	8886	0
1201	24-09-2025	Jetty - Propane Line	Mass Flow meter	Flange	0.0	1	100	0.000000	8887	0
1202	24-09-2025	Jetty - Propane Line	Mass Flow meter	Valve	0.0	1	100	0.000000	8888	0
1203	24-09-2025	Jetty - Propane Line	Mass Flow meter	Flange	0.0	1	100	0.000000	8889	0
1204	24-09-2025	Jetty - Propane Line	Mass Flow meter	Flange	0.0	1	100	0.000000	8890	0
1205	24-09-2025	Jetty - Propane Line	Mass Flow meter	Valve	0.0	1	100	0.000000	8891	0
1206	24-09-2025	Jetty - Propane Line	Mass Flow meter	Flange	0.0	1	100	0.000000	8892	0
1207	24-09-2025	Jetty - Propane Line	Mass Flow meter	Flange	0.0	1	100	0.000000	8893	0
1208	24-09-2025	Jetty - Propane Line	Mass Flow meter	Valve	0.0	1	100	0.000000	8894	0
1209	24-09-2025	Jetty - Propane Line	Mass Flow meter	Flange	0.0	1	100	0.000000	8895	0
1210	24-09-2025	Jetty - Common Line	Suction Line	Flange	0.0	1	100	0.000000	8896	0
1211	24-09-2025	Jetty - Common Line	Suction Line	Flange	0.0	1	100	0.000000	8897	0
1212	24-09-2025	Jetty - Common Line	Suction Line	Valve	0.0	1	100	0.000000	8898	0
1213	24-09-2025	Jetty - Common Line	Suction Line	Flange	0.0	1	100	0.000000	8899	0
1214	24-09-2025	Jetty - Common Line	Suction Line	Flange	0.0	1	100	0.000000	8900	0
1215	24-09-2025	Jetty - Common Line	Suction Line	Valve	0.0	1	100	0.000000	8901	0
1216	24-09-2025	Jetty - Common Line	Suction Line	Flange	0.0	1	100	0.000000	8902	0
1217	24-09-2025	Jetty - Common Line	Suction Line	Flange	0.0	1	100	0.000000	8903	0
1218	24-09-2025	Jetty - Common Line	Suction Line	Valve	0.0	1	100	0.000000	8904	0
1219	24-09-2025	Jetty - Common Line	Suction Line	Flange	0.0	1	100	0.000000	8905	0
1220	24-09-2025	Jetty - Common Line	Suction Line	Flange	0.0	1	100	0.000000	8906	0
1221	24-09-2025	Jetty - Common Line	Suction Line	Flange	0.0	1	100	0.000000	8907	0
1222	24-09-2025	Jetty - Common Line	Suction Line	Valve	0.0	1	100	0.000000	8908	0
1223	24-09-2025	Jetty - Common Line	Suction Line	Flange	0.0	1	100	0.000000	8909	0
1224	24-09-2025	Jetty - Common Line	Suction Line	Flange	0.0	1	100	0.000000	8910	0
1225	24-09-2025	Jetty - Common Line	Suction Line	Valve	0.0	1	100	0.000000	8911	0
1226	24-09-2025	Jetty - Common Line	Suction Line	Flange	0.0	1	100	0.000000	8912	0
1227	24-09-2025	Jetty - Common Line	Suction Line	Flange	0.0	1	100	0.000000	8913	0
1228	24-09-2025	Jetty - Common Line	Suction Line	Valve	0.0	1	100	0.000000	8914	0
1229	24-09-2025	Jetty - Common Line	Suction Line	Flange	0.0	1	100	0.000000	8915	0
1230	24-09-2025	Jetty - Common Line	Suction Line	Flange	0.0	1	100	0.000000	8916	0
1231	24-09-2025	Jetty - Common Line	Suction Line	Flange	0.0	1	100	0.000000	8917	0
1232	24-09-2025	Jetty - Common Line	Suction Line	Flange	0.0	1	100	0.000000	8918	0
1233	24-09-2025	Jetty - Common Line	Suction Line	Valve	0.0	1	100	0.000000	8919	0
1234	24-09-2025	Jetty - Common Line	Suction Line	Flange	0.0	1	100	0.000000	8920	0
1235	24-09-2025	Jetty - Common Line	Suction Line	Flange	0.0	1	100	0.000000	8921	0
1236	24-09-2025	Jetty - Butane Line	Pump No. 102 C Suction Line	PS	0.0	1	100	0.000000	8922	0
1237	24-09-2025	Jetty - Butane Line	Pump No. 102 C Suction Line	Flange	0.0	1	100	0.000000	8923	0
1238	24-09-2025	Jetty - Butane Line	Pump No. 102 C Suction Line	Flange	0.0	1	100	0.000000	8924	0
1239	24-09-2025	Jetty - Butane Line	Pump No. 102 C Suction Line	Flange	0.0	1	100	0.000000	8925	0
1240	24-09-2025	Jetty - Butane Line	Pump No. 102 C Suction Line	Flange	0.0	1	100	0.000000	8926	0
1241	24-09-2025	Jetty - Butane Line	Pump No. 102 C Suction Line	Flange	0.0	1	100	0.000000	8927	0
1242	24-09-2025	Jetty - Butane Line	Pump No. 102 C Suction Line	Flange	0.0	1	100	0.000000	8928	0
1243	24-09-2025	Jetty - Butane Line	Pump No. 102 C Suction Line	Valve	0.0	1	100	0.000000	8929	0
1244	24-09-2025	Jetty - Butane Line	Pump No. 102 C Suction Line	Flange	0.0	1	100	0.000000	8930	0
1245	24-09-2025	Jetty - Butane Line	Pump No. 102 C Suction Line	Flange	0.0	1	100	0.000000	8931	0
1246	24-09-2025	Jetty - Butane Line	Pump No. 102 C Suction Line	Flange	0.0	1	100	0.000000	8932	0
1247	24-09-2025	Jetty - Butane Line	Pump No. 102 C Suction Line	Flange	0.0	1	100	0.000000	8933	0
1248	24-09-2025	Jetty - Butane Line	Pump No. 102 C Suction Line	Flange	0.0	1	100	0.000000	8934	0
1249	24-09-2025	Jetty - Butane Line	Pump No. 102 C Discharge Line	Flange	0.0	1	100	0.000000	8935	0
1250	24-09-2025	Jetty - Butane Line	Pump No. 102 C Discharge Line	Flange	0.0	1	100	0.000000	8936	0
1251	24-09-2025	Jetty - Butane Line	Pump No. 102 C Discharge Line	Flange	0.0	1	100	0.000000	8937	0
1252	24-09-2025	Jetty - Butane Line	Pump No. 102 C Discharge Line	Flange	0.0	1	100	0.000000	8938	0
1253	24-09-2025	Jetty - Butane Line	Pump No. 102 C Discharge Line	Flange	0.0	1	100	0.000000	8939	0
1254	24-09-2025	Jetty - Butane Line	Pump No. 102 C Discharge Line	Flange	0.0	1	100	0.000000	8940	0
1255	24-09-2025	Jetty - Butane Line	Pump No. 102 C Discharge Line	Flange	0.0	1	100	0.000000	8941	0
1256	24-09-2025	Jetty - Butane Line	Pump No. 102 C Discharge Line	Valve	0.0	1	100	0.000000	8942	0
1257	24-09-2025	Jetty - Butane Line	Pump No. 102 C Discharge Line	Flange	0.0	1	100	0.000000	8943	0
1258	24-09-2025	Jetty - Butane Line	Pump No. 102 C Discharge Line	Flange	0.0	1	100	0.000000	8944	0
1259	24-09-2025	Jetty - Butane Line	Pump No. 102 C Discharge Line	Flange	0.0	1	100	0.000000	8945	0
1260	24-09-2025	Jetty - Butane Line	Purge Gauge Meter	Flange	0.0	1	100	0.000000	8946	0
1261	24-09-2025	Jetty - Butane Line	Purge Gauge Meter	Flange	0.0	1	100	0.000000	8947	0
1262	24-09-2025	Jetty - Butane Line	Purge Gauge Meter	Flange	0.0	1	100	0.000000	8948	0
1263	24-09-2025	Jetty - Butane Line	Purge Gauge Meter	Flange	0.0	1	100	0.000000	8949	0
1264	24-09-2025	Jetty - Butane Line	Purge Gauge Meter	Flange	0.0	1	100	0.000000	8950	0
1265	24-09-2025	Jetty - Butane Line	Purge Gauge Meter	Flange	0.0	1	100	0.000000	8951	0
1266	24-09-2025	Jetty - Butane Line	Purge Gauge Meter	Flange	0.0	1	100	0.000000	8952	0
1267	24-09-2025	Jetty - Butane Line	Purge Gauge Meter	Flange	0.0	1	100	0.000000	8953	0

1268	24-09-2025	Jetty - Butane Line	Purge Gauge Meter	Flange	0.0	1	100	0.000000	8954	0
1269	24-09-2025	Jetty - Butane Line	Purge Gauge Meter	Flange	0.0	1	100	0.000000	8955	0
1270	24-09-2025	Jetty - Butane Line	Purge Gauge Meter	Flange	0.0	1	100	0.000000	8956	0
1271	24-09-2025	Jetty - Butane Line	Purge Gauge Meter	Flange	0.0	1	100	0.000000	8957	0
1272	24-09-2025	Jetty - Butane Line	Purge Gauge Meter	Flange	0.0	1	100	0.000000	8958	0
1273	24-09-2025	Jetty - Butane Line	Purge Gauge Meter	Flange	0.0	1	100	0.000000	8959	0
1274	24-09-2025	Jetty - Butane Line	Purge Gauge Meter	Flange	0.0	1	100	0.000000	8960	0
1275	24-09-2025	Jetty - Butane Line	Purge Gauge Meter	Flange	0.0	1	100	0.000000	8961	0
1276	24-09-2025	Jetty - Butane Line	Pump No. 102 B Suction Line	PS	0.0	1	100	0.000000	8962	0
1277	24-09-2025	Jetty - Butane Line	Pump No. 102 B Suction Line	Flange	0.0	1	100	0.000000	8963	0
1278	24-09-2025	Jetty - Butane Line	Pump No. 102 B Suction Line	Flange	0.0	1	100	0.000000	8964	0
1279	24-09-2025	Jetty - Butane Line	Pump No. 102 B Suction Line	Flange	0.0	1	100	0.000000	8965	0
1280	24-09-2025	Jetty - Butane Line	Pump No. 102 B Suction Line	Flange	0.0	1	100	0.000000	8966	0
1281	24-09-2025	Jetty - Butane Line	Pump No. 102 B Suction Line	Flange	0.0	1	100	0.000000	8967	0
1282	24-09-2025	Jetty - Butane Line	Pump No. 102 B Suction Line	Flange	0.0	1	100	0.000000	8968	0
1283	24-09-2025	Jetty - Butane Line	Pump No. 102 B Suction Line	Flange	0.0	1	100	0.000000	8969	0
1284	24-09-2025	Jetty - Butane Line	Pump No. 102 B Suction Line	Flange	0.0	1	100	0.000000	8970	0
1285	24-09-2025	Jetty - Butane Line	Pump No. 102 B Suction Line	Valve	0.0	1	100	0.000000	8971	0
1286	24-09-2025	Jetty - Butane Line	Pump No. 102 B Suction Line	Flange	0.0	1	100	0.000000	8972	0
1287	24-09-2025	Jetty - Butane Line	Pump No. 102 B Suction Line	Flange	0.0	1	100	0.000000	8973	0
1288	24-09-2025	Jetty - Butane Line	Pump No. 102 B Suction Line	Flange	0.0	1	100	0.000000	8974	0
1289	24-09-2025	Jetty - Butane Line	Pump No. 102 B Suction Line	Flange	0.0	1	100	0.000000	8975	0
1290	24-09-2025	Jetty - Butane Line	Pump No. 102 B Suction Line	Flange	0.0	1	100	0.000000	8976	0
1291	24-09-2025	Jetty - Butane Line	Pump No. 102 B Discharge Line	Flange	0.0	1	100	0.000000	8977	0
1292	24-09-2025	Jetty - Butane Line	Pump No. 102 B Discharge Line	Flange	0.0	1	100	0.000000	8978	0
1293	24-09-2025	Jetty - Butane Line	Pump No. 102 B Discharge Line	Flange	0.0	1	100	0.000000	8979	0
1294	24-09-2025	Jetty - Butane Line	Pump No. 102 B Discharge Line	Flange	0.0	1	100	0.000000	8980	0
1295	24-09-2025	Jetty - Butane Line	Pump No. 102 B Discharge Line	Flange	0.0	1	100	0.000000	8981	0
1296	24-09-2025	Jetty - Butane Line	Pump No. 102 B Discharge Line	Flange	0.0	1	100	0.000000	8982	0
1297	24-09-2025	Jetty - Butane Line	Pump No. 102 B Discharge Line	Flange	0.0	1	100	0.000000	8983	0
1298	24-09-2025	Jetty - Butane Line	Pump No. 102 B Discharge Line	Valve	0.0	1	100	0.000000	8984	0
1299	24-09-2025	Jetty - Butane Line	Pump No. 102 B Discharge Line	Flange	0.0	1	100	0.000000	8985	0
1300	24-09-2025	Jetty - Butane Line	Pump No. 102 B Discharge Line	Flange	0.0	1	100	0.000000	8986	0
1301	24-09-2025	Jetty - Butane Line	Pump No. 102 B Discharge Line	Flange	0.0	1	100	0.000000	8987	0
1302	24-09-2025	Jetty - Butane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	8988	0
1303	24-09-2025	Jetty - Butane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	8989	0
1304	24-09-2025	Jetty - Butane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	8990	0
1305	24-09-2025	Jetty - Butane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	8991	0
1306	24-09-2025	Jetty - Butane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	8992	0
1307	24-09-2025	Jetty - Butane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	8993	0
1308	24-09-2025	Jetty - Butane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	8994	0
1309	24-09-2025	Jetty - Butane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	8995	0
1310	24-09-2025	Jetty - Butane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	8996	0
1311	24-09-2025	Jetty - Butane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	8997	0
1312	24-09-2025	Jetty - Butane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	8998	0
1313	24-09-2025	Jetty - Butane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	8999	0
1314	24-09-2025	Jetty - Butane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9000	0
1315	24-09-2025	Jetty - Butane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9001	0
1316	24-09-2025	Jetty - Butane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9002	0
1317	24-09-2025	Jetty - Butane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9003	0
1318	24-09-2025	Jetty - Butane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9004	0
1319	24-09-2025	Jetty - Butane Line	Pump No. 102 A Suction Line	PS	0.0	1	100	0.000000	9005	0
1320	24-09-2025	Jetty - Butane Line	Pump No. 102 A Suction Line	Flange	0.0	1	100	0.000000	9006	0
1321	24-09-2025	Jetty - Butane Line	Pump No. 102 A Suction Line	Flange	0.0	1	100	0.000000	9007	0
1322	24-09-2025	Jetty - Butane Line	Pump No. 102 A Suction Line	Flange	0.0	1	100	0.000000	9008	0
1323	24-09-2025	Jetty - Butane Line	Pump No. 102 A Suction Line	Flange	0.0	1	100	0.000000	9009	0
1324	24-09-2025	Jetty - Butane Line	Pump No. 102 A Suction Line	Flange	0.0	1	100	0.000000	9010	0
1325	24-09-2025	Jetty - Butane Line	Pump No. 102 A Suction Line	Flange	0.0	1	100	0.000000	9011	0
1326	24-09-2025	Jetty - Butane Line	Pump No. 102 A Suction Line	Flange	0.0	1	100	0.000000	9012	0
1327	24-09-2025	Jetty - Butane Line	Pump No. 102 A Suction Line	Flange	0.0	1	100	0.000000	9013	0
1328	24-09-2025	Jetty - Butane Line	Pump No. 102 A Suction Line	Valve	0.0	1	100	0.000000	9014	0
1329	24-09-2025	Jetty - Butane Line	Pump No. 102 A Suction Line	Flange	0.0	1	100	0.000000	9015	0
1330	24-09-2025	Jetty - Butane Line	Pump No. 102 A Suction Line	Flange	0.0	1	100	0.000000	9016	0
1331	24-09-2025	Jetty - Butane Line	Pump No. 102 A Suction Line	Flange	0.0	1	100	0.000000	9017	0
1332	24-09-2025	Jetty - Butane Line	Pump No. 102 A Suction Line	Flange	0.0	1	100	0.000000	9018	0
1333	24-09-2025	Jetty - Butane Line	Pump No. 102 A Suction Line	Flange	0.0	1	100	0.000000	9019	0
1334	24-09-2025	Jetty - Butane Line	Pump No. 102 A Discharge Line	Flange	0.0	1	100	0.000000	9020	0
1335	24-09-2025	Jetty - Butane Line	Pump No. 102 A Discharge Line	Flange	0.0	1	100	0.000000	9021	0
1336	24-09-2025	Jetty - Butane Line	Pump No. 102 A Discharge Line	Flange	0.0	1	100	0.000000	9022	0
1337	24-09-2025	Jetty - Butane Line	Pump No. 102 A Discharge Line	Flange	0.0	1	100	0.000000	9023	0
1338	24-09-2025	Jetty - Butane Line	Pump No. 102 A Discharge Line	Flange	0.0	1	100	0.000000	9024	0
1339	24-09-2025	Jetty - Butane Line	Pump No. 102 A Discharge Line	Flange	0.0	1	100	0.000000	9025	0
1340	24-09-2025	Jetty - Butane Line	Pump No. 102 A Discharge Line	Flange	0.0	1	100	0.000000	9026	0
1341	24-09-2025	Jetty - Butane Line	Pump No. 102 A Discharge Line	Flange	0.0	1	100	0.000000	9027	0
1342	24-09-2025	Jetty - Butane Line	Pump No. 102 A Discharge Line	Flange	0.0	1	100	0.000000	9028	0
1343	24-09-2025	Jetty - Butane Line	Pump No. 102 A Discharge Line	Valve	0.0	1	100	0.000000	9029	0
1344	24-09-2025	Jetty - Butane Line	Pump No. 102 A Discharge Line	Flange	0.0	1	100	0.000000	9030	0
1345	24-09-2025	Jetty - Butane Line	Pump No. 102 A Discharge Line	Flange	0.0	1	100	0.000000	9031	0
1346	24-09-2025	Jetty - Butane Line	Pump No. 102 A Discharge Line	Flange	0.0	1	100	0.000000	9032	0
1347	24-09-2025	Jetty - Butane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9033	0
1348	24-09-2025	Jetty - Butane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9034	0
1349	24-09-2025	Jetty - Butane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9035	0

1350	24-09-2025	Jetty - Butane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9036	0
1351	24-09-2025	Jetty - Butane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9037	0
1352	24-09-2025	Jetty - Butane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9038	0
1353	24-09-2025	Jetty - Butane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9039	0
1354	24-09-2025	Jetty - Butane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9040	0
1355	24-09-2025	Jetty - Butane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9041	0
1356	24-09-2025	Jetty - Butane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9042	0
1357	24-09-2025	Jetty - Butane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9043	0
1358	24-09-2025	Jetty - Butane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9044	0
1359	24-09-2025	Jetty - Butane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9045	0
1360	24-09-2025	Jetty - Butane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9046	0
1361	24-09-2025	Jetty - Butane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9047	0
1362	24-09-2025	Jetty - Butane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9048	0
1363	24-09-2025	Jetty - Butane Line	Discharge Line	Flange	0.0	1	100	0.000000	9049	0
1364	24-09-2025	Jetty - Butane Line	Discharge Line	Flange	0.0	1	100	0.000000	9050	0
1365	24-09-2025	Jetty - Butane Line	Discharge Line	Flange	0.0	1	100	0.000000	9051	0
1366	24-09-2025	Jetty - Butane Line	Discharge Line	Flange	0.0	1	100	0.000000	9052	0
1367	24-09-2025	Jetty - Butane Line	Discharge Line	Flange	0.0	1	100	0.000000	9053	0
1368	24-09-2025	Jetty - Butane Line	Discharge Line	Flange	0.0	1	100	0.000000	9054	0
1369	24-09-2025	Jetty - Butane Line	Discharge Line	Flange	0.0	1	100	0.000000	9055	0
1370	24-09-2025	Jetty - Butane Line	Discharge Line	Flange	0.0	1	100	0.000000	9056	0
1371	24-09-2025	Jetty - Butane Line	Discharge Line	Flange	0.0	1	100	0.000000	9057	0
1372	24-09-2025	Jetty - Butane Line	Discharge Line	Valve	0.0	1	100	0.000000	9058	0
1373	24-09-2025	Jetty - Butane Line	Discharge Line	Flange	0.0	1	100	0.000000	9059	0
1374	24-09-2025	Jetty - Butane Line	Discharge Line	Flange	0.0	1	100	0.000000	9060	0
1375	24-09-2025	Jetty - Butane Line	Discharge Line	Flange	0.0	1	100	0.000000	9061	0
1376	24-09-2025	Jetty - Butane Line	Discharge Line	Flange	0.0	1	100	0.000000	9062	0
1377	24-09-2025	Jetty - Butane Line	Discharge Line	Flange	0.0	1	100	0.000000	9063	0
1378	24-09-2025	Jetty - Butane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9064	0
1379	24-09-2025	Jetty - Butane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9065	0
1380	24-09-2025	Jetty - Butane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9066	0
1381	24-09-2025	Jetty - Butane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9067	0
1382	24-09-2025	Jetty - Butane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9068	0
1383	24-09-2025	Jetty - Butane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9069	0
1384	24-09-2025	Jetty - Butane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9070	0
1385	24-09-2025	Jetty - Butane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9071	0
1386	24-09-2025	Jetty - Butane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9072	0
1387	24-09-2025	Jetty - Butane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9073	0
1388	24-09-2025	Jetty - Butane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9074	0
1389	24-09-2025	Jetty - Butane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9075	0
1390	24-09-2025	Jetty - Butane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9076	0
1391	24-09-2025	Jetty - Butane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9077	0
1392	24-09-2025	Jetty - Butane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9078	0
1393	24-09-2025	Jetty - Butane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9079	0
1394	24-09-2025	Jetty - Butane Line	Pump No. - 101 B - Suction Line	PS	0.0	1	100	0.000000	9080	0
1395	24-09-2025	Jetty - Butane Line	Pump No. - 101 B - Suction Line	Flange	0.0	1	100	0.000000	9081	0
1396	24-09-2025	Jetty - Butane Line	Pump No. - 101 B - Suction Line	Flange	0.0	1	100	0.000000	9082	0
1397	24-09-2025	Jetty - Butane Line	Pump No. - 101 B - Suction Line	Flange	0.0	1	100	0.000000	9083	0
1398	24-09-2025	Jetty - Butane Line	Pump No. - 101 B - Suction Line	Flange	0.0	1	100	0.000000	9084	0
1399	24-09-2025	Jetty - Butane Line	Pump No. - 101 B - Suction Line	Flange	0.0	1	100	0.000000	9085	0
1400	24-09-2025	Jetty - Butane Line	Pump No. - 101 B - Suction Line	Flange	0.0	1	100	0.000000	9086	0
1401	24-09-2025	Jetty - Butane Line	Pump No. - 101 B - Suction Line	Flange	0.0	1	100	0.000000	9087	0
1402	24-09-2025	Jetty - Butane Line	Pump No. - 101 B - Suction Line	Flange	0.0	1	100	0.000000	9088	0
1403	24-09-2025	Jetty - Butane Line	Pump No. - 101 B - Suction Line	Valve	0.0	1	100	0.000000	9089	0
1404	24-09-2025	Jetty - Butane Line	Pump No. - 101 B - Suction Line	Flange	0.0	1	100	0.000000	9090	0
1405	24-09-2025	Jetty - Butane Line	Pump No. - 101 B - Suction Line	Flange	0.0	1	100	0.000000	9091	0
1406	24-09-2025	Jetty - Butane Line	Pump No. - 101 B - Suction Line	Flange	0.0	1	100	0.000000	9092	0
1407	24-09-2025	Jetty - Butane Line	Pump No. - 101 B - Suction Line	Flange	0.0	1	100	0.000000	9093	0
1408	24-09-2025	Jetty - Butane Line	Pump No. - 101 B - Suction Line	Flange	0.0	1	100	0.000000	9094	0
1409	24-09-2025	Propane Line	Discharge Line	Flange	0.0	1	100	0.000000	9095	0
1410	24-09-2025	Propane Line	Discharge Line	Flange	0.0	1	100	0.000000	9096	0
1411	24-09-2025	Propane Line	Discharge Line	Flange	0.0	1	100	0.000000	9097	0
1412	24-09-2025	Propane Line	Discharge Line	Flange	0.0	1	100	0.000000	9098	0
1413	24-09-2025	Propane Line	Discharge Line	Flange	0.0	1	100	0.000000	9099	0
1414	24-09-2025	Propane Line	Discharge Line	Flange	0.0	1	100	0.000000	9100	0
1415	24-09-2025	Propane Line	Discharge Line	Flange	0.0	1	100	0.000000	9101	0
1416	24-09-2025	Propane Line	Discharge Line	Flange	0.0	1	100	0.000000	9102	0
1417	24-09-2025	Propane Line	Discharge Line	Valve	0.0	1	100	0.000000	9103	0
1418	24-09-2025	Propane Line	Discharge Line	Flange	0.0	1	100	0.000000	9104	0
1419	24-09-2025	Propane Line	Discharge Line	Flange	0.0	1	100	0.000000	9105	0
1420	24-09-2025	Propane Line	Discharge Line	Flange	0.0	1	100	0.000000	9106	0
1421	24-09-2025	Propane Line	Suction Line	Flange	0.0	1	100	0.000000	9107	0
1422	24-09-2025	Propane Line	Suction Line	Flange	0.0	1	100	0.000000	9108	0
1423	24-09-2025	Propane Line	Suction Line	Flange	0.0	1	100	0.000000	9109	0
1424	24-09-2025	Propane Line	Suction Line	Flange	0.0	1	100	0.000000	9110	0
1425	24-09-2025	Propane Line	Suction Line	Flange	0.0	1	100	0.000000	9111	0
1426	24-09-2025	Propane Line	Suction Line	Flange	0.0	1	100	0.000000	9112	0
1427	24-09-2025	Propane Line	Suction Line	Flange	0.0	1	100	0.000000	9113	0
1428	24-09-2025	Propane Line	Suction Line	Flange	0.0	1	100	0.000000	9114	0
1429	24-09-2025	Propane Line	Suction Line	Valve	0.0	1	100	0.000000	9115	0
1430	24-09-2025	Propane Line	Suction Line	Flange	0.0	1	100	0.000000	9116	0
1431	24-09-2025	Propane Line	Suction Line	Flange	0.0	1	100	0.000000	9117	0

1432	24-09-2025	Propane Line	Suction Line	Flange	0.0	1	100	0.000000	9118	0
1433	24-09-2025	Propane Line	Suction Line	Flange	0.0	1	100	0.000000	9119	0
1434	24-09-2025	Propane Line	Suction Line	Flange	0.0	1	100	0.000000	9120	0
1435	24-09-2025	Propane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9121	0
1436	24-09-2025	Propane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9122	0
1437	24-09-2025	Propane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9123	0
1438	24-09-2025	Propane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9124	0
1439	24-09-2025	Propane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9125	0
1440	24-09-2025	Propane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9126	0
1441	24-09-2025	Propane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9127	0
1442	24-09-2025	Propane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9128	0
1443	24-09-2025	Propane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9129	0
1444	24-09-2025	Propane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9130	0
1445	24-09-2025	Propane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9131	0
1446	24-09-2025	Propane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9132	0
1447	24-09-2025	Propane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9133	0
1448	24-09-2025	Propane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9134	0
1449	24-09-2025	Propane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9135	0
1450	24-09-2025	Propane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9136	0
1451	24-09-2025	Propane Line	Pump No. - 101 B - Discharge Line	PS	0.0	1	100	0.000000	9137	0
1452	24-09-2025	Propane Line	Pump No. - 101 B - Discharge Line	Flange	0.0	1	100	0.000000	9138	0
1453	24-09-2025	Propane Line	Pump No. - 101 B - Discharge Line	Flange	0.0	1	100	0.000000	9139	0
1454	24-09-2025	Propane Line	Pump No. - 101 B - Discharge Line	Flange	0.0	1	100	0.000000	9140	0
1455	24-09-2025	Propane Line	Pump No. - 101 B - Discharge Line	Flange	0.0	1	100	0.000000	9141	0
1456	24-09-2025	Propane Line	Pump No. - 101 B - Discharge Line	Flange	0.0	1	100	0.000000	9142	0
1457	24-09-2025	Propane Line	Pump No. - 101 B - Discharge Line	Flange	0.0	1	100	0.000000	9143	0
1458	24-09-2025	Propane Line	Pump No. - 101 B - Discharge Line	Flange	0.0	1	100	0.000000	9144	0
1459	24-09-2025	Propane Line	Pump No. - 101 B - Discharge Line	Valve	0.0	1	100	0.000000	9145	0
1460	24-09-2025	Propane Line	Pump No. - 101 B - Discharge Line	Flange	0.0	1	100	0.000000	9146	0
1461	24-09-2025	Propane Line	Pump No. - 101 B - Discharge Line	Flange	0.0	1	100	0.000000	9147	0
1462	24-09-2025	Propane Line	Pump No. - 101 B - Discharge Line	Flange	0.0	1	100	0.000000	9148	0
1463	24-09-2025	Propane Line	Pump No. - 101 B - Suction Line	Flange	0.0	1	100	0.000000	9149	0
1464	24-09-2025	Propane Line	Pump No. - 101 B - Suction Line	Flange	0.0	1	100	0.000000	9150	0
1465	24-09-2025	Propane Line	Pump No. - 101 B - Suction Line	Flange	0.0	1	100	0.000000	9151	0
1466	24-09-2025	Propane Line	Pump No. - 101 B - Suction Line	Flange	0.0	1	100	0.000000	9152	0
1467	24-09-2025	Propane Line	Pump No. - 101 B - Suction Line	Flange	0.0	1	100	0.000000	9153	0
1468	24-09-2025	Propane Line	Pump No. - 101 B - Suction Line	Flange	0.0	1	100	0.000000	9154	0
1469	24-09-2025	Propane Line	Pump No. - 101 B - Suction Line	Flange	0.0	1	100	0.000000	9155	0
1470	24-09-2025	Propane Line	Pump No. - 101 B - Suction Line	Flange	0.0	1	100	0.000000	9156	0
1471	24-09-2025	Propane Line	Pump No. - 101 B - Suction Line	Valve	0.0	1	100	0.000000	9157	0
1472	24-09-2025	Propane Line	Pump No. - 101 B - Suction Line	Flange	0.0	1	100	0.000000	9158	0
1473	24-09-2025	Propane Line	Pump No. - 101 B - Suction Line	Flange	0.0	1	100	0.000000	9159	0
1474	24-09-2025	Propane Line	Pump No. - 101 B - Suction Line	Flange	0.0	1	100	0.000000	9160	0
1475	24-09-2025	Propane Line	Pump No. - 101 B - Suction Line	Flange	0.0	1	100	0.000000	9161	0
1476	24-09-2025	Propane Line	Pump No. - 101 B - Suction Line	Flange	0.0	1	100	0.000000	9162	0
1477	24-09-2025	Propane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9163	0
1478	24-09-2025	Propane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9164	0
1479	24-09-2025	Propane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9165	0
1480	24-09-2025	Propane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9166	0
1481	24-09-2025	Propane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9167	0
1482	24-09-2025	Propane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9168	0
1483	24-09-2025	Propane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9169	0
1484	24-09-2025	Propane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9170	0
1485	24-09-2025	Propane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9171	0
1486	24-09-2025	Propane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9172	0
1487	24-09-2025	Propane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9173	0
1488	24-09-2025	Propane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9174	0
1489	24-09-2025	Propane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9175	0
1490	24-09-2025	Propane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9176	0
1491	24-09-2025	Propane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9177	0
1492	24-09-2025	Propane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9178	0
1493	24-09-2025	Propane Line	Pump No. - 101 A Discharge Line	PS	0.0	1	100	0.000000	9179	0
1494	24-09-2025	Propane Line	Pump No. - 101 A Discharge Line	Flange	0.0	1	100	0.000000	9180	0
1495	24-09-2025	Propane Line	Pump No. - 101 A Discharge Line	Flange	0.0	1	100	0.000000	9181	0
1496	24-09-2025	Propane Line	Pump No. - 101 A Discharge Line	Flange	0.0	1	100	0.000000	9182	0

1497	24-09-2025	Propane Line	Pump No. - 101 A Discharge Line	Flange	0.0	1	100	0.000000	9183	0
1498	24-09-2025	Propane Line	Pump No. - 101 A Discharge Line	Flange	0.0	1	100	0.000000	9184	0
1499	24-09-2025	Propane Line	Pump No. - 101 A Discharge Line	Flange	0.0	1	100	0.000000	9185	0
1500	24-09-2025	Propane Line	Pump No. - 101 A Discharge Line	Flange	0.0	1	100	0.000000	9186	0
1501	24-09-2025	Propane Line	Pump No. - 101 A Discharge Line	Valve	0.0	1	100	0.000000	9187	0
1502	24-09-2025	Propane Line	Pump No. - 101 A Discharge Line	Flange	0.0	1	100	0.000000	9188	0
1503	24-09-2025	Propane Line	Pump No. - 101 A Discharge Line	Flange	0.0	1	100	0.000000	9189	0
1504	24-09-2025	Propane Line	Pump No. - 101 A Discharge Line	Flange	0.0	1	100	0.000000	9190	0
1505	24-09-2025	Propane Line	Pump No. - 101 A Suction Line	Flange	0.0	1	100	0.000000	9191	0
1506	24-09-2025	Propane Line	Pump No. - 101 A Suction Line	Flange	0.0	1	100	0.000000	9192	0
1507	24-09-2025	Propane Line	Pump No. - 101 A Suction Line	Flange	0.0	1	100	0.000000	9193	0
1508	24-09-2025	Propane Line	Pump No. - 101 A Suction Line	Flange	0.0	1	100	0.000000	9194	0
1509	24-09-2025	Propane Line	Pump No. - 101 A Suction Line	Flange	0.0	1	100	0.000000	9195	0
1510	24-09-2025	Propane Line	Pump No. - 101 A Suction Line	Flange	0.0	1	100	0.000000	9196	0
1511	24-09-2025	Propane Line	Pump No. - 101 A Suction Line	Flange	0.0	1	100	0.000000	9197	0
1512	24-09-2025	Propane Line	Pump No. - 101 A Suction Line	Flange	0.0	1	100	0.000000	9198	0
1513	24-09-2025	Propane Line	Pump No. - 101 A Suction Line	Flange	0.0	1	100	0.000000	9199	0
1514	24-09-2025	Propane Line	Pump No. - 101 A Suction Line	Flange	0.0	1	100	0.000000	9200	0
1515	24-09-2025	Propane Line	Pump No. - 101 A Suction Line	Flange	0.0	1	100	0.000000	9201	0
1516	24-09-2025	Propane Line	Pump No. - 101 A Suction Line	Valve	0.0	1	100	0.000000	9202	0
1517	24-09-2025	Propane Line	Pump No. - 101 A Suction Line	Flange	0.0	1	100	0.000000	9203	0
1518	24-09-2025	Propane Line	Pump No. - 101 A Suction Line	Flange	0.0	1	100	0.000000	9204	0
1519	24-09-2025	Propane Line	Pump No. - 101 A Suction Line	Flange	0.0	1	100	0.000000	9205	0
1520	24-09-2025	Propane Line	Pump No. - 101 A Suction Line	Flange	0.0	1	100	0.000000	9206	0
1521	24-09-2025	Propane Line	Pump No. - 101 A Suction Line	Flange	0.0	1	100	0.000000	9207	0
1522	24-09-2025	Propane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9208	0
1523	24-09-2025	Propane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9209	0
1524	24-09-2025	Propane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9210	0
1525	24-09-2025	Propane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9211	0
1526	24-09-2025	Propane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9212	0
1527	24-09-2025	Propane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9213	0
1528	24-09-2025	Propane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9214	0
1529	24-09-2025	Propane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9215	0
1530	24-09-2025	Propane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9216	0
1531	24-09-2025	Propane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9217	0
1532	24-09-2025	Propane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9218	0
1533	24-09-2025	Propane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9219	0
1534	24-09-2025	Propane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9220	0
1535	24-09-2025	Propane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9221	0
1536	24-09-2025	Propane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9222	0
1537	24-09-2025	Propane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9223	0
1538	24-09-2025	Propane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9224	0
1539	24-09-2025	Propane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9225	0
1540	24-09-2025	Propane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9226	0
1541	24-09-2025	Propane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9227	0
1542	24-09-2025	Propane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9228	0
1543	24-09-2025	Propane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9229	0
1544	24-09-2025	Propane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9230	0
1545	24-09-2025	Propane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9231	0
1546	24-09-2025	Propane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9232	0
1547	24-09-2025	Propane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9233	0
1548	24-09-2025	Propane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9234	0
1549	24-09-2025	Propane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9235	0
1550	24-09-2025	Propane Line	Pressure Gauge Line	Flange	0.0	1	100	0.000000	9236	0

Annexure-8

Treated Effluent Water Quality Report

IndianOil

INDIAN OIL CORPORATION LIMITED

PARADIP REFINERY

QUALITY CONTROL LABORATORY

TEST REPORT

TC-7180

Source of sample: ETP to Sea Discharge (HCOD) Outlet | **Method of collection: IS 3025 P:1**

Sample drawn by: Production | **Report No: PDR/QC/MINAS/2025-2026/Q1-Q2**

Date of Sample:

Sl No	Parameters	Test Method	UoM	Limits : MINAS	21.04.2025	18.05.2025	18.06.2025	17.07.2025	18.08.2025	25.09.2025
					Sea Discharge (HCOD Outlet)					
1	pH	APHA 4500 H^+B	...	6.0 -8.5	7.5	6.8	7.1	7.1	6.9	7.6
2	Oil & Grease	APHA 5520 D	mg/l	Max 5	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
3	BOD, 3days @ 27°C	IS 3025 (P:44)	mg/l	Max 15	6	7	9	10	11	6
4	COD	APHA 5220 B	mg/l	Max 125	54	60	75	85	92	51
5	Total Suspended Solid	APHA 2540 D	mg/l	Max 20	<2.5	10	16	16	12	<2.5
6	Phenols	APHA 5530 B&D	mg/l	Max 0.35	0.05	0.05	0.07	0.08	0.06	0.04
7	Sulphides	APHA 4500 S^{-2} F	mg/l	Max 0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
8	CN	APHA 4500 CN^-C&D	mg/l	Max 0.2	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
9	Ammonia as N	APHA 4500 NH_3 B&F	mg/l	Max 15	4.9	2.3	3.3	3.6	3.7	3.3
10	TKN	APHA 4500 N org B	mg/l	Max 40	17.4	15	8.4	8.2	10.4	8.1
11	Phosphorus as P	APHA 4500 P D	mg/l	Max 3	0.015	0.001	0.024	0.015	0.013	0.014
12	Cr (Hexavalent)	APHA3500 Cr B	mg/l	Max 0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
13	Cr (Total)	APHA3030E &3111 B	mg/l	Max 2	<0.001	<0.001	0.001	0.001	<0.001	<0.001
14	Pb	APHA3030E &3111 B	mg/l	Max 0.1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
15	Hg	APHA3030E &3112 B/ APHA 3125	mg/l	Max 0.01	<0.001	<0.001	<0.001	0.004	<0.001	0.003
16	Zn	APHA 3030E &3111 B	mg/l	Max 5	0.003	0.009	0.004	0.003	0.002	0.004
17	Ni	APHA 3030E &3111 B	mg/l	Max 1	0.001	0.003	0.006	0.004	0.005	0.004
18	Cu	APHA 3030E &3111 B	mg/l	Max 1	0.001	0.008	0.003	0.005	0.003	0.005
19	V	APHA3030E &3111 B&D	mg/l	Max 0.2	<0.001	<0.001	<0.001	0.004	<0.001	0.003
20	Benzene	APHA 6200	mg/l	Max 0.1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
21	Benzo(a)-pyrene	APHA 6440	mg/l	Max 0.2	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

Note: 1. Customer Information: Indian Oil Corporation Limited, Paradip Refinery, Production/HSE Department.
2. Sample details: Sample submitted by customer and received as such. Information provided with the sample may affect validity of results.
3. The results relate only to the samples submitted/ as received unless otherwise stated.
4. All tests/analyses performed at PDR Quality Control Laboratory as per applicable test methods, unless otherwise stated without any deviations to test method.
5. Customer confidential information shall be maintained as per customer agreement, if any.
6. This report shall not be produced except in full, without the written approval of Quality Control Laboratory, Paradip Refinery.
7. All test methods referred to in this certificate include a precision statement. The interpretation of results based on test method/ precision shall be used whenever applicable.
8. Laboratory Environmental Condition: 23±2 °C and 65 ± 10 %RH.

Dr. RC Sahu (QCM)

Annexure-9

Ground Water Quality Report

IndianOil

Indian Oil Corporation Limited
Paradip Refinery
Quality Control Laboratory

TC-7180

Source of sample: Ground Water: Secure Landfill (SLF), ETP	Method of collection: IS 3025 P:1
Sample drawn by: Production/HSE	Report No: PDR/QC/Ground Water/2025-26/Q1-Q2
Date of Sample:	18.06.2025 / 19.09.2025

S. No.	Parameters	Method	UOM	SLF-1	SLF-2	SLF-3	SLF-1	SLF-2	SLF-3
1	pH (at 25°C)	APHA 4500 H^+B	NA	8.0	8.6	9.5	9.7	7.0	6.9
2	Oil and Grease	APHA 5520 D	mg/L	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
3	BOD 3 Days	IS 3025 (P:44)	mg/L	3	3	4	5	4	4
4	COD	APHA 5220 B	mg/L	31	30	34	42	35	32
5	Phenol	APHA 5530 B&D	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
6	Sulphide	APHA 4500 S^{-2} F	mg/L	<0.1	<0.1	<0.1	<0.10	<0.10	<0.10
7	Cyanide(CN-)	APHA 4500 CN^- C&D	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
8	Ammonical Nitrogen	APHA 4500 NH_3 B&F	mg/L	0.12	0.10	0.15	0.22	0.18	0.16
9	Amonia(NH3)		mg/L	0.15	0.12	0.18	0.27	0.22	0.19
10	TKN	APHA4500 Norg B	mg/L	0.2	0.2	0.3	0.5	0.3	0.2
11	Phosphate	APHA 4500 P D	mg/L	0.4	0.2	0.5	1.9	2.0	1.7
12	Cr (VI)	APHA3500 Cr B	mg/L	<0.1	<0.1	<0.1	<0.1	<0.10	<0.1
13	Chromium (Cr)	APHA3030E & 3111B/ APHA 3125	mg/L	<0.001	0.001	<0.001	<0.001	0.001	<0.001
14	Lead(Pb)		mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
15	Mercury(Hg)	APHA3112B/3125	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
16	Znic(Zn)	APHA 3030E &3111B/ APHA 3125	mg/L	0.030	0.211	0.105	0.025	0.185	0.055
17	Nickel(Ni)		mg/L	0.001	0.003	0.002	0.001	0.004	0.002
18	Copper(Cu)		mg/L	0.003	0.004	0.004	0.004	0.002	0.003
19	Vanadium(V)		mg/L	<0.001	0.002	0.002	<0.001	0.002	0.002
20	Benzene in Water	APHA 6200	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
21	Benzo Pyrene	APHA 6440	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
22	Conductivity (at 25°C)	APHA 2510	µS/cm	493	213	1674	2140	2180	2050
23	Total Hardness	APHA 2340	mg/L	69	33	126	203	218	208
24	Turbidity	APHA 2130	NTU	1.9	0.5	0.5	2.5	3.9	2.4
25	Alkalinity	APHA 2310	mg/L	11.6	7.8	30.6	38.6	44.9	42.9

1. Customer Information: Indian Oil Corporation Limited, Paradip Refinery, Production/HSE Department.
2. Sample details: Sample submitted by customer and received as such. Information provided with the sample may affect validity of results.
3. The results relate only to the samples submitted/ as received unless otherwise stated.
4. All tests/analyses performed at PDR Quality Control Laboratory as per applicable test methods, unless otherwise stated without any deviations to test method.
5. Customer confidential information shall be maintained as per customer agreement, if any.
6. This report shall not be produced except in full, without the written approval of Quality Control Laboratory, Paradip Refinery.
7. All test methods referred to in this certificate include a precision statement. The interpretation of results based on test method/ precision shall be used whenever applicable.
8. Laboratory Environmental Condition: 23±2 °C and 65 ± 10 %RH.

Dr. RC Sahu (QCM)

Annexure-10

Occupational Health Report

10. Occupational Health: (Submission separately by Medical Dept.)

a) Number of workers exposed beyond permissible limits of exposure of chemical and toxic substances specified in section 41-E (Second Schedule) of Factories Act 1948.

Unit/Installations with Location	Substance	Permissible limits of exposure as per Second Schedule (section 41-E) of Factories Act 1948		Number of workers exposed beyond permissible limit
		TWA (ppm, mg/m3)	STEL (ppm, mg/m3)	
-	H2S	10	15	NIL
	CO	35	400	NIL

Status of Periodic Medical Examination for workers exposed beyond permissible limits of chemical and toxic substances as mentioned above.

Number of workers for whom periodic medical examination planned during the year(2025-26)	Number of workers for whom periodic medical examination done during the quarter	% Overall Compliance
Units (Target annual)-372 Production-239 P & U-72 Mech. Maintenance-34 Instrumentation-27	1st &2nd quarter 159 66 32 21	74.73%

b) Number of workers exposed to sound levels beyond maximum exposure levels stipulated in the Factory Rules.

Unit/Installation with Location	Maximum exposure level stipulated in the Factory Rule	Number of workers exposed to sound levels beyond maximum exposure levels stipulated in Factory Rules.
Production P & U Mech. Maintenance Instrumentation	TWA-90dbA STEL-115dbA	NIL

c) Status of Auditory Examination of the workers as identified above.

Number of workers for whom Auditory Examination planned during the year 2025-26 (1st &2nd Quarter)	Number of workers for whom Auditory Examination done during the quarter	% Overall Compliance
P & U -72 Mech. Maintenance -34	66 32	92.45%

b) Notified disease as per Section 89 of Factories Act, 1948

Unit/Installation with location	Name of disease as per "Third Schedule' of Factories Act.	Number of workers identified	Date of intimation to the Factory Inspectorate
-	NIL	-	-
-	NIL	-	-

Occupational Health Physician

DR. ASHOK KUMAR
20/10/25

अतिरिक्त मुख्य चिकित्सा अधिकारी
Additional Chief Medical Officer
पारादीप रिफाइनरी (इंडियन ऑयल)
Paradip Refinery (IndianOil)
पारादीप (Odisha)

Annexure-11

Marine Water Quality Report

Table: 26

Ref: SV/IOCL-P/25-08/26 **Date: 09-09-2025**

NAME AND ADDRESS	:	**M/s. INDIAN OIL CORPORATION LIMITED, Paradip Refinery Jhimani, Jagatsinghipur District Odisha-754141.**
SAMPLE PARTICULARS	:	**MARINE WATER**
SOURCE OF COLLECTION	:	SOUTH OIL JETTY
SAMPLE COLLECTED BY	:	MUNARAJ SWAIN (SV ENVIRO LABS & RESEARCH PVT LTD)
SAMPLE CODE	:	SV/25/4797 & 4798
DATE OF SAMPLING	:	16-08-2025
DATE OF SAMPLE RECEIVED AT LAB	:	18-09-2025
START DATE OF ANALYSIS	:	18-08-2025
END DATE OF ANALYSIS	:	23-08-2025

TEST REPORT

S.No	Parameter	Unit	Result		METHOD
			Surface	Bottom	
1.	pH	-	7.54	7.78	APHA, 4500-H+B
2.	Turbidity	NTU	7.0	18.0	APHA, 2130-B,
3.	Suspended Solids	mg/l	58.0	94.0	APHA, 2540-D,
4.	Colour	Hazen	4.0	9.0	APHA, 2120-C,
5.	Odour	-	Agreeable	Agreeable	APHA, 2150,
6.	Oil & Grease	mg/l	<1.0	<1.0	APHA 4500 N org B & F
7.	TOC	ppt	4.26	5.42	APHA, 5310-D
8.	BOD (3days at 27^0 C)	mg/l	13.0	19.0	IS:3025 (Part-44)
9.	Dissolved oxygen	mg/l	5.2	3.9	APHA, 4500-C
10.	Phenolic Compounds as C_6H_5OH	mg/l	<0.005	<0.005	APHA 5530-C
11.	Sulphide (as S)	mg/l	<0.1	<0.1	APHA, 4500S2D
12.	Mercury as Hg	mg/l	<0.001	<0.001	APHA, 3120-B
13.	Lead as Pb	mg/l	<0.005	<0.005	APHA, 3120-B
14.	Cadmium as Cd	mg/l	<0.005	<0.005	APHA, 3120-B
15.	Zinc as Zn	mg/l	0.23	0.34	APHA, 3120-B
16.	Dissolved Iron	mg/l	0.42	0.61	APHA, 3120-B
17.	Dissolved Manganese	mg/l	0.06	0.18	APHA, 3120-B
18.	Floating Materials	mg/l	7.0	23.0	APHA, 2540-D
19.	Petroleum hydrocarbons	µg/l	0.52	0.64	USEPA 3510 C & 8100

AUTHORIZED SIGNATORY

Ref: SV/IOCL-P/25-08/27 **Date: 09-09-2025**

NAME AND ADDRESS	:	**M/s. INDIAN OIL CORPORATION LIMITED, Paradip Refinery Jhimani, Jagatsinghipur District Odisha-754141.**
SAMPLE PARTICULARS	:	**MARINE WATER**
SOURCE OF COLLECTION	:	3KMS INSIDE SEA FROM THE LTL
SAMPLE COLLECTED BY	:	MUNARAJ SWAIN (SV ENVIRO LABS & RESEARCH PVT LTD)
SAMPLE CODE	:	SV/25/4799 & 4800
DATE OF SAMPLING	:	16-08-2025
DATE OF SAMPLE RECEIVED AT LAB	:	18-09-2025
START DATE OF ANALYSIS	:	18-08-2025
END DATE OF ANALYSIS	:	23-08-2025

TEST REPORT

S.No	Parameter	Unit	Result		METHOD
			Surface	Bottom	
1.	pH	-	7.69	7.86	APHA, 4500-H+B
2.	Turbidity	NTU	13.0	23.0	APHA, 2130-B,
3.	Suspended Solids	mg/l	140	169	APHA, 2540-D,
4.	Colour	Hazen	7.0	9.0	APHA, 2120-C,
5.	Odour	-	Agreeable	Agreeable	APHA, 2150,
6.	Oil & Grease	mg/l	<1.0	<1.0	APHA 4500 N org B & F
7.	TOC	ppt	6.93	7.84	APHA, 5310-D
8.	BOD (3days at 27^0 C)	mg/l	18.0	22.0	IS:3025 (Part-44)
9.	Dissolved oxygen	mg/l	5.0	3.3	APHA, 4500-C
10.	Phenolic Compounds as C_6H_5OH	mg/l	<0.005	<0.005	APHA 5530-C
11.	Sulphide (as S)	mg/l	<0.1	<0.1	APHA, 4500S2D
12.	Mercury as Hg	mg/l	<0.001	<0.001	APHA, 3120-B
13.	Lead as Pb	mg/l	<0.005	<0.005	APHA, 3120-B
14.	Cadmium as Cd	mg/l	<0.005	<0.005	APHA, 3120-B
15.	Zinc as Zn	mg/l	0.47	0.65	APHA, 3120-B
16.	Dissolved Iron	mg/l	0.92	1.08	APHA, 3120-B
17.	Dissolved Manganese	mg/l	0.29	0.40	APHA, 3120-B
18.	Floating Materials	mg/l	15.0	32.0	APHA, 2540-D
19.	Petroleum hydrocarbons	µg/l	0.74	0.85	USEPA 3510 C & 8100

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Table: 28

SOURCE OF COLLECTION : SOUTH OIL JETTY

Biological Parameters					
S.No	PARAMETERS	UNITS	RESULTS		METHODS
			Surface	Bottom	
1	Primary Productivity	mg C/m^3/hr	6.73	6.62	APHA 10300 D
2	Total Biomass	ml /100m^3	8.11	8.46	APHA 10200 I
3	Fecal Coliforms	MPN/100ml	160	110	IS 1622

Table: 29

SOURCE OF COLLECTION : 3KMS INSIDE SEA FROM THE LTL

Biological Parameters					
S.No	PARAMETERS	UNITS	RESULTS		METHODS
			Surface	Bottom	
1	Primary Productivity	mg C/m^3/hr	6.44	6.29	APHA 10300 D
2	Total Biomass	ml /100m^3	9.26	9.57	APHA 10200 I
3	Fecal Coliforms	MPN/100ml	110	90	IS 1622

Table: 30

SOURCE OF COLLECTION : SOUTH OIL JETTY

S.No	SPECIES	UNITS	ZOOPLANKTON RESULTS		METHODS
			Surface	Bottom	
Group : Decapoda					
1	Brachyuran larvae	nos/ltr	610	810	APHA 24th Edition 10200 G
2	Zoea larvae	nos/ltr	890	1890	
3	Schizopod larvae	nos/ltr	-	-	
4.	Protozoa of A.indicus	nos/ltr	84	160	
5.	Post larvae of P.indicus	nos/ltr	-	-	
6.	A. caridean	nos/ltr	02	13	
Group :Copepod					
7	Copepods	nos/ltr	48710	54240	
Group :Cumaceae					
8	Cumaceae	nos/ltr	88	140	
Group :Sergestidae					
9	Lucifer Sps.	nos/ltr	140	480	
10	Isopoda	nos/ltr	24	56	
11	Euphausidacae (furcilla)	nos/ltr	-	-	
12	Nematoda	nos/ltr	90	130	
13	Fish egg	nos/ltr	360	440	
14	Phyllosoma larvae	nos/ltr	30	120	
15	Bippinaria larvae	nos/ltr	-	-	
16	Actinotrocha larvae	nos/ltr	-	-	
17	Polychaeta's	nos/ltr	240	480	
18	Echinoderm larvae	nos/ltr	1158	1870	
19	Mysids	nos/ltr	380	640	
20	Gastrapod larvae	nos/ltr	70	120	

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Table: 31

SOURCE OF COLLECTION : 3KMS INSIDE SEA FROM THE LTL

S.No	SPECIES	UNITS	ZOOPLANKTON RESULTS		METHODS
			Surface	Bottom	
Group : Decapoda					
1	Brachyuran larvae	nos/ltr	1010	1258	APHA 24th Edition 10200 G
2	Zoea larvae	nos/ltr	2889	3210	
3	Schizopod larvae	nos/ltr	-	-	
4.	Protozoa of A.indicus	nos/ltr	112	230	
5.	Post larvae of P.indicus	nos/ltr	-	-	
6.	A. caridean	nos/ltr	08	50	
Group :Copepod					
7	Copepods	nos/ltr	59890	66650	
Group :Cumaceae					
8	Cumaceae	nos/ltr	205	420	
Group :Sergestidae					
9	Lucifer Sps.	nos/ltr	680	760	
10	Isopoda	nos/ltr	32	66	
11	Euphausidacae (furcilla)	nos/ltr	-	-	
12	Nematoda	nos/ltr	136	220	
13	Fish egg	nos/ltr	254	310	
14	Phyllosoma larvae	nos/ltr	110	140	
15	Bippinaria larvae	nos/ltr	-	-	
16	Actinotrocha larvae	nos/ltr	-	-	
17	Polychaeta's	nos/ltr	780	1260	
18	Echinoderm larvae	nos/ltr	2050	2510	
19	Mysids	nos/ltr	940	1390	
20	Gastrapod larvae	nos/ltr	42	90	

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Table: 32

SOURCE OF COLLECTION : SOUTH OIL JETTY

S.No	SPECIES	UNITS	PHYTOPLANKTON RESULTS		METHODS
			Surface	Bottom	
Group : Bacillariophyta					
1	Bacteriastrum Varians	nos/ml	31	66	APHA 24th Edition 10200 F
2	Chaetoceros Didymus	nos/ml	42	71	
3	Chaetoceros Decipiens	nos/ml	14	19	
4	BiddulphiaMobiliensis	nos/ml	24	52	
5	Ditylumbrightwellii	nos/ml	Nil	Nil	
6	Gyrosigmasp	nos/ml	05	14	
7	Cladophyllsp	nos/ml	Nil	Nil	
8	Coscinodiscuscentralis	nos/ml	21	36	
9	Coscinodiscusgranii	nos/ml	26	37	
10	Cylcotellasp	nos/ml	Nil	Nil	
11	Hemidiscushardmanianus	nos/ml	49	78	
12	Lauderiaannulata	nos/ml	32	39	
13	Pyrophacushorologium	nos/ml	Nil	Nil	
14	Pleurosigmaangulatum	nos/ml	Nil	Nil	
15	Leptocylindrusdanicus	nos/ml	29	11	
16	Guinardiaflaccida	nos/ml	Nil	Nil	
17	Rhizosoleniaalata	nos/ml	13	41	
18	Rhizosoleniaimbricata	nos/ml	Nil	Nil	
19	Rhizosoleniasemispina	nos/ml	37	69	
20	Thalassionemanitzschioides	nos/ml	23	37	
21	Triceratiumreticulatum	nos/ml	Nil	Nil	
Group : Dinophyceae					
22	Ceratiumtrichoceros	nos/ml	10	24	
23	Ceratiumfurca	nos/ml	22	58	
24	Ceratiummacroceros	nos/ml	05	19	
25	Ceraciumlongipes	nos/ml	03	10	
Group : Golden Algae (.....Chrysophyta)					
26	Distephenus speculum	nos/ml	17	28	
Group : Blue Green Algae(Cyanophyta)					
27	Trichodesmiumerythraeum	nos/ml	15	39	

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Table: 33

SOURCE OF COLLECTION : 3KMS INSIDE SEA FROM THE LTL

S.No	SPECIES	UNITS	PHYTOPLANKTON RESULTS		METHODS
			Surface	Bottom	
Group : Bacillariophyta					
1	Bacteriastrum Varians	nos/ml	52	78	APHA 24th Edition 10200 F
2	Chaetoceros Didymus	nos/ml	63	52	
3	Chaetoceros Decipiens	nos/ml	26	49	
4	BiddulphiaMobiliensis	nos/ml	48	71	
5	Ditylumbrightwellii	nos/ml	Nil	Nil	
6	Gyrosigmasp	nos/ml	19	26	
7	Cladophyllsp	nos/ml	Nil	Nil	
8	Coscinodiscuscentralis	nos/ml	29	45	
9	Coscinodiscusgranii	nos/ml	41	69	
10	Cylcotellasp	nos/ml	Nil	Nil	
11	Hemidiscushardmanianus	nos/ml	62	80	
12	Lauderiaannulata	nos/ml	24	35	
13	Pyrophacushorologium	nos/ml	Nil	Nil	
14	Pleurosigmaangulatum	nos/ml	Nil	Nil	
15	Leptocylindrusdanicus	nos/ml	17	33	
16	Guinardiaflaccida	nos/ml	Nil	Nil	
17	Rhizosoleniaalata	nos/ml	24	48	
18	Rhizosoleniaimbricata	nos/ml	Nil	Nil	
19	Rhizosoleniasemispina	nos/ml	58	72	
20	Thalassionemanitzschioides	nos/ml	28	50	
21	Triceratiumreticulatum	nos/ml	Nil	Nil	
Group : Dinophyceae					
22	Ceratiumtrichoceros	nos/ml	18	34	
23	Ceratiumfurca	nos/ml	39	58	
24	Ceratiummacroceros	nos/ml	11	16	
25	Ceraciumlongipes	nos/ml	08	12	
Group : Golden Algae (.....Chrysophyta)					
26	Distephenus speculum	nos/ml	21	32	
Group : Blue Green Algae(Cyanophyta)					
27	Trichodesmiumerythraeum	nos/ml	32	45	

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Table: 34

SOURCE OF COLLECTION : SOUTH OIL JETTY

S.No	PARAMETER	UNITS	SEDIMENT RESULTS		METHODS
			Surface	Bottom	
1	Sand	%	64	71	SV/Lab/SOP/S&S-005
2	Silt	%	32	22	
3	Clay	%	4	7	

Table: 35

SOURCE OF COLLECTION : 3KMS INSIDE SEA FROM THE LTL

S.No	PARAMETER	UNITS	SEDIMENT RESULTS		METHODS
			Surface	Bottom	
1	Sand	%	52	58	SV/Lab/SOP/S&S-005
2	Silt	%	39	31	
3	Clay	%	9	11	

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Annexure-12

Noise Survey Report

NOISE MONITORING DATA APRIL 2025					
Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
1	AVU	P3 A/B	15	115	95.3
		P22 A/B	15	115	101.7
		P25 A/B	15	115	100.3
		KM 04 A/B	15	115	85.2
		P7 A/B	15	115	98.1
		P2 A/B	15	115	90.5
		Compressor House	15	115	93.8
		P13 A/B	15	115	90.7
		P10 A/B	15	115	95.5
		P30 A/B	15	115	99.4
		F 101	15	115	92.3
		F-002	15	115	89.3
		KM 01A/B	15	115	91.7
		P7 C	15	115	97.5

NOISE MONITORING DATA APRIL 2025					
Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
2	SRU	089 KM 1	15	115	99.8
		089 PM 003 B	15	115	97.6
		088 K 001	15	115	95.1
		087 V 001	15	115	90.8
		087 WHB 001	15	115	93.9
		087 Sulphur Pit	15	115	95.1
		087 E 003	15	115	89.5
		086 E 003	15	115	86.3
		086 K 001	15	115	98.3
		085 Pump	15	115	100.2
		84P01 A	15	115	85.6
		83P01 B	15	115	99.6
		087 K 001	15	115	101.5

NOISE MONITORING DATA APRIL 2025					
Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
3	ETP	Aeration Blower	15	115	96.6
		230 Air Compressor	15	115	84.5

for
Occupational Health Physician

डॉ. शीना कृष्णन
DR. SHEENA KRISHNAN
सहायक प्रबंधक (चिकित्सा)
Assistant Manager Medical (O&G Spl.)
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Paradip Refinery (IndianOil)
पारादीप / Paradip - 754141 (Odisha)

06/05/25

Nibedita Nayak.
Industrial Hygienist

INDUSTRIAL HYGIENIST
VKPRMS HOSPITAL
Paradip Refinery

NOISE MONITORING DATA APRIL 2025					
Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
4	DHDT	RGC AREA	15	115	98.9
		HCDS Compressor Area	15	115	93.7

NOISE MONITORING DATA APRIL 2025					
Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
5	ROG-PSA	ROG COMPRESSOR AREA	15	115	98.5
		FG COMPRESSOR AREA	15	115	99.2

NOISE MONITORING DATA APRIL 2025					
Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
6	VGO-HDT	RGC AREA	15	115	99.7
		Atmospheric Column bottom Pump P12 RESIDUE	15	115	89.1
		MHC Feed Pumps-020 P1 A/B	15	115	93.5
		Wash Water Pumps-020 P2 A/B	15	115	90.6
		VGO Wash Pumps- 020 P3 A/B	15	115	94.2
		HDT Feed Pumps-020 P16 A/B	15	115	98.2
		Atmospheric Column Furnace FD Fans-020 KM 2A	15	115	87.3
		HP Amine Pump-020 P19 B	15	115	90.8
		Atmospheric Column Furnace-020 F 001	15	115	98.2

for
Occupational Health Physician
06/05/25
डॉ. शीना कृष्णन
DR.SHEENA KRISHNAN
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[illegible] (इंडियनऑयल)
[illegible] Refinery (IndianOil)
[illegible] (Odisha)

Nibedita Nayak
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INDUSTRIAL HYGIENIST
VKPRMS HOSPITAL
Paradip Refinery.

NOISE MONITORING DATA APRIL 2025					
Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
7	DCU	30 P45 B	15	115	92.8
		30 P7 A	15	115	86.1
		30 P13 A/B	15	115	90.3
		30 P1 A/B	15	115	94.7
		30 P11 A/B	15	115	92.4
		Compressor House GF	15	115	98.8
		30 C 008	15	115	85.2
		CHS Coke Yard	15	115	89.8
		RRLS Silo Building	15	115	71.5
		Bitumen Loading station	15	115	98.4
		72m CDS	15	115	86.7
		030-F-001	15	115	88.2
		030-F-002	15	115	86.8

NOISE MONITORING DATA APRIL 2025					
Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
8	CPP	GT 1	15	115	97.2
		GT 3	15	115	90.6
		Boiler 2	15	115	89.9
		Pump House	15	115	94.2
		BFP Building	15	115	101.4
		CPP Building Entrance	15	115	79.6
		HRSG 3	15	115	89.5
		UB Operator Cabin	15	115	65.7
		UB-1 & 2 Area	15	115	88.1
		New GIS (Outside)	15	115	80.8
		HHP Steam line spectacle blind Area	15	115	102.3
		UB-5 HHP Steam Header	15	115	82.1

for
Occupational Health Physician
06/05/25.

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Paradip Refinery (IndianOil)
[illegible]

NOISE MONITORING DATA APRIL 2025					
Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
9	Polypropylene Area	72-KM-901 A/B/C	15	115	91.2
		73-KM-901 A/B/C	15	115	95.6
		72-KM-804 A/B	15	115	89.7
		72-KM-801 A/B	15	115	94.3
		73-KM-801 A/B	15	115	95.1
		73-KM-804 A/B	15	115	91.8
		72-KM-301	15	115	86.9
		73-KM-301	15	115	89.3
		71-KM-601	15	115	88.5
		Extruder Area ground floor	15	115	96.1
		Powder conveying comp. line-1	15	115	92.3
		Powder conveying comp. line-2	15	115	98.4
		Pellet conveying comp. Area	15	115	90.2
		Dryer blower Area in PP line-1	15	115	87.3
		Dryer blower Area in PP line-1	15	115	90.3

NOISE MONITORING DATA APRIL 2025					
Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
10	MEG/ERU	RGC Compressor House	15	115	96.2
		RGC Discharge piping	15	115	91.5
		RGC Motor (061-KM-115)	15	115	93.0
		RGC Suction & Discharge piping	15	115	89.7
		EO Reactor	15	115	85.5
		Carbonate Solution pump (061-PM-2204)	15	115	92.6
		BFW Pump (061-PM-920A)	15	115	86.3
		Cycle water Pump (061-PM-312A)	15	115	94.1
		C-531 Column	15	115	89.8
		LP Condensate line near E-930	15	115	85.4
		061-KM-320	15	115	93.7
		OH gas line near V-101	15	115	90.3
		BRC Compressor House	15	115	87.5
		FGC Motor	15	115	94.7
		BRC Turbine	15	115	92.3
		V-104	15	115	87.5
		Cold Box First floor	15	115	93.2

for
Occupational Health Physician
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754141 (Odisha)
06/05/25

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INDUSTRIAL HYGIENIST
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Paradip Refinery.

NOISE MONITORING DATA APRIL 2025					
Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
11	FCCU	Reactor Resior	15	115	95.2
		Near J-Bend & CKN CV (Coke Naphtha)	15	115	100.0
		Bottom Pump P 10A/B/C (A,C - Run)	15	115	96.1
		Furnace Area (Inline)	15	115	89.3
		ID Fan Area (Run)	15	115	85.2
		FD Fan Area (Run)	15	115	88.7
		023 P 14 (Run)	15	115	95.5
		023 P 18 (Run)	15	115	100.1
		023 P 02 Back of P18	15	115	100.4
		023 P 001 A (Run)	15	115	99.3
		023 P 28A (Run)	15	115	96.7
		V 10,11,13	15	115	92.3
		WGC KOD V12 Vessel GF	15	115	93.1
		WGC Compressor PF	15	115	100.2
		WGC Near Surface Condenser	15	115	96.5
		MAB GF NEAR Turbine Valve	15	115	96.8
		MAB PF (Compressor) Turning Gear	15	115	101.5
		PRT Turbine LO Pump	15	115	89.8
		PRT Expander Area	15	115	91.3
		Seal Air Blower 23-KM-2131A (Run)	15	115	97.3
		Flue Gas Cooler (23-FGC-001) Area	15	115	92.2
		PRU-VRC(70-K-1001) Compressor platform	15	115	98.7
		LPG Treatment unit (26-K-001(A/B/C) air compressor house	15	115	99.8

NOISE MONITORING DATA APRIL 2025					
Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
12	Alkylation_Butamer	24K001 COMPRESSOR	15	115	103.6
		24/P15/PV200	15	115	93.8
		24 P109 B	15	115	96.8
		24R101 Reactor Area	15	115	98.6
		DIOS AREA 24P1A	15	115	92.3
		Product pump area 24 P11A	15	115	94.3
		Butamer feed pump 25-P-1A	15	115	96.7

for
Occupational Health Physician
06/05/25

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NOISE MONITORING DATA APRIL 2025					
Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
13	SARU	SARU Blower 28K05 Area	15	115	98.6
		SARU Strong Acid area 28P05	15	115	86.6
		SARU Weak Acid area 28P01	15	115	90.1

NOISE MONITORING DATA APRIL 2025					
Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
14	KHDS	P-001A	15	115	90.8
		F-001	15	115	88.3
		K-001B	15	115	78.1
		P-002A	15	115	91.5
		P-004A	15	115	85.3
		Steam Vent	15	115	92.3
		AC-001	15	115	84.5
		AC-002	15	115	85.6
		Compressor Area	15	115	87.6
		Furnace Area(Inline)	15	115	81.8
		In between TS-1 & Compressor shed area	15	115	72.5
		TS-1 area ground floor	15	115	73.1
		TS-2 area ground floor	15	115	71.8

Occupational Health Physician

06/05/25

डॉ. शीना कृष्णन
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Nibedita Nayak
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INDUSTRIAL HYGIENIST
VKPRMS HOSPITAL
Paradip Refinery

AIR COMPRESSOR HOUSE NOISE MONITORING DATA					
Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
15	UCR (U-122)	Dryer-1	15	115	111.3
		Dryer-2	15	115	112.5
		Dryer-3	15	115	110.7
		Dryer-4	15	115	111.6

NOISE MONITORING DATA APRIL 2025					
Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
16	NHT-CCR	RU Compressor	15	115	94.7
		42 K4 Compressor	15	115	100.1
		42 K2 Compressor	15	115	98.8
		42 K3 Compressor	15	115	100.0
		42 K1 Compressor	15	115	95.5
		42 K2 Discharge	15	115	96.9
		42 AC 4C	15	115	98.1
		42 AC 4B	15	115	89.6
		42 AC 3A	15	115	95.3
		42 AC 1H	15	115	91.8
		42 AC 1A	15	115	98.4
		42 AC 7	15	115	87.2
		Near 041-P-05A/B & 041-P-03A/B	15	115	92.5

for Occupational Health Physician

06/05/25

डॉ. शीना कृष्णन
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Paradip Refinery.

TOXIC GAS MONITORING DATA FOR MONTH OF APRIL 2025

AVU			
Toxic Gas	STEL_Alarm_Std.	TWA Alarm_Std.	REAL_Peak_Obs.
LEL (%)	N/A	N/A	0.3
OXY (%)	N/A	N/A	20.9
H2S(ppm)	15	10	0.1
CO(ppm)	100	35	0
VOC(ppm)	25	10	1.5

SRU			
Toxic Gas	STEL_Alarm_Std.	TWA Alarm_Std.	REAL_Peak_Obs.
LEL(%)	N/A	N/A	0.5
OXY(%)	N/A	N/A	20.9
H2S(ppm)	15	10	0.1
CO(ppm)	100	35	0.2
VOC(ppm)	25	10	1.6

ETP			
Toxic Gas	STEL_Alarm_Std.	TWA Alarm_Std.	REAL_Peak_Obs.
LEL(%)	N/A	N/A	1.3
OXY(%)	N/A	N/A	20.9
H2S(ppm)	15	10	0
CO(ppm)	100	35	0.2
VOC(ppm)	25	10	3.1

DCU			
Toxic Gas	STEL_Alarm_Std.	TWA Alarm_Std.	REAL_Peak_Obs.
LEL(%)	N/A	N/A	1.5
OXY(%)	N/A	N/A	20.9
H2S(ppm)	15	10	0
CO(ppm)	100	35	0.2
VOC(ppm)	25	10	0.5

for
Occupational Health Physician
डॉ. शीना कृष्णन
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06/05/25

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Paradip Refinery.

DHDT			
Toxic Gas	STEL_Alarm_Std.	TWA Alarm_Std.	REAL_Peak_Obs.
LEL(%)	N/A	N/A	0.2
OXY(%)	N/A	N/A	20.9
H2S(ppm)	15	10	0
CO(ppm)	100	35	0.5
VOC(ppm)	25	10	0.3

VGO-HDT			
Toxic Gas	STEL_Alarm_Std.	TWA Alarm_Std.	REAL_Peak_Obs.
LEL(%)	N/A	N/A	0.1
OXY(%)	N/A	N/A	20.9
H2S(ppm)	15	10	0
CO(ppm)	100	35	0
VOC(ppm)	25	10	1.5

Alk_Butamer			
Toxic Gas	STEL_Alarm_Std.	TWA Alarm_Std.	REAL_Peak_Obs.
LEL(%)	N/A	N/A	0.3
OXY(%)	N/A	N/A	20.9
H2S(ppm)	15	10	0.5
CO(ppm)	100	35	1.3
VOC(ppm)	25	10	0

FCCU			
Toxic Gas	STEL_Alarm_Std.	TWA Alarm_Std.	REAL_Peak_Obs.
LEL(%)	N/A	N/A	0.1
OXY(%)	N/A	N/A	20.9
H2S(ppm)	15	10	0
CO(ppm)	100	35	0
VOC(ppm)	25	10	0.2

Occupational Health Physician
06/05/25
डॉ. शीना कृष्णन
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Paradip Refinery.

NHT-CCR			
Toxic Gas	STEL_Alarm_Std.	TWA Alarm_Std.	REAL_Peak_Obs.
LEL(%)	N/A	N/A	0.3
OXY(%)	N/A	N/A	20.9
H2S(ppm)	15	10	0
CO(ppm)	100	35	0
VOC(ppm)	25	10	1.5

for

Occupational Health Physician

06/05/25

डॉ. शीना कृष्णन
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Nibedita Nayak.
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Paradip Refinery.

NOISE MONITORING DATA MAY 2025					
Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
1	AVU	P3 A/B	15	115	96.2
		P22 A/B	15	115	100.3
		P25 A/B	15	115	101.4
		KM 04 A/B	15	115	85.3
		P7 A/B	15	115	98.2
		P2 A/B	15	115	90.7
		Compressor House	15	115	96.8
		P13 A/B	15	115	90.5
		P10 A/B	15	115	95.4
		P30 A/B	15	115	98.7
		F 101	15	115	91.9
		F-002	15	115	89.2
		KM 01A/B	15	115	90.6
		P7 C	15	115	98.5

NOISE MONITORING DATA MAY 2025					
Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
2	SRU	089 KM 1	15	115	99.7
		089 PM 003 B	15	115	98.5
		088 K 001	15	115	94.2
		087 V 001	15	115	93.5
		087 WHB 001	15	115	95.2
		087 Sulphur Pit	15	115	96.3
		087 E 003	15	115	89.7
		086 E 003	15	115	85.5
		086 K 001	15	115	90.4
		085 Pump	15	115	101.3
		84P01 A	15	115	85.8
		83P01 B	15	115	98.3
		087 K 001	15	115	100.5

NOISE MONITORING DATA MAY 2025					
Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
3	ETP	Aeration Blower	15	115	95.8
		230 Air Compressor	15	115	85.7

Occupational Health Physician

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Paradip Refinery.

Scanned with CamScanner

NOISE MONITORING DATA MAY 2025					
Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
4	DHDT	RGC AREA	15	115	99.2
		HCDS Compressor Area	15	115	92.5

NOISE MONITORING DATA MAY 2025					
Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
5	ROG-PSA	ROG COMPRESSOR AREA	15	115	97.5
		FG COMPRESSOR AREA	15	115	98.3

NOISE MONITORING DATA MAY 2025					
Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
6	VGO-HDT	RGC AREA	15	115	100.1
		Atmospheric Column bottom Pump P12 RESIDUE	15	115	92.2
		MHC Feed Pumps-020 P1 A/B	15	115	93.6
		Wash Water Pumps-020 P2 A/B	15	115	91.8
		VGO Wash Pumps- 020 P3 A/B	15	115	94.0
		HDT Feed Pumps-020 P16 A/B	15	115	98.8
		Atmospheric Column Furnace FD Fans-020 KM 2A	15	115	90.1
		HP Amine Pump-020 P19 B	15	115	89.1
		Atmospheric Column Furnace-020 F 001	15	115	98.5

Occupational Health Physician

डॉ. अशोक कुमार
Dr. ASHOK KUMAR
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Industrial Hygienist

Nibedita Nayak

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NOISE MONITORING DATA MAY 2025					
Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
7	DCU	30 P45 B	15	115	92.5
		30 P7 A	15	115	84.2
		30 P13 A/B	15	115	93.8
		30 P1 A/B	15	115	94.2
		30 P11 A/B	15	115	93.3
		Compressor House GF	15	115	99.7
		30 C 008	15	115	86.3
		CHS Coke Yard	15	115	90.4
		RRLS Silo Building	15	115	72.8
		Bitumen Loading station	15	115	98.2
		72m CDS	15	115	87.9
		030-F-001	15	115	88.3
		030-F-002	15	115	85.9

NOISE MONITORING DATA MAY 2025					
Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
8	CPP	GT 1	15	115	94.7
		GT 3	15	115	95.1
		Boiler 2	15	115	88.5
		Pump House	15	115	96.4
		BFP Building	15	115	100.2
		CPP Building Entrance	15	115	79.1
		HRSG 3	15	115	87.6
		UB Operator Cabin	15	115	65.4
		UB-1 & 2 Area	15	115	86.3
		New GIS (Outside)	15	115	80.9
		HHP Steam line spectacle blind Area	15	115	96.8
		UB-5 HHP Steam Header	15	115	82.2

Occupational Health Physician

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NOISE MONITORING DATA MAY 2025					
Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
9	Polypropylene Area	72-KM-901 A/B/C	15	115	93.6
		73-KM-901 A/B/C	15	115	83.8
		72-KM-804 A/B	15	115	90.5
		72-KM-801 A/B	15	115	96.9
		73-KM-801 A/B	15	115	95.3
		73-KM-804 A/B	15	115	90.7
		72-KM-301	15	115	87.2
		73-KM-301	15	115	87.6
		71-KM-601	15	115	88.3
		Extruder Area ground floor	15	115	96.2
		Powder conveying comp. line-1	15	115	94.8
		Powder conveying comp. line-2	15	115	97.5
		Pellet conveying comp. Area	15	115	90.0
		Dryer blower Area in PP line-1	15	115	89.5
		Dryer blower Area in PP line-1	15	115	90.2

NOISE MONITORING DATA MAY 2025					
Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
10	MEG/ERU	RGC Compressor House	15	115	95.5
		RGC Discharge piping	15	115	89.7
		RGC Motor (061-KM-115)	15	115	90.4
		RGC Suction & Discharge piping	15	115	91.3
		EO Reactor	15	115	83.6
		Carbonate Solution pump (061-PM-2204)	15	115	90.5
		BFW Pump (061-PM-920A)	15	115	89.4
		Cycle water Pump (061-PM-312A)	15	115	95.1
		C-531 Column	15	115	89.7
		LP Condensate line near E-930	15	115	85.9
		061-KM-320	15	115	90.2
		OH gas line near V-101	15	115	93.1
		BRC Compressor House	15	115	89.6
		FGC Motor	15	115	93.7
		BRC Turbine	15	115	91.5
		V-104	15	115	88.1
		Cold Box First floor	15	115	93.3

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NOISE MONITORING DATA MAY 2025					
Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
11	NHT-CCR	RU Compressor	15	115	89.5
		42 K4 Compressor	15	115	95.5
		42 K2 Compressor	15	115	98.9
		42 K3 Compressor	15	115	95.8
		42 K1 Compressor	15	115	92.9
		42 K2 Discharge	15	115	96.4
		42 AC 4C	15	115	98.5
		42 AC 4B	15	115	89.6
		42 AC 3A	15	115	95.4
		42 AC 1H	15	115	90.6
		42 AC 1A	15	115	99.0
		42 AC 7	15	115	87.3
		Near 041-P-05A/B & 041-P-03A/B	15	115	95.2

NOISE MONITORING DATA MAY 2025					
Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
12	FCCU	Reactor Resior	15	115	94.9
		Near J-Bend & CKN CV (Coke Naphtha)	15	115	101.2
		Bottom Pump P 10A/B/C (A,C - Run)	15	115	95.8
		Furnace Area (Inline)	15	115	88.4
		ID Fan Area (Run)	15	115	85.2
		FD Fan Area (Run)	15	115	86.8
		023 P 14 (Run)	15	115	94.4
		023 P 18 (Run)	15	115	100.0
		023 P 02 Back of P18	15	115	101.5
		023 P 001 A (Run)	15	115	98.7
		023 P 28A (Run)	15	115	95.8
		V 10,11,13	15	115	92.1
		WGC KOD V12 Vessel GF	15	115	94.2
		WGC Compressor PF	15	115	100.1
		WGC Near Surface Condenser	15	115	95.3
		MAB GF NEAR Turbine Valve	15	115	98.6
		MAB PF (Compressor) Turning Gear	15	115	101.4
		PRT Turbine LO Pump	15	115	89.3
		PRT Expander Area	15	115	91.5
		Seal Air Blower 23-KM-2131A (Run)	15	115	97.2
		Flue Gas Cooler (23-FGC-001) Area	15	115	92.3
		PRU-VRC(70-K-1001) Compressor platform	15	115	99.8
		LPG Treatment unit (26-K-001(A/B/C) air compressor house	15	115	100.0

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NOISE MONITORING DATA MAY 2025					
Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
13	Alkylation_Butamer	24K001 COMPRESSOR	15	115	100.7
		24/P15/PV200	15	115	89.2
		24 P109 B	15	115	98.3
		24R101 Reactor Area	15	115	93.1
		DIOS AREA 24P1A	15	115	91.7
		Product pump area 24 P11A	15	115	90.2
		Butamer feed pump 25-P-1A	15	115	95.2

NOISE MONITORING DATA MAY 2025					
Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
14	SARU	SARU Blower 28K05 Area	15	115	99.1
		SARU Strong Acid area 28P05	15	115	89.5
		SARU Weak Acid area 28P01	15	115	85.1
NOISE MONITORING DATA MAYL 2025					
Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
15	KHDS	P-001A	15	115	90.2
		F-001	15	115	86.5
		K-001B	15	115	78.2
		P-002A	15	115	90.5
		P-004A	15	115	85.7
		Steam Vent	15	115	93.4
		AC-001	15	115	84.5
		AC-002	15	115	82.6
		Compressor Area	15	115	87.3
		Furnace Area(Inline)	15	115	82.9
		In between TS-1 & Compressor shed area	15	115	75.9
		TS-1 area ground floor	15	115	78.1
		TS-2 area ground floor	15	115	71.8

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AIR COMPRESSOR HOUSE NOISE MONITORING DATA					
Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
16	UCR (U-122)	Dryer-1	15	115	112.4
		Dryer-2	15	115	111.7
		LP Compressor-C	15	115	92.5
		LP Compressor-D	15	115	98.7
		LP Compressor-A	15	115	93.3
		Air Compressor House Area	15	115	88.9

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TOXIC GAS MONITORING DATA FOR MONTH OF MAY 2025

AVU			
Toxic Gas	STEL_Alarm_Std.	TWA Alarm_Std.	REAL_Peak_Obs.
LEL (%)	N/A	N/A	0
OXY (%)	N/A	N/A	21.0
H2S(ppm)	15	10	0
CO(ppm)	100	35	0
VOC(ppm)	25	10	1.3

SRU			
Toxic Gas	STEL_Alarm_Std.	TWA Alarm_Std.	REAL_Peak_Obs.
LEL(%)	N/A	N/A	0
OXY(%)	N/A	N/A	20.9
H2S(ppm)	15	10	0.5
CO(ppm)	100	35	0
VOC(ppm)	25	10	1.0

ETP			
Toxic Gas	STEL_Alarm_Std.	TWA Alarm_Std.	REAL_Peak_Obs.
LEL(%)	N/A	N/A	1.0
OXY(%)	N/A	N/A	20.9
H2S(ppm)	15	10	0
CO(ppm)	100	35	0
VOC(ppm)	25	10	1.5

DCU			
Toxic Gas	STEL_Alarm_Std.	TWA Alarm_Std.	REAL_Peak_Obs.
LEL(%)	N/A	N/A	0
OXY(%)	N/A	N/A	20.9
H2S(ppm)	15	10	0
CO(ppm)	100	35	0.2
VOC(ppm)	25	10	1.3

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DHDT			
Toxic Gas	STEL_Alarm_Std.	TWA Alarm_Std.	REAL_Peak_Obs.
LEL(%)	N/A	N/A	0
OXY(%)	N/A	N/A	20.9
H2S(ppm)	15	10	0
CO(ppm)	100	35	0
VOC(ppm)	25	10	1.0

VGO-HDT			
Toxic Gas	STEL_Alarm_Std.	TWA Alarm_Std.	REAL_Peak_Obs.
LEL(%)	N/A	N/A	0
OXY(%)	N/A	N/A	20.9
H2S(ppm)	15	10	0.5
CO(ppm)	100	35	0.3
VOC(ppm)	25	10	1.5

Alkylation-Butamer			
Toxic Gas	STEL_Alarm_Std.	TWA Alarm_Std.	REAL_Peak_Obs.
LEL(%)	N/A	N/A	0
OXY(%)	N/A	N/A	20.9
H2S(ppm)	15	10	0
CO(ppm)	100	35	1.3
VOC(ppm)	25	10	0

FCCU			
Toxic Gas	STEL_Alarm_Std.	TWA Alarm_Std.	REAL_Peak_Obs.
LEL(%)	N/A	N/A	0
OXY(%)	N/A	N/A	20.6
H2S(ppm)	15	10	0.5
CO(ppm)	100	35	0
VOC(ppm)	25	10	0.2

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NHT-CCR			
Toxic Gas	STEL_Alarm_Std.	TWA Alarm_Std.	REAL_Peak_Obs.
LEL(%)	N/A	N/A	0
OXY(%)	N/A	N/A	20.9
H2S(ppm)	15	10	0
CO(ppm)	100	35	0
VOC(ppm)	25	10	3.1

KHDS			
Toxic Gas	STEL_Alarm_Std.	TWA Alarm_Std.	REAL_Peak_Obs.
LEL(%)	N/A	N/A	0
OXY(%)	N/A	N/A	20.9
H2S(ppm)	15	10	0
CO(ppm)	100	35	0
VOC(ppm)	25	10	0.1

MEG/ERU			
Toxic Gas	STEL_Alarm_Std.	TWA Alarm_Std.	REAL_Peak_Obs.
LEL(%)	N/A	N/A	0
OXY(%)	N/A	N/A	20.8
H2S(ppm)	15	10	0
CO(ppm)	100	35	0
VOC(ppm)	25	10	0.5

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9/8/24

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NOISE MONITORING DATA JUNE 2025					
Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
1	AVU	P3 A/B	15	115	98.5
		P22 A/B	15	115	101.1
		P25 A/B	15	115	100.8
		KM 04 A/B	15	115	87.6
		P7 A/B	15	115	98.1
		P2 A/B	15	115	90.8
		Compressor House	15	115	95.6
		P13 A/B	15	115	91.2
		P10 A/B	15	115	96.3
		P30 A/B	15	115	98.5
		F 101	15	115	89.5
		F-002	15	115	88.3
		KM 01A/B	15	115	90.4
		P7 C	15	115	99.2

NOISE MONITORING DATA JUNE 2025					
Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
2	SRU	089 KM 1	15	115	97.5
		089 PM 003 B	15	115	95.2
		088 K 001	15	115	94.6
		087 V 001	15	115	97.7
		087 WHB 001	15	115	98.6
		087 Sulphur Pit	15	115	99.5
		087 E 003	15	115	89.6
		086 E 003	15	115	86.3
		086 K 001	15	115	90.2
		085 Pump	15	115	100.1
		84P01 A	15	115	85.3
		83P01 B	15	115	97.4
		087 K 001	15	115	100.0

NOISE MONITORING DATA JUNE 2025					
Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
3	ETP	Aeration Blower	15	115	98.7
		230 Air Compressor	15	115	87.5
		231 Air Compressor	15	115	99.1

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NOISE MONITORING DATA JUNE 2025					
Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
4	DHDT	RGC AREA	15	115	94.5
		HCDS Compressor Area	15	115	91.7

NOISE MONITORING DATA JUNE 2025					
Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
5	ROG-PSA	ROG COMPRESSOR AREA	15	115	98.4
		FG COMPRESSOR AREA	15	115	99.3

NOISE MONITORING DATA JUNE 2025					
Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
6	VGO-HDT	RGC AREA	15	115	100.3
		Atmospheric Column bottom Pump P12 RESIDUE	15	115	88.5
		MHC Feed Pumps-020 P1 A/B	15	115	90.9
		Wash Water Pumps-020 P2 A/B	15	115	91.7
		VGO Wash Pumps- 020 P3 A/B	15	115	89.5
		HDT Feed Pumps-020 P16 A/B	15	115	99.7
		Atmospheric Column Furnace FD Fans-020 KM 2A	15	115	92.3
		HP Amine Pump-020 P19 B	15	115	88.6
		Atmospheric Column Furnace-020 F 001	15	115	96.2

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Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
7	DCU	30 P45 B	15	115	95.2
		30 P7 A	15	115	92.3
		30 P13 A/B	15	115	91.1
		30 P1 A/B	15	115	94.1
		30 P11 A/B	15	115	94.0
		Compressor House GF	15	115	93.5
		30 C 008	15	115	81.2
		72m CDS	15	115	89.5
		030-F-001	15	115	88.2
		030-F-002	15	115	86.4

NOISE MONITORING DATA JUNE 2025					
Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
8	Polypropylene Area	72-KM-901 A/B/C	15	115	94.5
		73-KM-901 A/B/C	15	115	86.8
		72-KM-804 A/B	15	115	91.2
		72-KM-801 A/B	15	115	96.5
		73-KM-801 A/B	15	115	95.7
		73-KM-804 A/B	15	115	92.4
		72-KM-301	15	115	86.5
		73-KM-301	15	115	87.8
		71-KM-601	15	115	87.0
		Extruder Area ground floor	15	115	95.2
		Powder conveying comp. line-1	15	115	93.2
		Powder conveying comp. line-2	15	115	90.3
		Pellet conveying comp. Area	15	115	92.5
		Dryer blower Area in PP line-1	15	115	88.3
		Dryer blower Area in PP line-1	15	115	90.1

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Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
9	MEG	RGC Compressor House	15	115	93.1
		RGC Discharge piping	15	115	89.9
		RGC Motor (061-KM-115)	15	115	90.1
		RGC Suction & Discharge piping	15	115	91.2
		EO Reactor	15	115	83.5
		Carbonate Solution pump (061-PM-2204)	15	115	89.7
		BFW Pump (061-PM-920A)	15	115	87.3
		Cycle water Pump (061-PM-312A)	15	115	92.8
		C-531 Column	15	115	89.6
		LP Condensate line near E-930	15	115	85.5
		061-KM-320	15	115	88.9

NOISE MONITORING DATA JUNE 2025					
Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
10	Alkylation_ Butamer	24K001 COMPRESSOR	15	115	101.8
		24/P15/PV200	15	115	88.3
		24 P109 B	15	115	95.1
		24R101 Reactor Area	15	115	92.4
		DIOS AREA 24P1A	15	115	91.3
		Product pump area 24 P11A	15	115	90.5
		Butamer feed pump 25-P-1A	15	115	95.0

NOISE MONITORING DATA JUNE 2025					
Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
11	SARU	SARU Blower 28K05 Area	15	115	96.7
		SARU Strong Acid area 28P05	15	115	90.5
		SARU Weak Acid area 28P01	15	115	83.8

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AIR COMPRESSOR HOUSE NOISE MONITORING DATA					
Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
12	UCR (U-122)	Dryer-1	15	115	111.6
		Dryer-2	15	115	111.2
		LP Compressor-C	15	115	94.6
		Operator cabin	15	115	64.4
		LP Compressor-A	15	115	93.8
		Air Compressor House Area	15	115	88.5

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TOXIC GAS MONITORING DATA FOR MONTH OF JUNE 2025

AVU			
Toxic Gas	STEL_Alarm_Std.	TWA Alarm_Std.	REAL_Peak_Obs.
LEL (%)	N/A	N/A	0
OXY (%)	N/A	N/A	20.8
H2S(ppm)	15	10	0
CO(ppm)	100	35	0
VOC(ppm)	25	10	1.5

SRU			
Toxic Gas	STEL_Alarm_Std.	TWA Alarm_Std.	REAL_Peak_Obs.
LEL(%)	N/A	N/A	0
OXY(%)	N/A	N/A	20.8
H2S(ppm)	15	10	0
CO(ppm)	100	35	0
VOC(ppm)	25	10	4.1

ETP			
Toxic Gas	STEL_Alarm_Std.	TWA Alarm_Std.	REAL_Peak_Obs.
LEL(%)	N/A	N/A	0
OXY(%)	N/A	N/A	20.8
H2S(ppm)	15	10	0
CO(ppm)	100	35	0
VOC(ppm)	25	10	3.0

DCU			
Toxic Gas	STEL_Alarm_Std.	TWA Alarm_Std.	REAL_Peak_Obs.
LEL(%)	N/A	N/A	0
OXY(%)	N/A	N/A	20.8
H2S(ppm)	15	10	0
CO(ppm)	100	35	0.3
VOC(ppm)	25	10	1.2

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DHDT			
Toxic Gas	STEL_Alarm_Std.	TWA Alarm_Std.	REAL_Peak_Obs.
LEL(%)	N/A	N/A	0
OXY(%)	N/A	N/A	20.8
H2S(ppm)	15	10	0
CO(ppm)	100	35	0
VOC(ppm)	25	10	1.5

VGO-HDT			
Toxic Gas	STEL_Alarm_Std.	TWA Alarm_Std.	REAL_Peak_Obs.
LEL(%)	N/A	N/A	0
OXY(%)	N/A	N/A	20.8
H2S(ppm)	15	10	0
CO(ppm)	100	35	0.5
VOC(ppm)	25	10	3.1

Alkylation-Butamer			
Toxic Gas	STEL_Alarm_Std.	TWA Alarm_Std.	REAL_Peak_Obs.
LEL(%)	N/A	N/A	0
OXY(%)	N/A	N/A	20.8
H2S(ppm)	15	10	1.5
CO(ppm)	100	35	0
VOC(ppm)	25	10	4.3

MEG			
Toxic Gas	STEL_Alarm_Std.	TWA Alarm_Std.	REAL_Peak_Obs.
LEL(%)	N/A	N/A	0
OXY(%)	N/A	N/A	20.8
H2S(ppm)	15	10	0
CO(ppm)	100	35	0
VOC(ppm)	25	10	0.5

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NOISE MONITORING DATA JULY 2025					
Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
1	AVU	P3 A/B	15	115	97.2
		P22 A/B	15	115	101.9
		P25 A/B	15	115	99.6
		KM 04 A/B	15	115	88.3
		P7 A/B	15	115	98.5
		P2 A/B	15	115	90.7
		Compressor House	15	115	93.6
		P13 A/B	15	115	90.4
		P10 A/B	15	115	97.1
		P30 A/B	15	115	98.2
		F 101	15	115	85.6
		F-002	15	115	87.5
		KM 01A/B	15	115	91.9
		P7 C	15	115	99.3

NOISE MONITORING DATA JULY 2025					
Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
2	SRU	089 KM 1	15	115	97.3
		089 PM 003 B	15	115	94.5
		088 K 001	15	115	92.2
		087 V 001	15	115	95.9
		087 WHB 001	15	115	100.1
		087 Sulphur Pit	15	115	98.1
		087 E 003	15	115	88.4
		086 E 003	15	115	86.2
		086 K 001	15	115	106.2
		085 Pump	15	115	100.0
		84P01 A	15	115	85.2
		83P01 B	15	115	97.8
		087 K 001	15	115	105.3

NOISE MONITORING DATA JULY 2025					
Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
3	ETP	Aeration Blower	15	115	99.3
		230 Air Compressor	15	115	87.6
		231 Air Compressor	15	115	98.9

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NOISE MONITORING DATA JULY 2025					
Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
4	DHDT	RGC AREA	15	115	96.8
		HCDS Compressor Area	15	115	92.9

NOISE MONITORING DATA JULY 2025					
Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
5	ROG-PSA	ROG COMPRESSOR AREA	15	115	90.2
		FG COMPRESSOR AREA	15	115	95.6

NOISE MONITORING DATA JULY 2025					
Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
6	VGO-HDT	RGC AREA	15	115	101.7
		Atmospheric Column bottom Pump P12 RESIDUE	15	115	89.9
		MHC Feed Pumps-020 P1 A/B	15	115	91.3
		Wash Water Pumps-020 P2 A/B	15	115	90.2
		VGO Wash Pumps- 020 P3 A/B	15	115	89.8
		HDT Feed Pumps-020 P16 A/B	15	115	95.6
		Atmospheric Column Furnace FD Fans-020 KM 2A	15	115	92.4
		HP Amine Pump-020 P19 B	15	115	87.8
		Atmospheric Column Furnace-020 F 001	15	115	98.5

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NOISE MONITORING DATA JULY 2025					
Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
7	DCU	30 P45 B	15	115	88.7
		30 P7 A	15	115	93.8
		30 P13 A/B	15	115	92.1
		30 P1 A/B	15	115	90.2
		30 P11 A/B	15	115	93.1
		Compressor House GF	15	115	99.4
		30 C 008	15	115	83.3
		CHS Coke Yard	15	115	90.5
		RRLS Silo Building	15	115	80.5
		Bitumen Loading station	15	115	98.7
		72m CDS	15	115	89.6
		030-F-001	15	115	88.5
		030-F-002	15	115	86.2

NOISE MONITORING DATA JULY 2025					
Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
8	Polypropylene Area	72-KM-901 A/B/C	15	115	97.2
		73-KM-901 A/B/C	15	115	93.0
		72-KM-804 A/B	15	115	83.4
		72-KM-801 A/B	15	115	86.1
		73-KM-801 A/B	15	115	74.4
		73-KM-804 A/B	15	115	73.0
		72-KM-301	15	115	85.2
		73-KM-301	15	115	70.3
		71-KM-601	15	115	86.0
		Extruder Area ground floor	15	115	89.1
		Powder conveying comp. line-1	15	115	72.5
		Powder conveying comp. line-2	15	115	72.8
		Pellet conveying comp. Area	15	115	83.2
		Dryer blower Area in PP line-1	15	115	75.9
		Dryer blower Area in PP line-1	15	115	74.6

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NOISE MONITORING DATA JULY 2025					
Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
9	MEG/ERU	RGC Compressor House	15	115	90.2
		RGC Discharge piping	15	115	89.1
		RGC Motor (061-KM-115)	15	115	90.8
		RGC Suction & Discharge piping	15	115	91.4
		EO Reactor	15	115	83.7
		Carbonate Solution pump (061-PM-2204)	15	115	89.2
		BFW Pump (061-PM-920A)	15	115	88.7
		Cycle water Pump (061-PM-312A)	15	115	94.1
		C-531 Column	15	115	86.3
		LP Condensate line near E-930	15	115	85.2
		061-KM-320	15	115	90.0
		OH gas line near V-101	15	115	92.3
		BRC Compressor House	15	115	89.5
		FGC Motor	15	115	95.6
		BRC Turbine	15	115	91.2
		V-104	15	115	88..0
		Cold Box First floor	15	115	94.6

NOISE MONITORING DATA JULY 2025					
Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
10	Alkylation_ Butamer	24K001 COMPRESSOR	15	115	102.0
		24/P15/PV200	15	115	87.5
		24 P109 B	15	115	94.2
		24R101 Reactor Area	15	115	92.6
		DIOS AREA 24P1A	15	115	91.9
		Product pump area 24 P11A	15	115	90.3
		Butamer feed pump 25-P-1A	15	115	947

NOISE MONITORING DATA JULY 2025					
Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
11	SARU	SARU Blower 28K05 Area	15	115	96.8
		SARU Strong Acid area 28P05	15	115	92.1
		SARU Weak Acid area 28P01	15	115	85.3

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NOISE MONITORING DATA JULY 2025					
Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
12	CPP	GT 1	15	115	97.3
		GT 3	15	115	94.9
		Boiler 2	15	115	88.3
		Pump House	15	115	94.7
		BFP Building	15	115	99.5
		CPP Building Entrance	15	115	77.3
		HRSG 3	15	115	84.3
		UB Operator Cabin	15	115	65.9
		UB-1 & 2 Area	15	115	83.8
		New GIS (Outside)	15	115	80.1
		HHP Steam line spectacle blind Area	15	115	94.2
		UB-5 HHP Steam Header	15	115	82.3
		HRSG operator cabin/FOPH Cabin	15	115	64.6

AIR COMPRESSOR HOUSE NOISE MONITORING DATA					
Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
13	UCR (U-122)	Dryer-1	15	115	112.2
		Dryer-2	15	115	111.5
		LP Compressor-C	15	115	96.4
		Operator cabin	15	115	64.3
		LP Compressor-A	15	115	92.3
		Air Compressor House Area	15	115	87.2

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TOXIC GAS MONITORING DATA FOR MONTH OF JULY 2025

AVU			
Toxic Gas	STEL_Alarm_Std.	TWA Alarm_Std.	REAL_Peak_Obs.
LEL (%)	N/A	N/A	0
OXY (%)	N/A	N/A	20.8
H2S(ppm)	15	10	0
CO(ppm)	100	35	0
VOC(ppm)	25	10	1.3

SRU			
Toxic Gas	STEL_Alarm_Std.	TWA Alarm_Std.	REAL_Peak_Obs.
LEL(%)	N/A	N/A	0
OXY(%)	N/A	N/A	20.8
H2S(ppm)	15	10	0
CO(ppm)	100	35	0
VOC(ppm)	25	10	3.1

ETP			
Toxic Gas	STEL_Alarm_Std.	TWA Alarm_Std.	REAL_Peak_Obs.
LEL(%)	N/A	N/A	0
OXY(%)	N/A	N/A	20.8
H2S(ppm)	15	10	0
CO(ppm)	100	35	0
VOC(ppm)	25	10	0.5

DCU			
Toxic Gas	STEL_Alarm_Std.	TWA Alarm_Std.	REAL_Peak_Obs.
LEL(%)	N/A	N/A	0
OXY(%)	N/A	N/A	21.0
H2S(ppm)	15	10	0
CO(ppm)	100	35	0.1
VOC(ppm)	25	10	1.4

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DHDT			
Toxic Gas	STEL_Alarm_Std.	TWA Alarm_Std.	REAL_Peak_Obs.
LEL(%)	N/A	N/A	0
OXY(%)	N/A	N/A	20.8
H2S(ppm)	15	10	0
CO(ppm)	100	35	0
VOC(ppm)	25	10	2.3

VGO-HDT			
Toxic Gas	STEL_Alarm_Std.	TWA Alarm_Std.	REAL_Peak_Obs.
LEL(%)	N/A	N/A	0
OXY(%)	N/A	N/A	20.9
H2S(ppm)	15	10	0
CO(ppm)	100	35	0.
VOC(ppm)	25	10	0.2

Alkylation-Butamer			
Toxic Gas	STEL_Alarm_Std.	TWA Alarm_Std.	REAL_Peak_Obs.
LEL(%)	N/A	N/A	0
OXY(%)	N/A	N/A	20.9
H2S(ppm)	15	10	1.3
CO(ppm)	100	35	0
VOC(ppm)	25	10	1.4

MEG			
Toxic Gas	STEL_Alarm_Std.	TWA Alarm_Std.	REAL_Peak_Obs.
LEL(%)	N/A	N/A	0
OXY(%)	N/A	N/A	20.8
H2S(ppm)	15	10	0
CO(ppm)	100	35	0
VOC(ppm)	25	10	3.0

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NOISE MONITORING DATA AUGUST 2025					
Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
1	AVU	P3 A/B	15	115	96.4
		P22 A/B	15	115	100.2
		P25 A/B	15	115	97.5
		KM 04 A/B	15	115	86.2
		P7 A/B	15	115	99.7
		P2 A/B	15	115	90.5
		Compressor House	15	115	92.4
		P13 A/B	15	115	89.2
		P10 A/B	15	115	97.3
		P30 A/B	15	115	98.5
		F 101	15	115	87.3
		F-002	15	115	89.7
		KM 01A/B	15	115	87.9
		P7 C	15	115	98.1

NOISE MONITORING DATA AUGUST 2025					
Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
2	SRU	089 KM 1	15	115	96.5
		089 PM 003 B	15	115	94.2
		088 K 001	15	115	91.3
		087 V 001	15	115	86.5
		087 WHB 001	15	115	84.9
		087 Sulphur Pit	15	115	94.2
		087 E 003	15	115	88.5
		086 E 003	15	115	85.7
		086 K 001	15	115	103.8
		085 Pump	15	115	100.1
		84P01 A	15	115	83.7
		83P01 B	15	115	98.2
		087 K 001	15	115	103.1

NOISE MONITORING DATA AUGUST 2025					
Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
3	ETP	Aeration Blower	15	115	98.7
		230 Air Compressor	15	115	89.0
		231 Air Compressor	15	115	95.3

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NOISE MONITORING DATA AUGUST 2025					
Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
4	DHDT	RGC AREA	15	115	95.9
		HCDS Compressor Area	15	115	92.2

NOISE MONITORING DATA AUGUST 2025					
Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
5	ROG-PSA	ROG COMPRESSOR AREA	15	115	93.1
		FG COMPRESSOR AREA	15	115	99.4

NOISE MONITORING DATA AUGUST 2025					
Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
6	VGO-HDT	RGC AREA	15	115	101.3
		Atmospheric Column bottom Pump P12 RESIDUE	15	115	91.2
		MHC Feed Pumps-020 P1 A/B	15	115	90.5
		Wash Water Pumps-020 P2 A/B	15	115	86.2
		VGO Wash Pumps- 020 P3 A/B	15	115	89.3
		HDT Feed Pumps-020 P16 A/B	15	115	95.3
		Atmospheric Column Furnace FD Fans-020 KM 2A	15	115	92.5
		HP Amine Pump-020 P19 B	15	115	88.2
		Atmospheric Column Furnace-020 F 001	15	115	98.3

9/9/25

DR. ASHOK KUMAR
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Industrial Hygienist

VKRRMS HOSPITAL
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NOISE MONITORING DATA AUGUST 2025					
Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
7	DCU	30 P45 B	15	115	81.6
		30 P7 A	15	115	92.7
		30 P13 A/B	15	115	90.6
		30 P1 A/B	15	115	88.5
		30 P11 A/B	15	115	93.8
		Compressor House GF	15	115	100.1
		30 C 008	15	115	84.2
		CHS Coke Yard	15	115	90.6
		RRLS Silo Building	15	115	82.7
		Bitumen Loading station	15	115	99.3
		72m CDS	15	115	89.2
		030-F-001	15	115	88.3
		030-F-002	15	115	86.1

NOISE MONITORING DATA AUGUST 2025					
Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
8	Polypropylene Area	72-KM-901 A/B/C	15	115	98.3
		73-KM-901 A/B/C	15	115	94.5
		72-KM-804 A/B	15	115	85.8
		72-KM-801 A/B	15	115	87.2
		73-KM-801 A/B	15	115	94.2
		73-KM-804 A/B	15	115	87.5
		72-KM-301	15	115	89.7
		73-KM-301	15	115	86.4
		71-KM-601	15	115	90.1

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NOISE MONITORING DATA AUGUST 2025					
Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
9	MEG/ERU	RGC Compressor House	15	115	89.5
		RGC Discharge piping	15	115	92.2
		RGC Motor (061-KM-115)	15	115	90.0
		RGC Suction & Discharge piping	15	115	91.7
		EO Reactor	15	115	83.6
		Carbonate Solution pump (061-PM-2204)	15	115	89.4
		BFW Pump (061-PM-920A)	15	115	88.9
		Cycle water Pump (061-PM-312A)	15	115	95.8
		C-531 Column	15	115	87.5
		LP Condensate line near E-930	15	115	85.2
		061-KM-32089.5	15	115	88.1
		OH gas line near92.2 V-101	15	115	92.8
		BRC Compressor House	15	115	89.6
		FGC Motor	15	115	96.1
		BRC Turbine	15	115	91.3
		V-104	15	115	89.5
		Cold Box First floor	15	115	94.7

NOISE MONITORING DATA AUGUST 2025					
Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
10	Alkylation_ Butamer	24K001 COMPRESSOR	15	115	102.6
		24/P15/PV200	15	115	88.3
		24 P109 B	15	115	94.1
		24R101 Reactor Area	15	115	90.8
		DIOS AREA 24P1A	15	115	91.3
		Product pump area 24 P11A	15	115	90.2
		Butamer feed pump 25-P-1A	15	115	94.6

NOISE MONITORING DATA AUGUST 2025					
Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
11	SARU	SARU Blower 28K05 Area	15	115	95.6
		SARU Strong Acid area 28P05	15	115	84.3
		SARU Weak Acid area 28P01	15	115	84.0

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NOISE MONITORING DATA AUGUST 2025					
Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
12	CPP	GT 1	15	115	98.2
		GT 3	15	115	96.4
		Boiler 2	15	115	88.5
		Pump House	15	115	96.3
		BFP Building	15	115	100.0
		CPP Building Entrance	15	115	78.2
		HRSG 3	15	115	81.5

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TOXIC GAS MONITORING DATA FOR MONTH OF AUGUST 2025

AVU			
Toxic Gas	STEL_Alarm_Std.	TWA Alarm_Std.	REAL_Peak_Obs.
LEL (%)	N/A	N/A	0
OXY (%)	N/A	N/A	20.8
H2S(ppm)	15	10	0
CO(ppm)	100	35	0
VOC(ppm)	25	10	0.4

SRU			
Toxic Gas	STEL_Alarm_Std.	TWA Alarm_Std.	REAL_Peak_Obs.
LEL(%)	N/A	N/A	0
OXY(%)	N/A	N/A	20.8
H2S(ppm)	15	10	0
CO(ppm)	100	35	0
VOC(ppm)	25	10	3.1

ETP			
Toxic Gas	STEL_Alarm_Std.	TWA Alarm_Std.	REAL_Peak_Obs.
LEL(%)	N/A	N/A	0
OXY(%)	N/A	N/A	20.8
H2S(ppm)	15	10	0
CO(ppm)	100	35	0
VOC(ppm)	25	10	4.0

DCU			
Toxic Gas	STEL_Alarm_Std.	TWA Alarm_Std.	REAL_Peak_Obs.
LEL(%)	N/A	N/A	0
OXY(%)	N/A	N/A	20.9
H2S(ppm)	15	10	0
CO(ppm)	100	35	0.4
VOC(ppm)	25	10	1.2

9/9/25

Occupational Health Physician

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DHDT			
Toxic Gas	STEL_Alarm_Std.	TWA Alarm_Std.	REAL_Peak_Obs.
LEL(%)	N/A	N/A	0
OXY(%)	N/A	N/A	20.9
H2S(ppm)	15	10	0
CO(ppm)	100	35	0
VOC(ppm)	25	10	3.1

VGO-HDT			
Toxic Gas	STEL_Alarm_Std.	TWA Alarm_Std.	REAL_Peak_Obs.
LEL(%)	N/A	N/A	0
OXY(%)	N/A	N/A	20.9
H2S(ppm)	15	10	0
CO(ppm)	100	35	0
VOC(ppm)	25	10	3.0

Alkylation-Butamer			
Toxic Gas	STEL_Alarm_Std.	TWA Alarm_Std.	REAL_Peak_Obs.
LEL(%)	N/A	N/A	0
OXY(%)	N/A	N/A	20.9
H2S(ppm)	15	10	2.0
CO(ppm)	100	35	0
VOC(ppm)	25	10	1.3

MEG			
Toxic Gas	STEL_Alarm_Std.	TWA Alarm_Std.	REAL_Peak_Obs.
LEL(%)	N/A	N/A	0
OXY(%)	N/A	N/A	20.8
H2S(ppm)	15	10	0
CO(ppm)	100	35	0
VOC(ppm)	25	10	2.1

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NOISE MONITORING DATA SEPTEMBER 2025					
Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
1	AVU	P3 A/B	15	115	98.2
		P22 A/B	15	115	100.1
		P25 A/B	15	115	95.3
		KM 04 A/B	15	115	89.2
		P7 A/B	15	115	98.7
		P2 A/B	15	115	90.3
		Compressor House	15	115	91.4
		P13 A/B	15	115	90.4
		P10 A/B	15	115	99.3
		P30 A/B	15	115	93.5
		F 101	15	115	88.3
		F-002	15	115	89.6
		KM 01A/B	15	115	90.8
		P7 C	15	115	98.1

NOISE MONITORING DATA SEPTEMBER 2025					
Sl. No.	Area	Location	Avg. Time of Reading (min)	Standard for 15 min duration as per OISD	Readings in dBA
2	SRU	089 KM 1	15	115	99.5
		089 PM 003 B	15	115	93.2
		088 K 001	15	115	90.3
		087 V 001	15	115	87.5
		087 WHB 001	15	115	81.5
		087 Sulphur Pit	15	115	96.2
		087 E 003	15	115	87.1
		086 E 003	15	115	85.7
		086 K 001	15	115	102.7
		085 Pump	15	115	100.0
		84P01 A	15	115	85.7
		83P01 B	15	115	96.3
		087 K 001	15	115	102.2

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TOXIC GAS MONITORING DATA FOR MONTH OF SEPTEMBER 2025

AVU			
Toxic Gas	STEL_Alarm_Std.	TWA Alarm_Std.	REAL_Peak_Obs.
LEL (%)	N/A	N/A	0
OXY (%)	N/A	N/A	20.8
H2S(ppm)	15	10	0.2
CO(ppm)	100	35	0
VOC(ppm)	25	10	0.5

SRU			
Toxic Gas	STEL_Alarm_Std.	TWA Alarm_Std.	REAL_Peak_Obs.
LEL(%)	N/A	N/A	0
OXY(%)	N/A	N/A	20.8
H2S(ppm)	15	10	0
CO(ppm)	100	35	0
VOC(ppm)	25	10	2.1

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Nibedita Nayak
Industrial Hygienist

Scanned with CamScanner

Annexure-13

Soil Analysis Report

Nitya
Work for Quality

Issued To **M/s Indian Oil Corporation Limited**
Paradip Refinery
PO Jhimani, Via: Kujang, Distt.
Jagatsinghpur Odisha, India

ULR No.: TC148142500001151F-1153F
Test Report Date: 10/03/2025

Sample Particulars

Nature of the Sample & No. of Samples	:	**Soil &Three No s**
Sample Quantity & Packaging	:	1.0Kg Each in Poly Pack
Sample Received at Lab	:	28/02/2025
Test Started On	:	28/02/2025
Test Completed On	:	06/03/2025
Method of Sampling	:	SOP/B/D-3
Date of Sampling	:	25/02/2025
Monitoring Conducted By	:	Mr. Munaraj
Sampling Location	:	S1-ETP-1
		S2-South Pond-01
		S3-North Pond-01

Analysis Report

Sr. No.	Parameters	Unit	Test Results			Protocol
			S1	S2	S3	
1	pH(at25°C) (1:5)	-	7.62	7.74	7.92	IS:2720(P-26)
2	Electrical Conductivity	ms/cm	1804	1820	1710	IS:2720(P-21)
3	Organic Matter	%	0.70	0.50	0.60	IS:2720(P-22)
4	Total Phosphorous	mg/kg	ND(DL-5)	ND(DL-5)	ND(DL-5)	NL/SOP/Soil/12
5	Available Nitrogen as N	mg/kg	80	64	72	NL/SOP/Soil/08
6	Cation Exchange Capacity(CEC)	Meq/100gm	12.20	14.00	13.20	IS2720(P-24)

TC-14814

AUTHORISED SIGNATORY
RAVINDER MITTAL

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Nitya
Work for Quality

Issued To **M/s Indian Oil Corporation Limited**
Paradip Refinery
PO Jhimani, Via: Kujang, Distt.
Jagatsinghpur Odisha, India

Test Report No.: 202502250120-122
Test Report Date: 10/03/2025

Sample Particulars

Nature of the Sample & No. of Samples	:	**Soil &Three No s**
Sample Quantity & Packaging	:	1.0Kg Each in Poly Pack
Sample Received at Lab	:	28/02/2025
Test Started On	:	28/02/2025
Test Completed On	:	06/03/2025
Method of Sampling	:	SOP/B/D-3
Date of Sampling	:	25/02/2025
Monitoring Conducted By	:	Mr. Munaraj
Sampling Location	:	S1-ETP-1
		S2-South Pond-01
		S3-North Pond-01

Analysis Report

Sr. No.	Parameters	Unit	Test Results			Protocol
			S1	S2	S3	
1	Available Potassium as K	mg/kg	60	50	40	NL/SOP/Soil/17
2	Available Calcium as Ca	mg/kg	380	290	320	Ministry of Agriculture Manual
3	Available Magnesium as Mg	mg/kg	210	180	200	Ministry of Agriculture Manual
4	Available Sodium	mg/kg	130	150	142	Ministry of Agriculture Manual
5	Oil& Grease	mg/kg	ND(DL-5)	6.0	ND(DL-5)	Ministry of Agriculture Manual
6	Phenolic Compound	mg/kg	ND(DL-5)	1.60	ND(DL-5)	Ministry of Agriculture Manual
7	Sulphur as S	mg/kg	ND(DL-5)	5.40	ND(DL-5)	Ministry of Agriculture Manual

AUTHORISED SIGNATORY

RAVINDER MITTAL

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Annexure-14

Forest Clearance

MD, IDCO 26-5-2000 Sri A.K. Mukhia DGM (EIA) Comp: BBSR

No. 8-64/98 – FC
Government of India
Ministry of Environment and Forests
(F.C. Division)

Paryavaran Bhawan,
CGO Complex, Lodhi Road,
New Delhi – 110 003.

Dated, the 23rd May, 2000

To

The Secretary (Forests)
Government of Orissa,
Bhubaneshwar.

Subject: Diversion of 36.5 ha of forest land for Eastern India Refinery project at Paradeep under Mangrove Forest Division, Rajnagar in Jagatsingpur of Orissa

Sir,

I am directed to refer to the State Government, Forest and Environment Department's letters no.10F(Cons)13/97.14241/F&E dated 18.7.98, no.10F(Cons.)-3/99(PL.) 5905/F&E dtd. 17.4.2000 and 10F(Cons.)-3/99 (PL.).7463 dt. 16.5.2000 on the above mentioned subject seeking prior approval of the Central Government in accordance with Section-2 of the Forest (Conservation) Act, 1980 and to say that the proposal has been examined by the Advisory Committee constituted by the Central Government under Section-3 of the aforesaid Act.

[illegible] of the proposal of the State Government and on the basis of the recommendations of the above mentioned Advisory Committee, the Central Government hereby conveys its approval under Section-2 of the Forest (Conservation) Act, 1980 for diversion of 36.5 ha of forest land for Eastern India Refinery project at Paradeep under Mangrove forest division, Rajnagar in Jagatsingpur of Orissa subject to the following conditions -

i Legal status of forest land shall remain unchanged.

ii Compensatory afforestation will be carried out over 183 ha. of degraded forest land at the project cost.

iii While carrying out afforestation for creation of green belt, efforts should be made to plant local floral species and also the species yielding more of non wood timber products. Such plantation should be carried out in consultation with the concerned Division Forest officer.

iv. No forest land shall be used for rehabilitation of oustees.

Contd. page 2

v. The user agency will make arrangements for free supply of fuelwood preferably alternate energy source to labourers and staff working on the project site so as to avoid any pressure on the adjacent forest areas.

vi The scheme submitted by the State Govt. for studies on the "Population dynamics of the nesting Olive Ridley Turtles" at Gahirmatha coast of Orissa shall be finalised by the State Govt. in consultation with Wildlife Institute of India and shall be sent to this Ministry for approval.

vii The approval under the Forest (Conservation) Act, 1980 is subject to the clearance under Environmental Protection Act, 1986

viii. Any other condition that the State Govt. or the Chief Conservator of Forests (Central), Regional Office, Bhubaneshwar may impose from time to time in the interest of afforestation and protection & improvement of the flora and fauna in the area.

Yours faithfully,

(J.P. Misra)
Assistant Inspector General of Forests

Copy to.

1. The Principal Chief Conservator of Forests, Government of Orissa, Bhubaneshwar.
2. The Nodal Officer, Office of the PCCF, Government of Orissa, Bhubaneshwar
3. The Chief Conservator of Forests (Central), Regional Office, Bhubaneshwar
4. Regional Office (Hq), New Delhi.
5. The Managing Director, Eastern India Refinery Projects, IDCO, IDCO Towers, Janpath, Bhubaneshwar, ORISSA.
6. Guard File

(J.P. Misra) 23/5/2000
Assistant Inspector General of Forests