

Six Monthly Compliance Report on Terms & Conditions of Environmental Clearance for POL Depot at Imphal, Malom Manipur. [Letter No: F.No. J-11011/46/2011-IA II (I) dtd 13-Jul-2012] (As on 01.12.15)

S.No.	Condition Stipulated	Status
A. SPECIFIC CONDITIONS:		
i)	Adequate buffer zone around the Bulk Petroleum Oil & Lubricant (POL) Depot shall be provided, as may be required as per OISD or other statutory requirement	<p>The construction work of the POL Depot is in Progress as per approved layout of CCOE, Nagpur. The layout also conforms to latest relevant OISD guidelines.</p> <p>Adequate buffer zone i.e., 33% of plot area is provided.</p> <p>Land development, Boundary wall, Roads, Drains, Culverts, Buildings, Tankages, Pipelines & Structures are completed. Electrical and Instrumentation works are in progress.</p>
ii)	Regular ambient air quality monitoring of PM10, S02 , NO,, CO, VOCs and HC (Methane and Non-methane) shall be monitored and displayed at a convenient location near the main gate of the company and at important public places. The location and results of existing monitoring stations shall be reviewed in consultation with the concerned State Pollution Control Board based on the occurrence of maximum ground level concentration and downwind direction of wind. If required, additional stations shall be set up. It shall be ensured that at least one monitoring station is set up in up-wind & in down-wind direction along with those in other directions.	The POL Depot is under construction. AAQM measures will be complied upon completion & commissioning.
iii)	Regularly monitoring of VOC and HC in the work zone area in the plant premises shall be carried and data be submitted to Ministry's Regional Office at Shillong, CPCB and Manipur State Pollution Control Board. Quarterly monitoring for fugitive emissions shall be carried out as per the guidelines of CPCB and reports submitted to Ministry's Regional Office at Shillong.	AAQM measures will be complied upon completion & commissioning.

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iv)	Vapor recovery system shall be provided in Tank Truck Loading (TTL) to recover hydrocarbon.	Provision of Vapour recovery system is proposed and work is in progress.
v)	Total fresh water requirement from ground water source shall not exceed 5 m ³ /day and prior permission shall be obtained from the CGWA/SGWA.	Will be complied and applied for NOC from SGWA, Imphal. Copy of application submitted with six-monthly report as on 01.06.15.
vi)	The company shall construct the garland drain all around the project site to prevent runoff of any oil containing waste into the nearby water bodies, Separate drainage system shall be created for oil contaminated and non-oil contaminated streams. During rainy season, the storm water drains shall be connected to oil water separator and passed through guard pond. Water quality monitoring of guard pond shall be conducted and ensured that monitoring parameters shall not exceed the prescribed standards	Garland drain constructed. Oily Water Separation System and separate drainage system work is in progress.
vii)	As proposed, effluent containing oil from POL Depot shall be properly treated in ETP)/oil water separator and treated wastewater shall conform to CPCB standards. Sewage shall be disposed off through septic tank followed by soak pit. No effluent shall be discharged outside the premises. No washing of truck shall be carried out.	Will be complied.
viii)	Oil Industry Safety Directorate guidelines regarding safety against fire, spillage, pollution control, etc., should be followed. Company should ensure no oil spillage occur during loading / unloading of petroleum products.	The layout complies with latest relevant OISD-244; 1 st edition, 2015 guidelines & firefighting / safety provisions in the POL Depot will conform to OISD-117.
ix)	The project authorities shall strictly comply with the provisions made in Manufacture, Storage and Import of Hazardous Chemicals Rules 1989, as amended in 2000 and the Public Liability Insurance	Will be complied.

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	Act for handling of hazardous chemicals etc. All the hazardous waste shall be properly treated and disposed of in accordance with the Hazardous Waste (Management, Handling and Transboundary Movement) Rules 2008.	
x)	Risk Assessment Report shall be revised to based on the Realistic Scenarios and possible Hazard noted and to be taken care of by Preventive and Mitigative Barriers. The report shall be submitted to the Ministry's regional office at Shillong within 3 months.	Complied with.
xi)	Necessary approvals from Chief Controller of Explosives must be obtained before commission of project. Requisite On-site and Off-site Disaster Management Plans will be prepared and implemented. Emergency Response Plan shall be based on the guidelines prepared by OISD, DGMS and Govt of India. Mock drill shall be conducted in a month.	Layout approval has been obtained from CCOE, Nagpur. DMP has been submitted with application for EC. ERP will comply with relevant guidelines. Mock drill will be conducted subsequent to construction & commissioning of facilities.
xii)	The company shall obtain all requisite clearances for fire safety and explosives and shall comply with the stipulation made by the respective authorities.	Will be complied.
xiii)	MS shall be stored in floating roof tank with liquid mounted seal, foam and water spray system. HSD tanks shall be provided with foam and spray system. Fire fighting system shall be as per the OISD.	IFR Tanks constructed for MS. Provisions in storage tanks done as per OISD relevant guidelines.
xiv)	No change in the storage capacity and other facilities shall be made without getting proper approval from the Ministry.	Storage capacity as per EC is maintained as approved as per following tankage details: MS : 5124KL (3Nos.) HSD: 11796KL (3Nos.) SKO: 5055KL (3Nos.)
xv)	Tankers shall be as per IS 803 and OISD 117 & 118 for safety aspect.	Complied with.
xvi)	As proposed, fully automated tank farm	Fully automated TFMS being

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	management system (TFMS) will be provided for accounting of products & reconciliation.	provided
xvii)	Bottom oil sludge shall be handled, stored and disposed as per CPCB/MoEF guidelines. An action plan in this regard including bioremediation shall be submitted to the Ministry and its Regional Office at Shillong within 3 months of issue of the letter.	Will be complied. Action plan on Solid waste management submitted with six-monthly compliance report as on 01-06-14.
xviii)	Emergency Response Plan shall be based on the guidelines prepared by OISD, DGMS and Govt. of India. Mock drill shall be conducted once in a month.	ERP will comply with relevant guidelines. Mock drill will be conducted subsequent to construction & commissioning of facilities.
xix)	Company shall ensure that no spillage shall be occur during storage, handling and transportation of petroleum products.	Will be ensured.
xx)	The company shall install automatic leak detection system supported with hooters or alarm system.	Will be provided.
xxi)	Additional safety measures shall taken by using remote operated shut off valve, double block & bleed valve (DBB), impervious dyke wall and un-bounded flexible roof drain pipe.	ROSOV and DBBV provided.
Xxii)	Occupational health surveillance of worker shall be done on a regular basis and records maintained as per the Factory Act.	Will be complied upon commissioning of the POL Depot.
xxiii)	Green belt shall be developed in 33% of the plot area to mitigate the effect of fugitive emission all around the plant in consultation with DFO as per CPCB guidelines. Thick green belt around factory premises should be ensured.	Green area @ 33% of Depot area will be maintained in consultation with DFO. DFO, Imphal has already been approached and recommendation given will be implemented. Copy of same was submitted with six-monthly report as on 01.06.15.
xxiv)	The Company shall harvest surface as well as rainwater from the rooftops of the buildings proposed in the project and storm water drains to recharge the ground water and use the same water for the various activities of the project to conserve fresh	Complied with.

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	water	
xxv)	All the recommendations mentioned in the EMP/DMP shall be implemented.	Will be complied.
xxvi)	Dedicated parking facility for loading and unloading of material should be provided in the POL Depot. Unit should develop and implement good traffic management system for their incoming and outgoing vehicles to avoid congestion on the public road.	Already planned and dedicated parking area for TT completed and put into use.
xxvii)	All issues raised during the public hearing/consultation meeting on 10 th Oct 2011 shall be satisfactorily implemented.	Will be complied.
xxviii)	Company shall adopt Corporate Environment Policy as per the Ministry's O.M No. J-11013/41/2006-IA.II(1) dated 26 th April, 2011 and implemented and adequate budget to be earmarked for implementation as admissible.	Will be implemented
xxix)	Under Corporate Social Responsibility (CSR), sufficient budgetary provision shall be made for health improvement, education, water and electricity supply etc. in and around the project.	Will be implemented
xxx)	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, Safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Being done.
B. GENERAL CONDITIONS:		
i)	The project authorities shall strictly adhere to the stipulations made by the Manipur State Pollution Control Board (MPCB), State Government and any other statutory authority.	Will be implemented.
ii)	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment	Will be complied.

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	and Forests. 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.	
iii)	The project authorities must strictly comply with the rules and regulations under Manufacture, Storage and Import of Hazardous Chemicals Rules, 2000 as amended subsequently. Prior approvals from Chief Inspectorate of Factories, Chief Controller of Explosives, Fire Safety Inspectorate etc must be obtained, wherever applicable.	Factory Permit obtained from Chief Inspector of Factories & Boilers, Manipur. Copy already submitted. PESO approval obtained from Chief Controller of Explosives, Nagpur. Copy already submitted. Fire License shall be obtained prior to the commissioning.
iv)	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).	Will be complied.
v)	A separate environment management cell equipped with full fledged laboratory facilities must be set up to carry out the environment management and monitoring functions.	Will be complied.
vi)	A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/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 web site of the company by the proponent.	Complied with.
vii)	The project proponent shall upload the status	Complied with.

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	of compliance of the stipulated environment 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 the MOEF, the respective Zonal Office of CPCB and MPCB.	
viii)	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, the respective Zonal Office of CPCB and MPCB. The regional office of this ministry/CPCB/MPCB shall monitor the stipulated conditions. Environment Clearance and six monthly compliance status report shall be posted on the website of the company.	The project is under construction; six monthly report as on 01.12.15. is being submitted.
ix)	The environmental statement for each financial year ending 31 st March in Form-V 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 or environmental clearance conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.	Form-V requirement will be complied subsequent to commissioning of project.
x)	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://envfor.nic.in . This shall be advertised within seven days from the date	Complied with.

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	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.	
xi)	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 commencing of land development work.	The Board of Directors of IOCL accorded investment approval on 30.08.2010 for the project. The date of financial closure shall be informed. Project Construction work is in progress.