



इंडियन ऑयल कॉर्पोरेशन लिमिटेड

गुजरात रिफ़ाइनरीज़, डाकघर : जवाहरनगर

ज़िला : वडोदरा, गुजरात - 391 320

Indian Oil Corporation Limited

Gujarat Refineries, P.O. Jawaharnagar,

Dist. : Vadodara, Gujarat - 391 320

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Website : www.iocl.com



रिफ़ाइनरीज़ प्रभाग
Refineries Division

Ref: Dumad/HSE/GPCB/form V/2022-23

Date: 30.09.2023

**The Unit Head, Vadodara,
Gujarat Pollution Control Board,
Paryavaran Bhavan,
Sector 10-A,
Gandhinagar - 382 010.**

Sub: Environment Statement for the year 2022-23(PCB ID 68310)

Dear Sir,

Pleased find enclosed the Environment Statement of Gujarat Refinery, Dumad for the financial year ending 31st March 2023. The report has been compiled as per Form-V of Central Pollution Control Board.

Thanking you,

Yours faithfully,

(B B Makwana)

Deputy General Manager (HSE)
Gujarat Refinery

B.B. MAKWANA
Dy. General Manager (H, S & E)
Gujarat Refinery, IOCL,
Vadodara

Encl: As above.

CC: The Regional Officer

Gujarat Pollution Control Board
GERI Compound, Race Course
Baroda-390007.

पंजीकृत कार्यालय : जी-9, अली यावर जंग मार्ग, बान्द्रा (पूर्व) मुम्बई - 400 051 महाराष्ट्र (भारत)
Regd. Office : G-9, Ali Yavar Jung Marg, Bandra (East), Mumbai - 400 051 Maharashtra (India)
CIN-L 23201 MH1959 GOI 011388

FORM – V
(See Rule 14)

From:
Indian Oil Corporation Ltd. (Gujarat Refinery) Dumad Project ,
Dumad-391740,Dist:Vadodara,Gujarat

To,
Gujarat Pollution Control Board
Paryavaran Bhavan
Sector 10-A
Gandhinagar – 382 010.

Environmental statement for the financial year ending on 31st Mar'23.

PART – A

i.	Name & address of the owner/ Occupation of the industry, Operation or process.	Shri Rahul Prashant Executive Director & Refinery Head Gujarat Refinery PO: Jawaharnagar Vadodara – 391 320 Address of the operation facility: Indian Oil Corporation Ltd. (Gujarat Refinery) Dumad Project , Dumad- 391740,Dist:Vadodara,Gujarat
ii.	Industry category	Oil refinery storage and dispatch facility
iii.	Production capacity	15000 MT/Month
iv.	Year of establishment	2022
v.	Date of the last Environmental Statement submitted.	CCA – AWH -119056 was obtained on 01.06.2022 and 2022-23 is the first financial year of operation

PART – B

(1)Water and Raw Material Consumption		
2022-23		
SI No.	Description	Water consumption, m3/day
1	Process water	0
2	Cooling water	0
3	Domestic (Industrial area only)	216
	TOTAL	216

Process water consumption per unit of product output
0 m3 per MT of product

(2) Raw Material Consumption		
SN	Name of Raw material	Consumption, MT
No raw material consumed since the facility is for storage and despatch of finished products from Gujarat refinery		

(3) Products		
SN	Name of Raw material	Production(Despatch), MT
1	LMW/HMW-Linear Alkyl Benzene (LAB)	96157.32

PART – C

Pollutants discharged to environment / unit of output
(Parameters as specified in the consent issued)

(1)Quantity of Treated water discharged: NIL

(2)Concentration of the Effluent discharged : NA

(3)Quantity of Air emission :No process/furnace emission as the facility is for storage of finished products from Gujarat refinery

PART – D

HAZARDOUS WASTES

As specified under hazardous wastes (management and handling) Rules, 1989

1. Total quantity of waste generated category wise			2022-23
SI No.	Description of the waste	Type of waste with category as per Schedules I, II and III of these rules	Total quantity of Generation
1	Presently no hazardous waste generation in the operation facility	-	-

PART – E

SL.NO	Solid wastes generation/Disposal	2022-23
		(MT)
a	From Process	Nil
b	From Pollution Control Facility	Nil
c1	Quantity recycled or reutilized within unit	Nil
C2	Sold	Nil
C3	Disposed	Nil

PART – F

Please specify the characterizations (in terms of composition and quantum) of hazardous as well as solid wastes and indicate disposal practice for both these categories of wastes.

For the last financial year 2022-23, there is no generation of any Hazardous or industrial solid waste as the facility is operated to store the finished products from the refinery and its dispatch. In the upcoming phases of the project, the generation of hazardous waste is envisaged and proper approval will be obtained in consent for various mode of its disposal

PART – G

(Impact of the pollution control measures on conservation of natural resources and consequently on the cost of production)

No pollution control measures were required in the facility as the facility does not carry out any production. The facility is under different project construction phases and the pollution control measures will be implemented in the upcoming process units which is under construction and includes ZLD facility.

PART – H

(Additional investment proposal for environmental protection including abatement of pollution) scheme approved / job in progress:

- 1) ZLD facility for upcoming Oxo-alcohol(Dumad) plants.
- 2) VOC LDAR programme to be started from the month of Dec'24.
- 3) An agency is being lined up for Co processing/Preprocessing of hazardous waste and insulation waste for environmentally safe disposal of wastes to be generated in future
- 4) 2 new CAAQMS proposed under the dumad project
- 5) Rain water harvesting from roof tops of buildings.
- 6) Environment Protection measures for existing Refinery and upcoming projects
- 7) Green Belt development.

PART – I

(Any other particulars for improving the quality of the environment)

Not applicable to the subject facility for the financial year 2022-23

Name: B B Makwana
Designation: DGM (HSE)