



परिवेश
PARIVESH
(CPC GREEN)

पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय

Ministry of Environment, Forest and Climate Change



75
आज़ादी का
अमृत महोत्सव



सत्यमेव जयते

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View Half Yearly Compliance Report at Project Proponent

Proposal Details

Proposal No

HPCL/GFEC/MOEF/01

Category

Industrial Projects - 2

Name of Project

Green Fuel Emission Control (GFEC) project for HPCL's Mumbai Refinery

Plot / Survey/ Khasra No.

Village(s)

Sub-District(s)

State

MAHARASHTRA

District

MUMBAI SUBURBAN

MoEF File No

J-11012/1/2002-IA II (I)

Name of the Entity/

Corporate Office

R S RAO

Entity's PAN

*****1118B

Entity Name as per PAN

hindustan petroleum corporation limited

Entity details mentioned above is correct ?

Agree

Covering Letter

Covering Letter

NA

Compliance Reporting Details

Reporting Year
2025

Reporting Period
01 Jun(01 Oct - 31 Mar)

Remark(if any)
GFEC EC Compliance for the period Oct '24 to Mar '25

Details of Production and Project Area

Date of Commencement of Project/Activity
10-04-2003

	Project Area as per EC Granted(ha.)	Actual Project Area in Possession(ha.)
Private	0.1	0.1
Revenue Land	0	0
Forest	0	0
Others	0	0
Total	0.1	0.1

Land Documents
NA

Sr.No.	Name of the Product	Units	As per EC Granted	As per CTO Granted	CTO ID	Valid Up To	Production during last financial year
1	Naptha (LAN, SCN)	Tons per Annum (TPA)	252000		Format1.0/CAC/UAN No.0000197965/CO/2405000004	31-08-2025	431331
2	LPG, Propylene	Tons per Annum (TPA)	542000		Format1.0/CAC/UAN No.0000197965/CO/2405000004	31-08-2025	479240
3	Treated Hexane	Tons per Annum (TPA)	30000		Format1.0/CAC/UAN No.0000197965/CO/2405000004	31-08-2025	12852
4	Solvent 1425	Tons per Annum (TPA)	8500		Format1.0/CAC/UAN No.0000197965/CO/2405000004	31-08-2025	962
5	MS	Tons per Annum (TPA)	1683000		Format1.0/CAC/UAN No.0000197965/CO/2405000004	31-08-2025	1821863
6	MTO	Tons per Annum	48000		Format1.0/CAC/UAN No.0000197965/CO/2405000004	31-08-	67298

		(TPA)				2025	
7	ATF	Tons per Annum (TPA)	600000		Format1.0/CAC/UAN No.0000197965/CO/2405000004	31-08-2025	473350
8	SKO	Tons per Annum (TPA)	52000		Format1.0/CAC/UAN No.0000197965/CO/2405000004	31-08-2025	97048
9	Diesel	Tons per Annum (TPA)	3441000		Format1.0/CAC/UAN No.0000197965/CO/2405000004	31-08-2025	3651011
10	IFO	Tons per Annum (TPA)	969000		Format1.0/CAC/UAN No.0000197965/CO/2405000004	31-08-2025	839563
11	Sulphur	Tons per Annum (TPA)	61000		Format1.0/CAC/UAN No.0000197965/CO/2405000004	31-08-2025	36346
12	Asphalt (VG-10, VG-30)	Tons per Annum (TPA)	780000		Format1.0/CAC/UAN No.0000197965/CO/2405000004	31-08-2025	608847
13	150 N Gr-I	Tons per Annum (TPA)	70000		Format1.0/CAC/UAN No.0000197965/CO/2405000004	31-08-2025	110986
14	500 N Gr-I	Tons per Annum (TPA)	100000		Format1.0/CAC/UAN No.0000197965/CO/2405000004	31-08-2025	138822
15	Spindle Oil Gr-I	Tons per Annum (TPA)	15000		Format1.0/CAC/UAN No.0000197965/CO/2405000004	31-08-2025	12969
16	Spindle Oil Gr-II	Tons per Annum (TPA)	32000		Format1.0/CAC/UAN No.0000197965/CO/2405000004	31-08-2025	55366
17	150 N Gr-II	Tons per Annum (TPA)	76000		Format1.0/CAC/UAN No.0000197965/CO/2405000004	31-08-2025	84899
18	500 N Gr-II	Tons per Annum (TPA)	92000		Format1.0/CAC/UAN No.0000197965/CO/2405000004	31-08-2025	64392
19	Bright Stock	Tons per Annum (TPA)	50000		Format1.0/CAC/UAN No.0000197965/CO/2405000004	31-08-2025	21412
20	IO-100	Tons per Annum (TPA)	15000		Format1.0/CAC/UAN No.0000197965/CO/2405000004	31-08-2025	15661

Conditions

Specific Conditions

Sr.No.	Condition Heading	Condition Details	Status of Compliance,Remarks / Reason and Supporting Documents	
1	WATER QUALITY MONITORING AND PRESERVATION	Comprehensive waste water management system and recycling and reuse of treated effluent so that the total treated effluent should not exceed a maximum of 165 m ³ /hr.	PPs Submission	Total treated effluent has been revised in subsequent EC (J-11011/413/2014-IA.II(I)). The effluent from all the process units is being treated in the Refinery ETP. Treated effluent is recycled back for use in process. Complied 26-05-2025 Attachment:NA
2	WASTE MANAGEMENT	Disposal of hazardous DeSOx sludge at TSDF developed by M/s Mumbai Waste management Limited, Talaja.	PPs Submission	HPCL-Mumbai refinery is a member of CHWTSDf located at Talaja and hazardous waste is being regularly disposed off to this facility. Complied 19-05-2025 Attachment:NA
3	MISCELLANEOUS	Replacement of existing LPG storage facility with mounded LPG storage.	PPs Submission	Horton spheres have been dismantled and mounded LPG storage is being used. Complied 19-05-2025 Attachment:NA
4	WATER QUALITY MONITORING AND PRESERVATION	The fresh water consumption should be pegged at the current level of 300 m ³ /hr. even after the proposed modernization. The additional water required, if any, should be met through recycling/reuse of treated effluent.	PPs Submission	Fresh water consumption has been revised in subsequent EC (J-11011/413/2014-IA.II(I)). Water consumption is as per the same EC. Recycling of treated effluent is the secondary source of Process Water (IETP influent is being recycled back after treatment for process use). Complied 26-05-2025 Attachment:NA

5	Risk Mitigation and Disaster Management	All recommendations made in the Risk analysis report should be complied with during design, construction and operation stages to contain the risk within the plant boundary. As stated earlier, LPG/Propane must be stored in mounded bullets only. Existing Horton spheres in this regard must be dismantled.	PPs Submission	All Risk analysis report recommendations have been complied with. Horton spheres have been dismantled and mounded LPG storage is commissioned. Complied 19-05-2025 Attachment:NA
6	Statutory compliance	No further expansion or modification in the project shall be carried without prior permission of this Ministry.	PPs Submission	Project was executed as per the granted EC and unit is being operated as per the valid Consent To Operate (CTO). Complied 19-05-2025 Attachment:NA
7	Statutory compliance	Implementation of the project vis-a-vis environmental management/risk mitigation measures should be reported to the Ministry/Regional Office/State Pollution Control Board regularly on a six monthly basis.	PPs Submission	Project is implemented and subsequent Consent for First Operate is amalgamated with existing refinery Consent To Operate. Environment Statement and other statutory compliances are being filed as mandated. Complied 19-05-2025 Attachment:NA

General Conditions

Sr.No.	Condition Heading	Condition Details	Status of Compliance,Remarks / Reason and Supporting Documents
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Document uploaded by the PP

Last Site Visit Report (if available)

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Last Site Visit Report Date (if available)

13-08-2024

Additional Attachment (if any)

[Click to View](#)**Additional Remarks (if any)**

GFEC EC Compliance for the period Oct'24 to Mar'25.

- ☒ I 'R S RAO' hereby give undertaking that the data and information given in the filed compliance and enclosures are true to be best of my knowledge and belief and I am aware that if any part of the data and information found to be false or misleading at any stage, the clearance given to the project will be revoked at our risk and cost. In addition to above, I hereby give undertaking that no activity such as change in project layout, construction, expansion, etc. has been taken up without due approval.

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