

**Half Yearly Compliance Report****2025****01 Dec(01 Apr - 30 Sep)****Acknowledgement**

<b>Proposal Name</b>	Green Fuel Emission Control (GFEC) project for HPCL's Mumbai Refinery		
<b>Name of Entity / Corporate Office</b>	R S RAO		
<b>Village(s)</b>	N/A		
<b>District</b>	MUMBAI SUBURBAN		
<b>Proposal No.</b>	HPCL/GFEC/MOEF/01	<b>Category</b>	Industrial Projects - 2
<b>Plot / Survey / Khasra No.</b>	N/A	<b>Sub-District</b>	N/A
<b>State</b>	MAHARASHTRA	<b>Entity's PAN</b>	*****1118B
<b>MoEF File No.</b>	J-11012/1/2002-IA II (I)	<b>Entity name as per PAN</b>	hindustan petroleum corporation limited

**Compliance Reporting Details**

<b>Reporting Year</b>	2025
<b>Remarks (if any)</b>	GFEC EC Compliance for the period Apr'25 to Sep'25
<b>Reporting Period</b>	01 Dec(01 Apr - 30 Sep)

**Details of Production and Project Area**

<b>Name of Entity / Corporate Office</b>	R S RAO	
	<b>Project Area as per EC Granted</b>	<b>Actual Project Area in Possession</b>
Private	0.1	0.1
Revenue Land	0	0
Forest	0	0
Others	0	0
Total	0.1	0.1

**Production Capacity**

Sr. no	Product Name	units	Valid Upto	Capacity	Production last year	Capacity as per CTO
1	Naptha (LAN, SCN)	Tons per Annum (TPA)	31/08/2025	252000	479300	
2	LPG, Propylene	Tons per Annum (TPA)	31/08/2025	542000	488400	
3	Treated Hexane	Tons per Annum (TPA)	31/08/2025	30000	15800	
4	Solvent 1425	Tons per Annum (TPA)	31/08/2025	8500	4500	
5	MS	Tons per Annum (TPA)	31/08/2025	1683000	1858900	
6	MTO	Tons per Annum (TPA)	31/08/2025	48000	97600	
7	ATF	Tons per Annum (TPA)	31/08/2025	600000	552100	
8	SKO	Tons per Annum (TPA)	31/08/2025	52000	71700	
9	Diesel	Tons per Annum (TPA)	31/08/2025	3441000	3565300	
10	IFO	Tons per Annum (TPA)	31/08/2025	969000	943500	
11	150 N Gr-II	Tons per Annum (TPA)	31/08/2025	76000	83600	
12	500 N Gr-II	Tons per Annum (TPA)	31/08/2025	92000	49400	
13	Sulphur	Tons per Annum (TPA)	31/08/2025	61000	39300	
14	Asphalt (VG-10, VG-30)	Tons per Annum (TPA)	31/08/2025	780000	734700	
15	150 N Gr-I	Tons per Annum (TPA)	31/08/2025	70000	99600	
16	500 N Gr-I	Tons per Annum (TPA)	31/08/2025	100000	127600	
17	Spindle Oil	Tons per	31/08/2025	15000	13600	

## Conditions

### Specific Conditions

Sr.No.	Condition Type	Condition Details
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 <sup>3</sup> /hr.
<b>PPs Submission:</b> Complied 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.		Date: 26/11/2025
2	WASTE MANAGEMENT	Disposal of hazardous DeSO <sub>x</sub> sludge at TSDF developed by M/s Mumbai Waste management Limited, Talaja.
<b>PPs Submission:</b> Complied HPCL-Mumbai refinery is a member of CHWTSDF located at Talaja and hazardous waste is being regularly disposed off to this facility.		Date: 26/11/2025
3	MISCELLANEOUS	Replacement of existing LPG storage facility with mounded LPG storage.
<b>PPs Submission:</b> Complied Horton spheres have been dismantled and mounded LPG storage is being used.		Date: 26/11/2025
4	WATER QUALITY MONITORING AND PRESERVATION	The fresh water consumption should be pegged at the current level of 300 m <sup>3</sup> /hr. even after the proposed modernization. The additional water required, if any, should be met through recycling/reuse of treated effluent.
<b>PPs Submission:</b> Complied 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).		Date: 26/11/2025
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.
<b>PPs Submission:</b> Complied All Risk analysis report recommendations have been complied with. Horton spheres have been dismantled and mounded LPG storage is commissioned.		Date: 26/11/2025
6	Statutory compliance	No further expansion or modification in the project shall be carried without prior permission of this Ministry.
<b>PPs Submission:</b> Complied Project was executed as per the granted EC and unit is being operated as per the valid Consent To Operate (CTO).		Date: 26/11/2025
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.

<b>PPs Submission:</b> Complied 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.		Date: 26/11/2025
<b>Visit Remarks</b>		
<b>Last Site Visit Report Date:</b>	13/08/2024	
<b>Additional Remarks:</b>	GFEC EC Compliance for the period Apr'25 to Sep'25	
<p><b>Note:</b> This acknowledgement is as per the details submitted by project proponent. In no way is this document to be considered as conclusion on any action on the compliance of the project. This is strictly for the project proponent's reference purpose.</p>		