



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

J-11011/415/2008-IA-II(I)

Category

Industrial Projects - 2

Name of Project

Diesel Hydro Treating facilities at Mumbai Refinery, Complex at Mahul, Chembur, Mumbai by M/s HPCL

Plot / Survey/ Khasra No.

Village(s)

Sub-District(s)

State

MAHARASHTRA

District

MUMBAI

MoEF File No

J-11011/415/2008-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)

Diesel Hydro Treating facility (DHT) EC compliance for the period Oct'24 to Mar '25.

Details of Production and Project Area

Date of Commencement of Project/Activity

04-09-2009

	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	LPG, Propylene	Tons per Annum (TPA)	542000		Format1.0/CAC/UAN No.0000197965/CO/2405000004	31-08-2025	479240
2	Naptha (LAN, SCN)	Tons per Annum (TPA)	252000		Format1.0/CAC/UAN No.0000197965/CO/2405000004	31-08-2025	431331
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	Statutory compliance	M/s HPCL shall comply with the stipulations made in the environmental clearance accorded by the Ministry for the existing plant.	PPs Submission	Complied. This report is submitted as EC conditions compliance report. Complied 29-05-2025 Attachment:NA
2	Statutory compliance	M/s HPCL shall comply with new standards/ norms for Oil Refinery Industry notified under the Environment (Protection) Rules, 1986 vide G.S.R. 186(E) dated 18th March 2008.	PPs Submission	Complied Complied 29-05-2025 Attachment:NA
3	AIR QUALITY MONITORING AND PRESERVATION	The project authorities shall submit a feasible plan which will be followed to ensure that SO2 emission from the refinery does not exceed the stipulated figure of 12.6 TPD at any time.	PPs Submission	Complied Complied 29-05-2025 Attachment:NA
4	AIR QUALITY MONITORING AND PRESERVATION	Flue gas desulphurization on FCC shall be installed.	PPs Submission	Flue Gas Scrubber Unit (FGSU) has been installed in both the FCCUs and is in continuous operation. Complied 29-05-2025 Attachment:NA
5	Corporate Environmental Responsibility	All equipment and construction being carried to and from the refinery should be done in such a manner as not to create traffic congestion.	PPs Submission	Complied during the construction phase. Project is completed and commissioned. Complied 29-05-2025 Attachment:NA
6	AIR QUALITY MONITORING	The process emissions (SO2, NOx, HC, VOCs and	PPs Submission	There are no open Process vents from where emissions (SO2, NOx, HC, VOCs and Benzene) are emitted. The fugitive

	AND PRESERVATION	Benzene) from various units should conform to the standards prescribed by the Maharashtra Pollution Control Board from time to time. At no time, the emission levels should go beyond the stipulated standards. In the event of failure of pollution control system(s) adopted by the unit, the unit should be immediately put out of operation and should not be restarted until the desired efficiency has been achieved.		emissions from the components are monitored, measured and attended as per the LDAR program. Process Emissions from various units conforms to the standards as prescribed. Complied 29-05-2025 Attachment:NA
7	AIR QUALITY MONITORING AND PRESERVATION	Ambient air quality monitoring stations, [SPM, SO ₂ , NO _x , H ₂ S, Mercaptan, NMHC and Benzene] should 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 modeling exercise to represent short term GLCs. Continuous on-line stack monitoring equipment should be installed for measurement of SO ₂ , NO _x , CO and CO ₂ . Low NO _x burners should be installed with online analyzers.	PPs Submission	Presently, 3 nos of CAAQMS are in operation for monitoring of PM _{2.5} , SO ₂ , NO _x , CO, PM ₁₀ , Ozone, Benzene, NH ₃ , H ₂ S, NMHC and Mercaptan. This data is also sent to MPCB server in real time as well. On line Stack monitoring analyzers for SO _x , NO _x , CO, PM are provided for stacks in the refinery. All the stacks are equipped with Continuous online stack monitoring and data is being transferred to MPCB and CPCB servers in real time. Low NO _x burners are being utilized. Complied 29-05-2025 Attachment:NA
8	AIR QUALITY MONITORING	Monitoring of fugitive emissions	PPs Submission	Leak Detection And Repair (LDAR) program for various units of the refinery

	AND PRESERVATION	should be carried out as per the guidelines of CPCB by fugitive emission detectors and reports should be submitted to the Ministry's regional office at Bhopal. For control of fugitive emission all unsaturated hydrocarbon will be routed to the flare system and the flare system should be designed for smoke less burning.		is in place for monitoring of fugitive emissions. Flare gas recovery compressor is installed for recycling flare gases to Fuel Gas System. All process relief vents are routed to closed flare system. Flare system is designed for smoke less burning. Complied 29-05-2025 Attachment:NA
9	AIR QUALITY MONITORING AND PRESERVATION	Fugitive emissions of HC from product storage tank yards etc. must be regularly monitored. Sensors for detecting HC leakage should also be provided at strategic locations. The company should use low sulphur fuel to minimize SO ₂ emission. Sulphur recovery units should have efficiency of 99.5 %. Leak Detection and Repair programme should be implemented to control HC/VOC emissions. Work zone monitoring should be carried out near the storage tanks besides monitoring of HCs/VOCs in the work zone.	PPs Submission	Fugitive emission of HC from product storage tanks is controlled by way of providing primary as well as secondary seals. LDAR program is conducted in the refinery as per norms. Work zone monitoring near storage tanks are being conducted for checking VOC. Both SRUs are connected with Tail Gas Treating Unit. Hydrocarbon detectors are placed at strategic locations throughout the Refinery. Low sulphur fuel is optimized by replenishing with Natural gas. Complied 29-05-2025 Attachment:NA
10	WATER QUALITY MONITORING AND PRESERVATION	The waste water should be treated in the waste water treatment plant and the treated effluent should meet the	PPs Submission	The effluent from all the process units is being treated in the Refinery ETP. Approx. 75 percent treated effluent is being recycled to process for reuse and rest is recycled back to the fire water make up system. Complied

		prescribed standards. Efforts should be made to recycle the treated effluent to achieve zero discharge.		29-05-2025 Attachment:NA
11	WASTE MANAGEMENT	The project authorities must strictly comply with the rules and regulation with regard to handling and disposal of Hazardous Wastes (Management, Handling and Trans Boundary Movement) Rules, 1989/ 2003/ 2008 wherever applicable. Authorization from the State Pollution Control Board must be obtained for collections/ treatment/ storage/ disposal of hazardous wastes.	PPs Submission	Provisions under Hazardous Wastes (Management, Handling and Trans Boundary Movement) Rules are being complied. HPCL-Mumbai refinery is a member of CHWTSDF located at Taloja and hazardous waste is being regularly disposed off to this facility and to SPCB authorized recyclers as per CTO. Complied 29-05-2025 Attachment:NA
12	Statutory compliance	The company should strictly follow all the recommendation mentioned in the charter on Corporate Responsibility for Environmental Protection (CREP) for the oil refineries.	PPs Submission	Charter of CREP is being complied. Complied 29-05-2025 Attachment:NA
13	Risk Mitigation and Disaster Management	The Company should take necessary measures to prevent fire hazards, containing oil spill and soil remediation as needed. At place of ground flaring, the overhead flaring stack with knockout drums should be installed to minimize	PPs Submission	Measures for preventing fire hazards, containing oil spills and soil remediation programs are in place. Flare stack with knockout drums is operational. Complied 29-05-2025 Attachment:NA

			gaseous emissions during flaring.	
14	Risk Mitigation and Disaster Management	To prevent fire and explosion at Oil and Gas facility, potential ignition sources should be kept to a minimum and adequate separation distance between potential ignition sources and flammable material should be in place.	PPs Submission	OISD guidelines on distance criteria are being adhered. Complied 29-05-2025 Attachment:NA
15	Human Health Environment	Occupational health surveillance of worker should be done on a regular basis and records maintained as per the Factory Act.	PPs Submission	Complied. Complied 29-05-2025 Attachment:NA
16	GREENBELT	Greenbelt should be developed to mitigate the effect of fugitive emission all around the plant in a minimum 25% plant area in consultation with DFO as per CPCB guidelines.	PPs Submission	Complied. Complied 29-05-2025 Attachment:NA
17	WATER QUALITY MONITORING AND PRESERVATION	The Company should undertake measures for rain water harvesting to recharge the ground water and minimize fresh water consumption.	PPs Submission	Surface drain rain water harvesting reservoir has been constructed including ground water recharging through roof top rainwater harvesting, where ever applicable. Complied 29-05-2025 Attachment:NA
18	Human Health Environment	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,	PPs Submission	Housing of construction workers was in the scope of Contractors. Project is completed and commissioned. Complied 29-05-2025 Attachment:NA

		medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.			
19	Statutory compliance	The proponent shall upload the status of compliance of the stipulated EC conditions, including 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. The criteria pollutant namely, SPM, RSPM, SO2, NOx (Ambient levels as well as stack emissions) VOC and HC, indicated for the project shall be monitored and displayed at the convenient location near the main gate of the Company in the public domain.	<table><tr><td>PPs Submission</td><td>Compliance status of EC conditions are uploaded on the company website. All the Criteria Pollutant data is displayed for general public viewing on the LED screen, real-time basis at the Main Gate of the Company in the public domain. Complied 29-05-2025 Attachment:NA</td></tr></table>	PPs Submission	Compliance status of EC conditions are uploaded on the company website. All the Criteria Pollutant data is displayed for general public viewing on the LED screen, real-time basis at the Main Gate of the Company in the public domain. Complied 29-05-2025 Attachment:NA
PPs Submission	Compliance status of EC conditions are uploaded on the company website. All the Criteria Pollutant data is displayed for general public viewing on the LED screen, real-time basis at the Main Gate of the Company in the public domain. Complied 29-05-2025 Attachment:NA				

General Conditions

Sr.No.	Condition Heading	Condition Details	Status of Compliance,Remarks / Reason and Supporting Documents	
1	Statutory compliance	The project authorities must strictly adhere to the stipulations made by the concerned State Pollution Control Board (SPCB) and the State Government and any other statutory body.	PPs Submission	All the stipulations as made by SPCB is being complied and adhered to. Complied 29-05-2025 Attachment:NA

2	Statutory compliance	No further expansion or modification in the project shall be carried without prior approval of the Ministry of Environment and Forests. In case of deviations or alternations in the project proposal from those submitted to the Ministry for clearance, a fresh reference shall be made to the Ministry.	PPs Submission	Project is executed as per the granted EC. Unit is being operated as per the valid CTO. Complied 29-05-2025 Attachment:NA
3	AIR QUALITY MONITORING AND PRESERVATION	At no time, the emissions shall go beyond the prescribed standards. In the event of failure of any pollution control system, the respective facilities should be immediately put out of operation and should not be restarted until the desired efficiency has been achieved. Provision of adequate height of stack attached to DG sets & flare is to be done.	PPs Submission	Complied Complied 29-05-2025 Attachment:NA
4	WATER QUALITY MONITORING AND PRESERVATION	Waste water shall be properly collected and treated so as to conform to the standards prescribed under EP Act & Rules and mentioned in the Consents provided by the relevant SPCB.	PPs Submission	Waste water is collected and treated in Effluent Treatment plant and conforms to the standards prescribed under EP act and Rules. Complied 29-05-2025 Attachment:NA
5	Noise Monitoring & Prevention	The overall noise levels in and around the premises shall be limited within the prescribed 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 (day time) and 70 dBA (night time).	PPs Submission	Complied Complied 29-05-2025 Attachment:NA

6	MISCELLANEOUS	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 expansion project, if required. Requisite On-site and Off-site Disaster Management Plans will be prepared and implemented.	PPs Submission	Complied Complied 29-05-2025 Attachment:NA
7	MISCELLANEOUS	The project authorities will provide adequate funds as non-recurring and recurring expenditure to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so provided should not be diverted for any other purposes.	PPs Submission	Complied Complied 29-05-2025 Attachment:NA
8	WATER QUALITY MONITORING AND PRESERVATION	The company shall develop rain water harvesting structures to harvest the run-off water for recharge of ground water.	PPs Submission	Rainwater harvesting reservoir for usage of rainwater has been constructed having capacity of 50000 KL. Ground water recharging is also undertaken and completed through roof top rainwater harvesting at Admin locations inside the refinery premises. Complied 29-05-2025 Attachment:NA
9	Statutory compliance	The stipulated conditions will be monitored by the concerned Regional Office of this Ministry/ Central Pollution Control Board/ State Pollution Control Board. A six monthly compliance report and the monitored data should be submitted to them regularly. It will also be	PPs Submission	Six monthly EC compliance report is submitted. Report is uploaded on Company website also. CEMS and CAAQMS data is transferred to SPCB serves in real time. Complied 29-05-2025 Attachment:NA

		displayed on the Website of the Company.		
10	Statutory compliance	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both on hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.	PPs Submission	Complied. Complied 29-05-2025 Attachment:NA
11	Statutory compliance	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 put up on the website of the Company by the proponent.	PPs Submission	Complied Complied 29-05-2025 Attachment:NA
12	Corporate Environmental Responsibility	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 concerned Regional office of this Ministry.	PPs Submission	Complied Complied 29-05-2025 Attachment:NA

13	Statutory compliance	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 Office of the MoEF by e-mail..	PPs Submission	Complied Complied 29-05-2025 Attachment:NA
14	Statutory compliance	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	PPs Submission	Approval: 05-03-2009 Date of Commissioning: October 2013 Financial Closure- December 2014 Complied 29-05-2025 Attachment:NA
15	WATER QUALITY MONITORING AND PRESERVATION	A separate environment management cell with full-fledged laboratory facilities to carry out various management and monitoring functions shall be set up under the control of a Senior Executive.	PPs Submission	Environment Management Cell is fully functional in the refinery. In house NABL approved Lab for various analysis is in operation. Complied 29-05-2025 Attachment:NA

Document uploaded by the PP

Last Site Visit Report (if available)

[Click to View](#)

Last Site Visit Report Date (if available)

13-08-2024

Additional Attachment (if any)

[Click to View](#)

Additional Remarks (if any)

Diesel Hydro Treating facility (DHT) 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.

Cover Letter From RO/SRO

Cover Letter From RO/SRO

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