



परिवेश
PARIVESH
(CPC GREEN)

पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय

Ministry of Environment, Forest and Climate Change



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Proposal Details

Proposal No

IA/MH/IND2/30816/2013

Category

Industrial Projects - 2

Proposal Name

Construction of Storage tanks associated facilities at Mumbai Refinery-II, Village Anik, Chembur, Maharashtra by M/s HPCL.

Plot / Survey/ Khasra No.

Village(s)

Sub-District(s)

State

MAHARASHTRA

District

MUMBAI?SUBURBAN

MoEF File No

J-11011/121/2013- IA-II (I)

**Name of the Entity/
Corporate Office**

R S RAO

Entity's PAN

NA

Entity Name as per PAN

NA

Entity details mentioned above is correct ?

Agree

Compliance Reporting Details

Reporting Year

2023

Reporting Period

01 Jun(01 Oct - 31 Mar)

Remark(if any)

Construction of Storage tanks associated facilities at Mumbai Refinery-II - EC compliance for the period Oct 2022 to Mar 2023.

Details of Production and Project Area

Date of Commencement of Project/Activity

05-04-2016

| | Project Area as per EC Granted | Actual Project Area in Possession |
|--------------|--------------------------------|-----------------------------------|
| Private | 0 | 0 |
| Revenue Land | 0 | 0 |
| Forest | 0 | 0 |

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|--------|---|---|
| Others | 0 | 0 |
| Total | 0 | 0 |

| PRODUCTION CAPACITY | | | | | | | |
|---------------------|---------------------|-----------|-------------------|---|--|-------------|---------------------------------------|
| 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 | NA | Others:NA | NA | No production only storage tank facility as per CTO | Format1.0/CAC/UAN No.MPCB-CONSENT-0000130492/CR/2212000453 | 31-03-2027 | NA |

Conditions

Specific Conditions

| Sr.No. | Condition Type | Condition Details | Status of Compliance,Remarks/Reason and Supporting Documents | |
|--------|---|--|--|--|
| 1 | Statutory compliance | Adequate buffer zone around the oil tankages, as may be required as per OISD or other statutory requirements. | PPs Submission | Layout has been prepared by Project PMC (M/s Engineers India Limited) as per OISD 118 and PESO approval has been obtained on the layout. Complied Attachment: NA |
| 2 | AIR QUALITY MONITORING AND PRESERVATION | Regular online monitoring of VOC and HC in the work zone area in the plant premises should be carried and data be submitted to Ministry's regional office at Bhopal, CPCB and State Pollution Control Board. | PPs Submission | 2 nos. of Ambient air monitoring stations are being installed at site to monitor (VOC & HC) quality of ambient air. Online data is |

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| | | | | being transferred to CPCB / MPCB servers. Complied Attachment: NA |
| 3 | WATER QUALITY MONITORING AND PRESERVATION | Total fresh water requirement from ground water source should not exceed 5 m3/hr and prior permission should be obtained from the concerned authority. | PPs Submission | No ground water consumption is envisaged for the proposed project. Water is sourced from the Refinery adjacent to the project site. Complied Attachment: NA |
| 4 | WATER QUALITY MONITORING AND PRESERVATION | The company shall construct the garland drain all around the project site to prevent run off of any oil containing waste into 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. | PPs Submission | Oily waste water is routed separately through OWS sump to ETP for treatment. During rain, clean storm water drain from other non-oil contaminated areas is connected to Oil Catcher before connecting to the nearby storm water drain. Complied Attachment: NA |
| 5 | WATER QUALITY MONITORING AND PRESERVATION | The oil draw off shall be treated in the existing ETP of the refinery. The treated effluent will be used for gardening/horticulture purpose. Oily sludge will be disposed off through approved TSDF facilities. No effluent shall be discharged outside the premises. | PPs Submission | Generated effluent is collected in OWS sump and routed back to refinery for further processing at ETP. Treated effluent is recycled back in the process. Oily sludge is bio-remediated within the Refinery. Complied Attachment: NA |

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| 6 | WATER QUALITY MONITORING AND PRESERVATION | Storm water should pass through efficient oil and grease catchers to trap leaked oil and grease. | PPs Submission | As per design, Oil catcher has been provided on storm water drain to trap oil leak, if any. Complied Attachment: NA |
| 7 | Statutory compliance | OISD guidelines regarding safety against fire, spillage, pollution control, etc. shall be followed. Company should ensure no oil spillage occur during loading/unloading of petroleum products. | PPs Submission | Design guideline is implemented and operational safeguard are in place. Complied Attachment: NA |
| 8 | Statutory compliance | The project authorities shall strictly comply with the provisions made in Manufacture, Storage and Import of Hazardous Chemical Rules 1989, amended in 2000 and the Public Liability Insurance Act for handling the hazardous chemicals, etc. All the hazardous waste shall be properly treated and disposed off on accordance with the Hazardous Waste (Management, Handling and Trans-boundary movement) Rules 2008 and its subsequent amendments. | PPs Submission | Applicable provisions as mentioned in Manufacture, Storage and Import of Hazardous Chemical Rules 1989, amended in 2000 and the Public Liability Insurance Act for Hazardous Chemical have been taken care of. PESO approval required for the project has been obtained. Complied Attachment: NA |
| 9 | Statutory compliance | Necessary approvals of Chief Controller of Explosives must be obtained before commissioning of project. Requisite on-site and off-site Disaster Management Plan will be prepared and implemented. | PPs Submission | Petroleum Explosive Safety Organization (PESO) approval has been obtained for construction. Existing on-site and off-site Disaster |

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| | | | | Management Plan is upgraded to include MR-II facilities. Complied Attachment: NA |
| 10 | Risk Mitigation and Disaster Management | The company shall obtain all requisite clearances for fire safety and explosives and shall comply with the stipulation made by the respective authorities. | PPs Submission | Complied. Complied Attachment: NA |
| 11 | Statutory compliance | All the storage tanks shall be provided with design features based on applicable OISD standards. | PPs Submission | Complied. 38 hydrocarbon tanks & 2 fire water tanks. Complied Attachment: NA |
| 12 | Statutory compliance | Fully automated Tank Farm Management System (TFMS) will be provided for accounting of products and reconciliation. | PPs Submission | TFMS is implemented. Complied Attachment: NA |
| 13 | Risk Mitigation and Disaster Management | 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. | PPs Submission | Existing emergency response plan of the Refinery is upgraded to include MR-II facilities. Complied Attachment: NA |
| 14 | MISCELLANEOUS | Bottom Oil sludge shall be handled, stored and disposed off as per CPCB/MoEF guidelines. | PPs Submission | Complied. Complied Attachment: NA |

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| 15 | Human Health Environment | Occupational Health Surveillance of workers shall be done on regular basis and records maintained as per Factory Act. | PPs Submission | Complied. Complied Attachment: NA |
| 16 | GREENBELT | At least 10 m wide thick green belt shall be developed on all sides along the periphery of the project area, in downward direction and along the road sides, etc. Selection of plant species shall be as per CPCB guidelines in consultation with the DFO. | PPs Submission | Considering the plot size and tankage layout, required 10 m wide thick green belt on all sides is not feasible. However, green belt is being developed along the periphery. Demarcated area of 11.86 acres is being developed as green belt. Complied Attachment: NA |
| 17 | WATER QUALITY MONITORING AND PRESERVATION | The Company shall harvest surface as well as rain water from the rooftops of the buildings proposed in the project and storm water drains to recharge the ground waters and use the same water for the various activities of the project to conserve fresh water. | PPs Submission | Rain water harvesting is being implemented in Administrative Building of the project site. Complied Attachment: NA |
| 18 | Statutory compliance | All the recommendations mentioned in the EMP/DMP shall be implemented. | PPs Submission | Noted. Complied Attachment: NA |
| 19 | PUBLIC HEARING | All the commitments made regarding issues raised during public hearing consultation meeting shall be satisfactorily implemented. Adequate budgetary provision shall be kept for implementation. | PPs Submission | Public hearing commitments with respect to CSR activities in surrounding areas related to healthcare and infrastructure development |

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| | | | | are being implemented. Details of the same are attached as Annexure I. Complied Attachment: Click to View |
| 20 | Corporate Environmental Responsibility | 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. | PPs Submission | Already in place as per the existing guidelines. Details of the same are attached as Annexure I. Complied Attachment: Click to View |
| 21 | Human Health Environment | Provision shall be made for the housing of construction labor within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, 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. | PPs Submission | Construction complete. Complied Attachment: NA |

General Conditions

| Sr.No. | Condition Heading | Condition Details | Status of Compliance, Remarks/Reason and Supporting Documents | |
|--------|-------------------------------|--|---|--|
| 1 | 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 | Noted. Complied Attachment: NA |
| 2 | 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 | PPs Submission | All necessary noise control measures including acoustic hoods, silencers, enclosures etc. wherever |

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| | | 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). | | applicable has been considered. Noise levels confirm to the prescribed standard. Complied Attachment: NA |
| 3 | WATER QUALITY MONITORING AND PRESERVATION | The company shall harvest rain water from the rooftops of the buildings and storm water drains to recharge the ground water and use the same water for the process activities of the project to conserve fresh water. | PPs Submission | Rain water harvesting is implemented in Administrative Building of the project site. Complied Attachment: NA |
| 4 | Risk Mitigation and Disaster Management | Training shall be imparted to all employees of safety and health aspects of chemical handling. Pre-employment and routine periodical medical examinations of all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted. | PPs Submission | Complied. Complied Attachment: NA |
| 5 | Human Health Environment | Usage of Personal Protection Equipment (PPEs) by all employees/workers shall be ensured. | PPs Submission | Complied. Complied Attachment: NA |
| 6 | AIR QUALITY MONITORING AND PRESERVATION | The company shall also comply with Environmental Protection Measures and safeguard proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, risk mitigation measures and public hearing related to the project shall be implemented. | PPs Submission | Complied. Kindly refer Annexure ?I. Complied Attachment: Click to View |
| 7 | Corporate Environmental Responsibility | The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. CSR activities shall be undertaken by involving local villages and administration. | PPs Submission | Project is coming up adjacent to the existing Refinery premises. Various CSR activities are already in place for the surrounding areas. |

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| | | | Kindly refer Annexure -I Complied Attachment: Click to View |
| 8 | Corporate Environmental Responsibility | The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment. | PPs Submission Eco-developmental measures including community welfare measures for the overall improvement of the environment in the near vicinity of the Project is being undertaken under CSR. Kindly refer Annexure ? I for details. Complied Attachment: Click to View |
| 9 | Corporate Environmental Responsibility | A separate environment management cell with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions. | PPs Submission Complied. Complied Attachment: NA |
| 10 | MISCELLANEOUS | As proposed, the company shall earmark sufficient funds towards capital cost and recurring cost per annum 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 earmarked shall not be diverted for any other purpose. | PPs Submission Complied. Complied Attachment: NA |
| 11 | MISCELLANEOUS | A copy of clearance letter shall be sent by the project proponent to concerned Panchayat, ZilaParishad/Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/representations if any, were received while processing the proposal. | PPs Submission Complied. Complied Attachment: NA |

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| 12 | MISCELLANEOUS | 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 MPCB. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company. | PPs Submission | Complied. Complied 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 MoEF by e-mail. | PPs Submission | Complied. Complied Attachment: NA |
| 14 | MISCELLANEOUS | 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 | Environmental Clearance letter received on April 22, 2016 and advertisement published on April 29, 2016 in ?Indian Express? and ?Sakal?. Kindly refer Annexure - III Complied Attachment: Click to View |
| 15 | MISCELLANEOUS | 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 | Project approved vide HPCL board meeting dated September 29, 2015. Environmental Clearance letter received on April 22, 2016. Consent to Establish received from Maharashtra Pollution Control |

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| | | | | <p>Board (MPCB) on May 25, 2018. Intimation letter for change in project configuration submitted to MoEFCC, New Delhi on July 20, 2018 as there is no change in pollution load. Revised CTE for change in configuration from MPCB received on March 26, 2019. Consent To Operate (CTO) received from MPCB on June 12, 2020. Renewal of Consent To Operate (CTO) received from MPCB on July 15, 2020. Financial closure is in progress.</p> <p>Complied</p> <p>Attachment: NA</p> |
| 16 | AIR QUALITY MONITORING AND PRESERVATION | The locations of ambient air quality monitoring stations shall be decided in consultation with the State Pollution Control Board (SPCB) and it shall be ensured that at least one station is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated. | PPs Submission | <p>Locations have been finalized in consultation with the EIA consultant (M/s EIL) and provided information of the same to Maharashtra Pollution Control Board (MPCB). Kindly Refer attached Annexure II.</p> <p>Complied</p> <p>Attachment: Click to View</p> |

Document Upload

Last Site Visit Report (if available)

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Last Site Visit Report Date (if available)

19-08-2019

Additional Attachment (if any)

NA

Additional Remarks (if any)

Construction of Storage tanks associated facilities at Mumbai Refinery-II - EC compliance for the period Oct 2022 to Mar 2023.

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