

Compliance of Environmental Clearance conditions for the period 1st October, 2023 to 31st March, 2024

Project: Arab Mix Crude Oil Pipeline from Crude Oil Terminal at Mundra, Gujarat to HPCL Rajasthan Refinery (HRRL) at Pachpadra, Barmer district, Rajasthan by M/s. HPCL Rajasthan Refinery Limited

Reference No.: EC Identification No. EC21A027GJ110220 - F. No. J-11011/87/2013-IA-II(I) dated 08th October, 2021 by Ministry of Environment, Forests and Climate Change, GOI.

16. Based on the proposal submitted by the project proponent and recommendations of the EAC (Industry-2), Ministry of Environment, Forest and Climate Change hereby accords environmental clearance to the project for Arab Mix Crude Oil Pipeline from Crude Oil Terminal at Mundra, Gujarat to HPCL Rajasthan Refinery (HRRL) at Pachpadra, Barmer district, Rajasthan by M/s. HPCL Rajasthan Refinery Limited, under the provisions of the EIA Notification, 2006, and the amendments therein, subject to compliance of the terms and conditions as under:-

A. Specific Conditions (Compliance of terms and conditions):

| | | |
|-----|--|--|
| (i) | Environmental Clearance is subject to Forest Clearance (as per Forest Conservation Act, 1980), NBWL clearance (The Wildlife Protection Act, 1972) & CRZ Clearance (as per CRZ Notification 2011/2019). Project proponent shall comply with all the conditions stipulated in all the above clearances/NOC issued and commencement of operations shall be done after issuance of all clearances as applicable. | Complied. <ul style="list-style-type: none">➤ Wildlife Clearance from National Board for Wild Life has been received on 10.05.2021 vide letter no. F. No. 6-8/2021WL for diversion of 10.84 ha of forest land from Wild Ass Sanctuary.➤ In-principle (Stage-I) forest approval from MoEFCC (Integrated Regional Office, Gandhinagar) has been received vide letter no. F.No.6-GJC 039/2021-BHO/387 I/4850/2021 dated 25.06.2021 for diversion of 9.0487 ha forest land. Final stage –II approval received via File no 6 –GJC039/2021-BHO dated 22.02.22➤ CRZ clearance is not applicable for the proposed project.➤ CTE is obtained from Rajasthan State Pollution Control Board (RSPCB) on 10th March 2022 (order no: 2021-2022/HDF/8922).➤ NOC is obtained from Gujarat Pollution Control Board (GPCB) on 22nd Feb 2021 (File no. GPCB/PCB ID: 80863). |
|-----|--|--|

| | | |
|--------|---|--|
| (ii) | Project proponent shall implement Conservation Plan for Schedule-I species and all other plans related to various clearances within the stipulated time frame. | National Board for Wildlife (NBWL) approval for the pipeline crossing through Wild Ass sanctuary in Gujarat has already been obtained vide File No.6-8/2021 WL dated 10.05.2021. Chief Wildlife Warden has approved Wildlife Conservation Plan vide letter ref WLP /32/C/667-669/2021-2022 dated 20.12.2021. |
| (iii) | The project authority shall ensure restoration of the Right of Way to preconstruction level as soon as construction activity completed. To ensure prevention of soil erosion, backfilled areas should be properly compacted. | Noted & shall be complied with. |
| (iv) | Fresh water requirement for proposed project will be 7 KLD. Water demand will be met from bore well/local source for IP and SV stations. Prior permission shall be obtained from the concerned regulatory authority/CGWA in this regard, and renewed from time to time. | Water demand in operation phase will be met from bore well/local sources. Permission shall be taken from the concerned regulatory authority during operation phase. |
| (v) | SCADA system shall be installed with dedicated optical fiber based telecommunication link for safe operation of pipeline and leak detection system. | Noted & Shall be complied with. |
| (vi) | Intelligent pigging facilities shall be provided for the entire pipeline system for internal corrosion monitoring. Coating and impressed current cathodic protection system shall be provided to prevent external corrosion. | Noted & Shall be complied with. |
| (vii) | All the recommendations mentioned in the risk assessment report shall be implemented and Emergency response plan shall be based on guideline prepared by OISD. | Noted & Shall be complied with. |
| (viii) | Requisite Onsite and Offsite Disaster Management Plans shall be prepared and implemented. | Onsite and Offsite Disaster Management Plan for the Crude oil pipeline will be prepared during operation phase. |
| (ix) | The company shall obtain all requisite clearances for fire safety and shall comply with the stipulation made by the respective authorities. | Noted & Shall be complied with. |
| (x) | The construction of pipelines through the water bodies shall be avoided during the rainy season/ breeding seasons of aquatic animals. | Noted & Shall be complied with. |
| (xi) | The riverbed, embankments and dykes shall be restored adequately after installation of crossings. | Noted & Shall be complied with. |

| | | |
|---------|--|--|
| (xii) | For the DG sets, emission limits and the stack height shall be in conformity with the extant regulations and the CPCB guidelines. Acoustic enclosure shall be provided to DG set for controlling the noise pollution. | Noted and Shall be complied with, as applicable during the Construction and operation phase of the project. |
| (xiii) | Annual safety audit shall be carried out for the initial three years by an independent agency (OISD/PNGRB/DGMS etc.) and report submitted to this Ministry for ensuring the strict compliance of safety regulations on operation and maintenance. | Noted & Shall be complied with. |
| (xiv) | The construction of pipeline particularly at the river and stream crossing shall be done during dry seasons to avoid disturbance of breeding seasons and soil erosion. The riverbed, embankments and / dykes shall be restored adequately after installation of crossings. | Noted and will be implemented. |
| (xv) | Pipeline wall thickness and minimum depth of burial at river crossings and casings at rails, major road crossings shall be in conformity with ANSI/ASME requirements. | Noted & Shall be complied with. |
| (xvi) | The PP shall follow horizontal drilling technique for laying of pipeline while passing through major rivers. | Shall be complied with. |
| (xvii) | The project authorities shall install SCADA/GPS system with dedicated optical fiber based telecommunication link for safe operation of pipeline and Leak Detection System. Additional sectionalizing valves in the residential areas and sensitive location shall be provided to prevent the leaking of gas going to the atmosphere in the event of pipeline failure. | Shall be complied with. |
| (xviii) | The project authorities shall patrol and inspect the pipeline regularly for detection of faults as per OISD/ PNGRB guidelines and continuous monitoring of pipeline operation by adopting non-destructive method(s) of testing as envisaged in the EMP. Pearson survey and continuous potential survey shall be carried out at regular intervals to ensure the adequacy of cathodic protection system. | Noted & Shall be complied with. |
| (xix) | Necessary approvals from Chief Controller of Explosives must be obtained before commissioning of the project. Requisite On-site and Off-site Disaster Management Plans shall be prepared and implemented. | Noted & Shall be complied. |
| (xx) | As per the Ministry's OM dated 30.09.2020 superseding the OM dated 01.05.2018 regarding the Corporate Environmental | Training and skill development is planned in study area. CER will be implemented in study area as per EC conditions. |

| | | |
|-----------|---|-----------------------------------|
| | Responsibility, and as per the action plan proposed by the project proponent to address the socioeconomic and environmental issues in the study area, the project proponent, as committed, shall provide education funds in technical training centers/ support in nearby village's schools, support in health care facilities, drinking water supply and funds for miscellaneous activities like solar street lights, battery, solar panel etc., in the nearby villages. The action plan shall to be completed within time as proposed. | |
| (xxi) | The acoustic chambers/barriers should be provided for individual units wherever feasible in the compressor stations. | Noted & Shall be complied with. |
| (xxii) | The workers camp should have arrangement for safe drinking water, hygienic kitchen and sanitation facilities. | Noted & Shall be complied with. |
| B. | Compliance of other general conditions | |
| (i) | No further expansion or modifications in the plant, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change/SEIAA, as applicable. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry/SEIAA, as applicable, to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any. | Noted. |
| (ii) | The energy source for lighting purpose shall be preferably LED based, or advanced having preference in energy conservation and environment betterment. | Noted and shall be complied with. |
| (iii) | The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under the Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time). | Noted. |
| (iv) | The company shall undertake all relevant measures for improving the socioeconomic conditions of the surrounding area. CER activities shall be undertaken by involving local villages and administration and shall be implemented. The company shall | Noted & Shall be complied with. |

| | | |
|--------|--|--|
| | undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment. | |
| (v) | The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/pollution control measures shall not be diverted for any other purpose. | Funds allocated for capital and recurring cost towards environment management/environment pollution control measures will be spent as mentioned in EIA report. |
| (vi) | A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. | A copy of the Clearance letter was submitted to the concerned Authorities in November, 2021. |
| (vii) | The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF&CC, the respective Zonal Office of CPCB and SPCB. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company. | The last compliance report for the period March 2023 to September 2023 was submitted to all statutory authorities on December 1st, 2023 and the same has been uploaded on the HRRL website with following link. https://www.hrri.in/ec_compliance_report . |
| (viii) | The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted 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 environmental clearance conditions and shall also be sent to the respective Regional Offices of MoEF&CC by email. | Noted & Shall be complied with. |
| (ix) | The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry and at https://parivesh.nic.in/ . This shall 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 | Complied. Environmental Clearance has been advertised on October 29, 2021 in Times of India (English) and Rajasthan Patrika (Hindi) Newspapers. |

| | | |
|------|---|--|
| | shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry. | |
| (x) | 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. | Final approval of the project from MoPNG has been obtained on 9th October 2017. Financial closure was completed on 28th January 2019. The project Start date is 04 th Nov 2021. |
| (xi) | This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project. | Noted. |
| 17 | The Ministry reserves the right to stipulate additional conditions, if found necessary at subsequent stages and the project proponent shall implement all the said conditions in a time bound manner. The Ministry may revoke or suspend the environmental clearance, if implementation of any of the above conditions is not found satisfactory. | Noted. |
| 18 | Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986. | Noted. |
| 19 | Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010. | Noted. |
| 20 | The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Hazardous Waste (Management, Handling and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 read with subsequent amendments therein. | Noted |