



हिन्दुस्तान पेट्रोलियम कॉर्पोरेशन लिमिटेड

(भारत सरकार उपक्रम) रजिस्टर्ड ऑफिस : 17, जमशेदजी टाटा रोड, मुंबई - 400 020.

HINDUSTAN PETROLEUM CORPORATION LIMITED

(A GOVERNMENT OF INDIA ENTERPRISE) REGISTERED OFFICE : 17, JAMSHEDJI TATA ROAD, MUMBAI - 400 020.



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CIN No.: L23201MH1952GOI008858

To,
The Member Secretary,
MoEF&CC (EC)
Ministry of Environment, Forest and Climate Change
Government of India, New Delhi

Ref. No. HPCL/DVLIF
Date: 21st November, 2024

Subject:

Name of Project: Proposed Construction of LPG Import Jetty with Dispatch Station at Survey No. 1504-A, Village Dahej, Taluka Vagra, District Bharuch, Gujarat by M/s Hindustan Petroleum Corporation Limited (HPCL).

Submission of six-monthly EC & CRZ compliance report (Second 6-monthly report) for the period of 1st April, 2024 to 30th September, 2024.

Reference:

File No: 10/26/2021-IA-III dated 29.08.2023.

Respected Sir(s),

We, Hindustan Petroleum Corporation Limited, have proposed to construct LPG Import Jetty with Dispatch Station at Survey No. 1504-A, Village Dahej, Taluka Vagra, District Bharuch, Gujarat.

The Ministry of Environment, Forest and Climate Change, IA Division granted Environment and CRZ Clearance for Construction of LPG Import Jetty with Dispatch Station at Survey No. 1504-A, Village Dahej, Taluka Vagra, District Bharuch, Gujarat by M/s Hindustan Petroleum Corporation Limited vide letter No. 10/26/2021-IA-III dated 29.08.2023.

As directed in the referred EC & CRZ Approval letter, we are submitting herewith six-monthly EC & CRZ compliance report (first report) for the period of 1st April, 2024 to 30th September, 2024 on implementation of various conditions of EC & CRZ as per clause 10 of EIA notification, 2006 & amended till date.

In this regard, it is to be kindly noted that the Project execution and construction has not yet started.

We hope you will find this in order. We shall look forward for your valuable inputs and advise in this regard please.

Thanking you,

 21/11/24

Yours Faithfully
Vishwanath Vanchi
Chief General Manager- Projects
Hindustan Petroleum Corporation Limited

Enclosed: EC & CRZ Approval Copy, Compliance Report along with relevant Enclosures.

Copy of EC & CRZ Compliance Report to:

- 1) The Member Secretary, Gujarat Pollution Control Board, Sector 10-A, Gandhinagar-382043, Gujarat.
- 2) Deputy Director General of Forests (C), Ministry of Environment, Forest and Climate Change, Integrated Regional Office, Gandhi Nagar A wing- 407 & 409, Aranya Bhawan, Near CH-3 Circle, Sector-10A, Gandhi Nagar-382010.
- 3) Scientist 'F', Parivesh Bhawan, Aatmajyoti Ashram Rd, Opp. VMC Ward Office No. 10, Subhanpura, Vadodara, Gujarat 390023.

2nd 6-MONHTLY COMPLIANCE REPORT

Compliance to Standard & Specific Conditions (for the period April,2024 to September, 2024) as mentioned in the Environmental Clearance to the proposed Project (EC23A3501GJ5136754N) dated 29.08.2023 by Ministry of Environment, Forest and Climate Change, GoI.

Standard EC & CRZ Conditions:

Sl. No.	Conditions	Status	Status of Compliance
1	Statutory Compliance		
1.1	Construction activity shall be carried out strictly according to the provisions of CRZ Notification, 2011 and the State Coastal Zone Management Plan as drawn up by the State Government. No construction work other than those permitted in Coastal Regulation Zone Notification shall be carried out in Coastal Regulation Zone area.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.
1.2	A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.
1.3	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Coast Guard, Civil Aviation Department shall be obtained, as applicable by project proponents from the respective competent authorities.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.
2	Air quality monitoring and preservation		

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2.1	The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx emissions) within and outside the project area at least at four locations, covering upwind and downwind directions.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.
2.2	Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed emission standards.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.
2.3	Shrouding shall be carried out in the work site enclosing the dock/proposed facility area. This will act as dust curtain as well achieving zero dust discharge from the site. These curtain or shroud will be immensely effective in restricting disturbance from wind in affecting the dry dock operations, preventing waste dispersion, improving working conditions through provision of shade for the workers.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.
2.4	Dust collectors shall be deployed in all areas where blasting (surface cleaning) and painting operations are to be carried out, supplemented by stacks for effective dispersion.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.

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2.5	The Vessels shall comply the emission norms prescribed from time to time.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.
2.6	Diesel power generating sets proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.
2.7	A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of	Agreed to Comply	As the finished product from the dispatch station shall be transported through underground pipelines and hence there will not be any heavy use of road facilities during the phase of operations. However, during construction there shall be movement of man, machinery and tools to and from the project site. Consultation with the PWD department shall be carried out.

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	components of the plan which involve the participation of these departments.		
3	Water quality monitoring and preservation		
3.1	The Project proponent shall ensure that no creeks or rivers are blocked due to any activities at the project site and free flow of water is maintained.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.
3.2	Appropriate measures must be taken while undertaking digging activities to avoid any likely degradation of water quality. Silt curtains shall be used to contain the spreading of suspended sediment during dredging within the dredging area.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.
3.3	No ships docking at the proposed project site will discharge its on-board waste water untreated in to the estuary/ channel. All such wastewater load will be diverted to the proposed Effluent Treatment Plant of the project site.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.
3.4	Measures should be taken to contain, control and recover the accidental	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied

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	spills of fuel and cargo handle.		during the project execution and construction stage.
3.5	The project proponents will draw up and implement a plan for the management of temperature differences between intake waters and discharge waters.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.
3.6	Spillage of fuel / engine oil and lubricants from the construction site are a source of organic pollution which impacts marine life. This shall be prevented by suitable precautions and also by providing necessary mechanisms to trap the spillage.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.
3.7	Total fresh water use shall not exceed the proposed requirement as provided in the project details. Prior permission from competent authority shall be obtained for use of fresh water.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.
3.8	Sewage Treatment Plant shall be provided to treat the wastewater generated from the project. Treated water shall be reused for horticulture, flushing, backwash, HVAC purposes and dust suppression.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.
3.9	A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point should be obtained.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.
3.10	No diversion of the natural course of the river shall be made without prior permission from the Ministry of Water resources.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.

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3.11	All the erosion control measures shall be taken at water front facilities. Earth protection work shall be carried out to avoid erosion of soil from the shoreline/boundary line from the land area into the marine water body.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.
4	Noise monitoring and prevention		
4.1	Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.
4.2	Noise from vehicles, power machinery and equipment on-site should not exceed the prescribed limit. Equipment should be regularly serviced. Attention should also be given to muffler maintenance and enclosure of noisy equipment.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.
4.3	Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.
4.4	The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.
5	Energy Conservation measures		

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5.1	Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly;	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.
5.2	Provide LED lights in offices and project areas.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.
6	Waste management		
6.1	Dredged material shall be disposed safely in the designated areas.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.
6.2	Shoreline should not be disturbed due to dumping. Periodical study on shore line changes shall be conducted and mitigation carried out, if necessary. The details shall be submitted along with the six-monthly monitoring reports.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.
6.3	Necessary arrangements for the treatment of the effluents and solid wastes must be made and it must be ensured that they conform to the standards laid down by the competent authorities including the Central or State Pollution Control Board and under the Environment (Protection) Act, 1986.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.
6.4	The solid wastes shall be managed and disposed as per the norms of the Solid Waste Management Rules, 2016	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.
6.5	Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.

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	Construction and Demolition Waste Management Rules, 2016.		
6.6	A certificate from the competent authority handling municipal solid wastes should be obtained, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.
6.7	Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.
6.8	Oil spill contingency plan shall be prepared and part of DMP to tackle emergencies. The equipment and recovery of oil from a spill would be assessed. Guidelines given in MARPOL and Shipping Acts for oil spill management would be followed. Mechanism for integration of terminals oil contingency plan with the overall area contingency plan under the co-ordination of Coast should be covered.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.
7			
7	Green Belt		
7.1	Green belt shall be developed in area as provided in project details with a native tree species in accordance with CPCB guidelines.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.
7.2	Top soil shall be separately stored and used in the development of green belt.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.

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8	Marine Ecology		
8.1	Dredging shall not be carried out during the fish breeding and spawning seasons.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.
8.2	Dredging, etc shall be carried out in the confined manner to reduce the impacts on marine environment.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.
8.3	The dredging schedule shall be so planned that the turbidity developed is dispersed soon enough to prevent any stress on the fish population.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.
8.4	While carrying out dredging, an independent monitoring shall be carried out through a Government Agency/Institute to assess the impact and necessary measures shall be taken on priority basis if any adverse impact is observed.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.
8.5	A detailed marine biodiversity management plan shall be prepared through the NIO or any other institute of repute on marine, brackish water and fresh water ecology and biodiversity and submitted to and implemented to the satisfaction of the State Biodiversity Board and the CRZ authority. The report shall be based on a study of the impact of the project activities on the intertidal biotopes, corals and coral communities, molluscs, sea grasses, sea weeds, sub-tidal habitats, fishes, other marine and aquatic micro, macro and	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.

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	mega flora and fauna including benthos, plankton, turtles, birds etc. as also the productivity. The data collection and impact assessment shall be as per standards survey methods and include underwater photography.		
8.6	Marine ecology shall be monitored regularly also in terms of sea weeds, sea grasses, mudflats, sand dunes, fisheries, echinoderms, shrimps, turtles, corals, coastal vegetation, mangroves and other marine biodiversity components including all micro, macro and mega floral and faunal components of marine biodiversity.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.
8.7	The project proponent shall ensure that water traffic does not impact the aquatic wildlife sanctuaries that fall along the stretch of the river.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.
9	Public hearing and human health issues		
9.1	The work space shall be maintained as per international standards for occupational health and safety with provision of fresh air respirators, blowers, and fans to prevent any accumulation and inhalation of undesirable levels of pollutants including VOCs.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.


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9.2	Workers shall be strictly enforced to wear personal protective equipment like dust mask, ear muffs or ear plugs, whenever and wherever necessary/required. Special visco-elastic gloves will be used by labour exposed to hazards from vibration.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.
9.3	In case of repair of any old vessels, excessive care shall be taken while handling Asbestos & Freon gas. Besides, fully enclosed covering should be provided for the temporary storage of asbestos materials at site before disposal to CTSDF.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.
9.4	Safety training shall be given to all workers specific to their work area and every worker and employee will be engaged in fire hazard awareness training and mock drills which will be conducted regularly. All standard safety and occupational hazard measures shall be implemented and monitored by the concerned officials to prevent the occurrence of untoward incidents/accidents.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.
9.5	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.

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9.6	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, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.
9.7	Occupational health surveillance of the workers shall be done on a regular basis.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.
10	Environment Responsibility		
10.1	The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest /wildlife norms/ conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.	Complied	HPCL is having duly approved environmental Policy and the same is attached as Enclosure-I along with this compliance report.

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10.2	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly report to the head of the organization.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.
10.3	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six-Monthly Compliance Report.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.
10.4	Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.
11	Miscellaneous		
11.1	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in	Complied	The EC granted for this project was made public by publishing in the local newspapers in two languages. The proof of the same is attached as Enclosure-II. The same has also been displayed on the official website of the Company permanently. Proof has been attached as screenshot of the web-page as Enclosure-III. Link to access the same is as below: https://www.hindustanpetroleum.com/pages/Regulatory-Requirements


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	addition this shall also be displayed in the project proponent's website permanently.		
11.2	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.	Complied	The same was submitted to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government and was displayed in their notice board for 30 days. Acknowledged copy of submission is attached as Enclosure-IV along with this compliance report.
11.3	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.	Agreed to Comply	It will be uploaded on the official website of the company.
11.4	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.	Agreed to Comply	It will be complied and the compliance report shall be submitted on Parivesh 2.0 Portal of MoEF&CC. This is the SECOND six-monthly report for the period April, 2024 to September, 2024.
11.5	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage. Form-V along with covering letter has been submitted to the State Pollution Control Board for the FY 23-24 and is attached as Enclosure- V.

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	and put on the website of the company.		
11.6	The criteria pollutant levels namely; PM2.5, PM10, SO2, NOx (ambient levels) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.
11.7	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.
11.8	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.
11.9	No further expansion or modifications in the project shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.
11.10	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.	Agreed to Comply	It will be ensured

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11.1 1	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory under the provisions of the Environmental (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.	Agreed to Comply	It will be ensured
11.1 2	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	Agreed to Comply	It will be ensured.
11.1 3	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.	Agreed to Comply	It will be ensured.
11.1 4	The above conditions shall 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, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and	Agreed to Comply	It will be ensured.

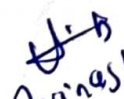
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	any other Court of Law relating to the subject matter.		
11.1 5	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Agreed to Comply	We have not received any appeal and referral to NGT withing the prescribed 30 days' time period.
12 12.1	Specific Condition		
1	Construction activity shall be carried out strictly according to the provisions of the CRZ Notification, 2011. No Construction work other than those permitted in Coastal Regulation Zone Notification shall be carried out in Coastal Regulation Zone area.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.
2	All the recommendations and conditions specified by the Gujarat State Coastal Zone Management Authority (GCZMA) vide letter No ENV-10-2022-93-T dated 8th June, 2023 shall be complied with.	Agreed to comply	All the conditions specified by GCZMA vide letter No ENV-10-2022-93-T dated 8th June, 2023 will be complied and the compliance report has been included as Annexure-I in this six-monthly compliance report.
3	Migratory Bird Species study was conducted by the GUIDE and its recommendations will be implemented. The status report of the same shall be submitted along with the six-Monthly compliance report to the concern regional office of the Ministry. GUIDE will monitor the movement and impacts on birds during and two years post	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.

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	construction and accordingly bird monitoring costs to be provided to GUIDE.		
4	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Firefighting system shall be as per the norms. PESO certificate shall be obtained.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.
5	The company shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.
6	Oil spillage prevention and mitigation scheme shall be prepared. In case of oil spillage/contamination, action plan shall be prepared to clean the site by adopting proven technology. The recyclable waste (oily sludge) and spent oil shall be disposed of to the authorized recyclers.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.
7	Implementation of Action Plan on the issues raised during the Public Hearing shall be ensured. The Project Proponent shall undertake all the tasks as per the Action Plan submitted with budgetary provisions during the Public Hearing.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.

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8	During production, storage and handling, the fugitive emission of methane, if any, shall be monitored using Infra-red camera/ appropriate technology.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.
9	The project proponent shall take necessary measures to prevent fire hazards, containing oil spill and soil remediation as needed. At fixed installations or plants use of ground flare shall be explored. At the place of ground flaring, the overhead flaring stack with knockout drums shall be installed to minimize gaseous emissions during operation.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.
10	Continuous online (24x7) monitoring system for stack emissions/effluent shall be installed for measurement of flue gas discharge and the pollutants concentration, and the data to be transmitted to the CPCB and SPCB server. For online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.
11	The project proponent shall develop a contingency plan for H2S release including all necessary aspects from evacuation to resumption of normal operations. The workers shall be provided with personal H2S detectors in locations of high risk of exposure along with self-containing breathing apparatus.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.

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12	Blow Out Preventer system shall be installed to prevent well blowouts during drilling operations.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.
13	Consent to Establish/Operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.	Agreed to Comply	CTE: 58022 has been received from GPCB dated 06.10.2022 attached as Enclosure-VI in this six-monthly compliance report. Consent to operate will be obtained before start of commissioning/operation.
14	The project proponent shall comply with the air pollution mitigation measures as submitted.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.
15	The Project proponent shall ensure that no creeks or rivers are blocked due to any activities at the project site and free flow of water is maintained.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.
16	No underwater blasting is permitted.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.
17	Necessary approvals be taken during implementation and commissioning from statutory bodies concerned.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage
18	Shoreline should not be disturbed due to dumping. Periodical study on shore line changes shall be conducted and mitigation carried out, if necessary. The details shall be submitted along with the six-monthly monitoring report.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.

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19	A continuous monitoring programme covering all the seasons on various aspects of the coastal and marine environs need to be undertaken by Nationally reputed academic institutes such as MS University Baroda with rich experiences in marine science aspects. Monitoring should include sea weeds, sea grasses, mudflats, sand dunes, fisheries, mangroves and other marine biodiversity components as part of the management plan. Separate financial provision for the same should be made in the EMP.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.
20	Continuous online monitoring of air and water covering the total area shall be carried out and the compliance report of the same shall be submitted along with the 6- monthly compliance reports to the regional office of MoEF&CC.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.
21	Effective and efficient pollution control measures like covered conveyors/stacks (coal, iron ore and other bulk cargo) with fogging/back filters and water sprinkling commencing from ship unloading to stacking to evacuation shall be undertaken. Coal and iron ore stack yards shall be bounded by thick two-tier green belt with proper drains and wind barriers wherever necessary.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage

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22	Sediment concentration should be monitored fortnightly at source and disposal location of dredging while dredging.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.
23	Spillage of fuel / engine oil and lubricants from the construction site are a source of organic pollution which impacts marine life, particularly benthos. This shall be prevented by suitable precautions and also by providing necessary mechanisms to trap the spillage.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.
24	Necessary arrangements for the treatment of the effluents and solid wastes/ facilitation of reception facilities under MARPOL must be made and it must be ensured that they conform to the standards laid down by the competent authorities including the Central or State Pollution Control Board and under the Environment (Protection) Act, 1986. The provisions of Solid Waste Management Rules, 2016. E-Waste Management Rules, 2016, and Plastic Waste Management Rules, 2016 shall be complied with.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.
25	All the recommendations mentioned in the rapid risk assessment report, disaster management plan and safety guidelines shall be implemented.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.
26	As per the Ministry's Office Memorandum F. No. 22-65/2017-IA.III dated 30th September, 2020, the project proponent shall abide by all the commitments made by them to address the	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage.

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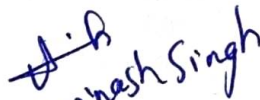
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<p>concerns raised during the public consultation. The project proponent shall initiate the activities proposed by them, based on the commitment made in the public hearing, and incorporate in the Environmental Management Plan and submit to the Ministry. All other activities including pollution control, environmental protection and conservation, R&R, wildlife and forest conservation/protection measures including the NPV, Compensatory Afforestation etc, either proposed by the project proponent based on the social impact assessment and R&R action plan carried out during the preparation of EIA report or prescribed by EAC, shall also be implemented and become part of EMP.</p>		
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Shiv Shankar Jha
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Anvesh Singh



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Annexure-I

Compliance to Conditions issued by Gujarat Coastal Zone Management Authority (GCZMA), for the proposed project vide File No: ENV – 10 – 2022 – 93 – T dated 08.06.2023.

Sl. No.	Conditions	Status of Compliance	Compliance
1.	The provisions of the CRZ notification, 2011 and as amended from time to time shall be strictly adhered to by HPCL.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage
2.	HPCL shall obtain all necessary clearances/NOC from concerned competent authorities/ departments before construction and commissioning of the activities.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage
3.	HPCL shall carry out mangrove plantation in 100 ha in consultation with Forest Department or Gujarat Ecology Commission within period of six months from the date of CRZ clearance. In case of the plantation may not be done within specified period then GCZMA may ask HPCL to deposit equivalent amount as per approved rate by Forest Department with the Gujarat Coastal Zone Management Authority to plant 100 ha of Mangroves through Forest Department/ Gujarat Ecology Commission.	Agreed to Comply	HPCL is doing the required necessary co-ordinations with Forest Department / Gujarat Ecology Commission / Gujarat Coastal Zone Management Authority for compliance of this condition.
4.	No dredging shall be carried out in CRZ- 1A area. Dredging shall be as per the Dredging Plan and disposal of Dredged materials shall be carried at designated area identified based on scientific study only.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage

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Sl. No.	Conditions	Status of Compliance	Compliance
5.	HPCL shall have to take precaution during dredging operations and reduce dispersal of suspended load will be employed including scheduling dredging operation during a tidal condition so as to cause least increases suspended load and siltation.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage
6.	HPCL shall carry out Corporate Environment Responsibility (CER) programs in line with the commitments made in the Environment Management Plan submitted and shall submit the report to Director (Environment) & MS, GCZMA periodically, as per Corporate Social Responsibility PP has to earmarked Rs. 1 Cr. for the protection, preservation of Coastal Environment.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage
7.	HPCL shall implement all the recommendations made in EIA report by the consultant and periodically compliance report shall be submitted to competent authorities including GCZMA.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage
8.	HPCL shall obtain necessary permissions from GPCB, GMB and other concerned authorities as per norms.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage
9.	HPCL shall have to implement all the recommendations submitted in Disaster Management Plan submitted by them.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage
10.	The labour camps shall be located outside the CRZ area and labour	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be

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Sl. No.	Conditions	Status of Compliance	Compliance
	shall be provided with the necessary amenities, including sanitation, water supply and fuel and it shall be ensured that the environmental conditions are not deteriorated by the labours.		complied during the project execution and construction stage
11.	Groundwater shall not be tapped to meet with the water requirements in any case.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage
12.	No effluent or sewage or wastes shall be discharged into the sea/creek or in the CRZ area and it shall be treated/ managed conforming to the norms prescribed the by the Gujarat Pollution Control Board and shall be reused/ recycled as per the approval of the Board.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage
13.	HPCL shall obtain consents/ authorization/ permission of the Gujarat Pollution Control Board under applicable Water (Prevention and Control of Pollution) Act, 1974, Air (Prevention and Control of Pollution) Act, 1981 and Rules made under Environment (Protection) Act, 1986. Discharge of pollutants shall not exceed the limits prescribed under the Environmental Acts/ Rules.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage HPCL has obtained CTE from GPCB with CTE No: 58022 dated 06.10.2022. It is attached as Enclosure-VI with this compliance report. Consent to operate will be obtained before start of commissioning/operation.
14.	HPCL shall adopt the necessary soil conservation measures to prevent any exposed soil from being eroded or blown over.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage

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Sl. No.	Conditions	Status of Compliance	Compliance
15.	A separate Environmental Cell with qualified personnel shall be created to implement the Environmental Management Plan and a separate budget shall be provided for this purpose.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage
16.	HPCL shall implement programs in line with the commitments made in the Environment Management Plan submitted and shall submit the reports to GCZMA periodically.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage
17.	A separate budget shall be earmarked for environmental management and socioeconomic activities and details thereof shall be furnished to this Department. The details with respect to the expenditure from this budget head shall also be furnished.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage
18.	HPCL shall have to contribute financially for taking up the socio-economic upliftment activities in this region in consultation with the Forests and Environment Department and the District Collector/ District Development Officer.	Agreed to Comply	The Project execution and construction is yet to be started. This condition will be complied during the project execution and construction stage
19.	Any additional condition that may be imposed by Department/ GCZMA authority/ Ministry of Environment Forest and Climate Change from time to time shall have to be complied with by HPCL.	Agreed to Comply	NIL

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