

CRZ Compliance Report

Name of Project	CRZ Clearance for Onshore Gas Terminal at Mallavaram setting up of Process cum Living Quarter Platform at Offshore in KG-OSN2001/03, Andhra Pradesh and laying of 20" underground Gas Pipeline along with OFC and 10" effluent disposal pipeline passing through CRZ area of Yanam, Puducherry
File Reference	CRZ Letter F. No. 11-21/2013-IA.III
Reporting Period	April 2025 to Sept 2025

A. SPECIFIC CONDITION:

Sr. No.	Specific Conditions	Compliance status
i.	Consent for establishment" shall be obtained from Andhra Pradesh and Puducherry State pollution control Board/Committee under air and water act and a copy shall be submitted to the regional office of this ministry at Bangalore before start of any construction work at the site.	Complied. Copies of CFE are attached as Annexure-1.
ii.	The mitigation measures proposed in the environment management plan / disaster management plan for the leak detection, DG set Emission; offshore safety etc. should be strictly adhered to.	The mitigation measures are integrated in the operations. Requisite measures have been taken to control emission of Hydrocarbons (HC) which include the following: • HC sensors are installed at strategic locations throughout the process plant, GTG-1 & 2 to detect the HC emission and alarm generation in the Control room. • The Vapor Recovery system (VRS) has been designed to keep the concentration of residual hydrocarbon vapours vented to the atmosphere under statutory limits. • Adequate stack height has been provided for DG sets and GT stack for proper dispersion of emissions.

		• Low NO_x burner has been provided at GT stack for reducing the NO_x concentration.
iii.	The smooth and safe operation of the system shall be ensured by incorporating a computerized SCADA (supervisory control and data automation) system. Any leakages in the pipeline shall be detected by the computer system and product pumping shall be immediately cut off.	The pipeline pressures are monitored continuously and leaks if any are detected by pressure drop of pipelines in the process systems through SCADA. In case of any leak, product pumping will be cut off. Pipeline will be isolated immediately.
iv.	Prior clearance from NBWL shall be obtained in view of Coringa wildlife sanctuary located at the distance of 2.5 km.	The pipeline from Offshore platform to OGT, wildlife clearance has been obtained from the national board for wildlife. Copy attached in annexure 2.
v.	Horizontal directional drilling (HDD) for length of 280 m to cross Neelapalli channel shall be carried out as committed during the meeting.	Complied. Horizontal directional drilling (HDD) was used during construction stage.
vi.	Oil spill contingency management plan should be followed.	Oil spill contingency management plans is prepared for implementation.
vii.	EAC (Ind) shall take care of other environmental parameters associated with the proposal including the pollution control, when the proposal is submitted for the appraisal.	MoEF accorded EC vide letter No: J11011/415/2007-IA-II (I) dated the 8 th September, 2008 contains the said provisions. The conditions are mentioned in the EC and being complied.
viii.	All the recommendations of risk assessment and disaster management shall be complied with.	Recommendations are implemented during project construction phase.
ix.	All the recommendations and conditions specified by Andhra Pradesh Coastal Zone Management Authority (APCZMA) and Puducherry Coastal Zone Management Authority (PCZMA) shall be complied with.	Complied, the recommendations and conditions specified by APCZMA and PCZMA.
x.	There shall be no disposal of waste into the coastal area. All the solid waste shall be handled as per the solid waste (Management and Handling) Rules, 2000.	1. Any oily sludge, if generated, will be subjected to bioremediation. 2. Waste oil spiked into gas condensate for reuse. 3. Old Used batteries shall be taken back by supplier under buyback policy.

		Records of hazardous wastes (FORM 3) submitted to APPCB is attached in annexure 3. Waste will be managed in accordance with the Solid Waste (Management and Handling) Rules, 2000.
xi.	There shall be no ground water drawl within CRZ area.	Surface water is solely being used for the plant operations. Therefore, no ground water is withdrawn within CRZ area.
xii.	Construction activity shall be carried out strictly as per the provisions of CRZ notification, 2011. No construction work other than those permitted in coastal regulation zone notification shall be carried out in coastal regulation zone area.	Complied.
xiii.	The storm water drainage shall be worked out after analyzing the contour levels of the site and the surrounding area and the capacity of storm water drainage.	Storm water channels are constructed throughout the plant periphery taking into account the general slope of the site.
xiv.	Oil and contingency plan shall be put in place.	Oil spill contingency plan is made and available.
xv.	All the recommendations of the EMP shall be complied with letter and spirit. All the mitigation measures submitted in the EIA report shall be prepared in a matrix format and the compliance for each mitigation plan shall be submitted to MoEF along with half yearly compliance report to MoEF-RO.	The recommendations are being complied and half yearly compliance reports are submitted to RO - MoEFCC regularly.
xvi.	Provision shall be made for 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 completion of the project.	Complied during construction phase.
xvii.	Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be	Complied during construction phase.

	disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.	
xviii.	Norms of Oil Industry Safety Directorate shall be followed in respect of storage and transport of Oil.	OISD standards and guidelines are being followed for storage and transfer of condensate (OISD 116).
xix.	Monitoring of Volatile Organic Compounds (VOC) shall be carried out regularly.	VOC are monitored regularly through a continuous monitoring system at three locations in the site and also by authorized agency. Data is submitted to the State APPCB and MoEF&CC in the six monthly reports. CAAQ and authorized third party AAQ monitoring report is attached as Annexure -4.
xx.	The smooth and safe operation of the system shall be ensured by incorporating a computerized SCADA (supervisory control and data automation) system. Any leakages in the pipeline shall be detected by the computer system and product pumping shall be immediately cut off.	SCADA system is available and integrated in the control room operations for detection of any leaks. The pipeline pressures are monitored continuously and leaks if any are detected by pressure drop of pipelines. No leak is observed as of date. In case of any leak, product pumping will be cut off.
xxi.	Necessary signage's shall be installed in both English and Local languages wherever the pipeline is passing.	Signage's have been installed in English and local language along the pipeline route.
xxii.	Soil and water samples shall be regularly monitored along the pipeline route to check the leakage/contamination, if any and shall be examine if any strengthening is required.	Pipeline route is monitored regularly by physical observations and monitoring of pressures in the system through automation. No such episode of leakage and contamination took place till date.
xxiii.	It shall be ensured that there is no disturbance to people, houses or fishing activity as a result of the project.	Pipelines are laid away from the habitats and no disturbance was caused during and after laying the pipelines.
xxiv.	No construction work other than those permitted in coastal regulation zone notification shall be carried out in coastal regulation zone area.	Complied.
xxv.	Under Corporate Social Responsibilities (CSR), sufficient	Being complied. CSR activities are undertaken through local administration to

	budgetary provision shall be made for health improvement, education, water and electrical supply etc. in and around the project.	improve socio-economic condition of the community. Brief of CSR activities is attached as Annexure-3
xxvi.	The project proponent shall set up separate environment management cell for effective implementation of the stipulated environmental safeguards under the provision of a senior executive.	Health, Safety and Environment group is in place with a dedicated Environmental Officer for effective implementation of the stipulated environmental safeguards.
xxvii.	The funds earmarked for environment management plan shall be included in the budget and this shall not be diverted for any other purposes.	Budget allotted for maintenance of green belt, Safety Audit, firefighting equipment, promotional activities environmental monitoring, Lifesaving equipment's, waste management etc.
xxviii.	Package sewage treatment plant should be installed at the site and should be certified by an independent expert and a report in this regard should be submitted to the ministry before the project is commissioned for operation. Treatment of 100 % grey water by decentralized treatment should be done. Discharge of unused treated affluent shall conform to norms and standards of the central pollution control board. Necessary measures should be made to mitigate the odour problems from STP.	A sewage treatment plant is installed in the site for treatment of domestic wastewater and the treated water, after conforms the prescribed limit, is used for green belt inside the plant premises. No water is discharged to outside. STP inlet and outlet monitoring report is attached as Annexure – 5
xxix.	The solid waste generated should be properly collected and segregated. Wet garbage should be composted and dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.	Solid wastes are disposed off after segregation. Hazardous wastes are being disposed in authorized land fill site.
xxx.	Noise should be controlled to ensure that it does not exceed the prescribed standard. During night time the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.	Noise levels are being monitored in the site and the noise levels during night are within the permissible levels. Noise monitoring report is attached as Annexure – 6.

B. GENERAL CONDITIONS:

Sr. No.	General conditions	Compliance status
i	Appropriate measures must be taken while undertaking digging activities to avoid any likely degradation of water quality.	Complied during project construction stage.
ii	Full support shall be extended to the officers of this Ministry/Regional Office at Bangalore by the project proponent during inspection of the project for monitoring purposes by furnishing full details and action plan including action taken reports in respect of mitigation measures and other environmental protection activities.	Noted and complied with concern regional office.
iii	A six monthly monitoring report shall need to be submitted by the project proponents to the regional office of this ministry at Bangalore regarding the implementation of the stipulated conditions.	Half yearly compliance report is being submitted to the regional office.
iv	Ministry of Environment & Forests or any other competent authority may stipulate any additional conditions or modify the existing ones, if necessary in the interest of environment and the same shall be complied with.	Noted.
v	The ministry reserves the right to revoke this clearance if any of the conditions stipulated are not complied with the satisfaction of the ministry.	Noted and agreed upon.
vi	In the event of a change in project profile or change in the implementation agency, a fresh reference shall be made to the Ministry of Environment and Forests.	Noted and agreed upon.
vi	The project proponents shall inform the regional office as well as the Ministry, the date of financial closure and final	Noted.

	approval of the project by the concerned authorities and the date of start of land development work.	
vii	Andhra Pradesh and Puducherry State Pollution Control Board/ Committee shall display a copy of the clearance letter at the Regional office, District Industries Center and Collector's office / Tehsildar's office for 30 days.	Already complied by APPCB and (Puducherry Pollution Committee).
7	These stipulations would be enforced among others under the provisions of water (prevention & control of pollution) act, 1974, and air(prevention and control of pollution) act, 1981, the environment (protection) act, 1986, the public liability(insurance) act, 1991, and EIA notification 1994, including the amendments and rules made thereafter	Noted and will be complied.
8	All the statutory clearances such as the approvals for storage of diesel from chief controller of explosives, fire dept., civil aviation department, forest conservation act, 1980 and wildlife protection act, 1972 etc shall be obtained, as applicable by project proponents from the respective competent authorities.	Requisite clearance has obtained.
9	The project proponent shall advertise in at least two local newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded CRZ clearance and copies of the clearance letters are available with the Andhra Pradesh and Puducherry state pollution control board/committee and may also be seen on the website of the ministry of Environment and forests at http://www.envfor.nic.in . The advertisement should be made within 10 days from the	Complied.

	date of receipt of the clearance letter and a copy of the same should be forwarded to the regional office of this ministry at Bangalore.	
10	This clearance is subject to final order of the Hon'ble supreme court of India in the matter of Goa Foundation Vs. Union of India in Writ Petition (civil) No. 460 of 2004 as may be applicable to this project	Noted
11	Any appeal against this 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
12	Status of compliance to the various stipulated environmental conditions and environmental safeguards will be uploaded by the project proponent in its website.	Complied. The clearance status has been uploaded on the company's website.
13	A copy of the clearance letter shall be sent by the proponent to the 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 be put on the website of the company by the proponent.	Noted and complied. The clearance letter is uploaded in the website.

14	The proponent shall upload the status of compliance of the stipulated clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to regional offices of MoEF, the respective zonal office of CPCB and the SPCB.	Complied. The six monthly compliance report has been uploaded on the company's website.
15	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective regional office of MoEF, the respective zonal office of CPCB and the SPCB.	Half yearly CFO compliance submitted to APPCB are attached in annexure 7 .
16	The environment statement for each financial year ending 31 st March in form V as is mandated to be submitted by the project proponent to the concerned state pollution control board/committee 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 clearance conditions and shall also be sent to the respective regional office of MoEF by email.	Noted and being complied. Environment Statement for the year ending 31st March 2017 has been submitted and the same is uploaded on the company's website. Environment Statement is attached as Annexure – 8.