

CRZ Clearance Letter No.	11-76/2007-IA-III dated 18/02/2008
Compliance Period	April 2025 to September 2025
Project Name	M/s. Larsen & Toubro Limited
Project Location	Hazira, Surat

Sr. No.	Conditions	Compliance Status
1.	Reference is invited to the letter No.ENV-10-2006-182-P, dated No.3.10.2007 from Forests and Environment Department, Government of Gujarat and letter No. ADMN/BSJ/CRV/13/2007, dated 7.1.2008 from M/s Larsen. & Toubro Limited regarding the subject mentioned above. No Objection Certificate from the Gujarat Pollution Control Board has been obtained vide letter No. GPCB/CE/SRT-1736/10826, dated 10.4.2007. Gujarat Maritime Board has accorded 'No Objection Certificate' for creating facility for ship--building and ship-repairing yard, vide letter dated 15.4.2006.	Noted & Agreed. Unit has got the vide letter No. GPCB/CE/SRT-1736/10826, dated 10.4.2007.
2.	The project involves construction of 4 numbers of ship each of 5000T per year. Ship building and repairing facility at Village Mora, Burnt, Hazira Road, District-Surat which includes, i. Expansion of jetty (L shape with 100m length and return 32m) ii. Construction of Slip way (150 m wide and 80 m long) iii. Ship Fabrication/ Repair facility & activities a) Open area for shipbuilding/ repair b) Fabrication sheds/open area for smaller components (Defense Ship/Vessels) c) Fabrication shed for pipes (shipbuilding).	Noted & Agreed.
3.	The fabrication and shipbuilding yard will cover the total area of approximately 3,60,000 sq. m, the last two fabrication sheds to be located on the opposite side of the existing plant. The smaller components and pipes will be fabricated and transported to the main fabrication shed on the river side for hull assembling. On completion of hull the ship will be launched into the river at It suitable high tide and towed to the fitting out jetty for fitting of balance machinery, accommodation, and navigation systems. On completion of fitting of all systems trials of systems, the ship taken to sea for sea trials and on successful completion of sea trials, the ship will be handed over to owners. Area required for the project is 280 acres Estimated cost of the project is Rs.81.44 crores. The major land use for the proposed project is as follows: -	Noted & Agreed.

	<ul style="list-style-type: none"> • Fabrication Yard: 3,25,000 Sq.m • Shipbuilding Yard: 35,000 Sq.m • Main Jetty: 5,600 Sq.m • RO - RO jetty: 3,200 Sq.m • Slipway: 12,000 Sq.m 	
4.	<p>Source of power supply is "Dakshin Gujarat Vij Co. Limited" and power will be around 2400 KVA. The unit will also install 1 number of DG set for use in case of power failure. Total manpower for the project is 180. The water requirement for the project is around 25.00 liters/day which will be drawn from Singapore weir through a shared pipeline with Essar. Waste scraps are proposed to be disposed to the reusing units. And paints will be disposed to TSDF-MOU is required. Mitigation of Oil spillage is required. 15 -20 KLD is proposed to met from Narmada Dam- Biological treatment is proposed. The proposed site falls in the intertidal area classified as CRZ-I (ii) and CRZ III. For the project 115 acres of land would be required.</p>	<p>Noted & Agreed.</p> <p>1.30 MGD water requirement is being met from Singapore Weir water supply. Water consumption records are being maintained.</p> <p>Water supply letter attached as <i>Annexure 1</i>.</p>
5.	<p>The proposal was considered by Expert Appraisal Committee at its meeting held November, 2007 and has recommended.</p>	<p>Noted.</p>
6.	<p>Keeping in view the above facts, the proposal has been examined in the Ministry of Environment & Forests and Environmental clearance from Coastal Regulation Zone Notification 1991 as amended from time to time is hereby accorded to this project subject to effective implementation of the following conditions:-</p>	<p>Noted.</p>
A	Specific Condition	
i.	<p>All the conditions stipulated by the Environment Department, Government of Gujarat vide their letter No. ENV 10-2006-182-P, dated 3.10.2007 should be strictly implemented and a comprehensive compliance letter to be provided to Environment Department, Government of Gujarat and to the Regional Office of this Ministry at Bhopal every quarterly.</p>	<p>Complied.</p> <p>All conditions mentioned in the Environment Department, Government of Gujarat vide letter No. ENV-10-2006-182-P dated 03.10.2007 are being strictly implemented.</p> <p>Additionally, compliance status of the GCZMA recommendation letter along with the compliance has been attached as <i>Annexure 2</i>.</p>
ii.	<p>The project proponent should implement all the measures that have been suggested by them in the clarification letter No. ADMN/BSJCRZ/13/2007, dated 7.1.2008 provided to the Ministry of Environment and Forests.</p>	<p>Complied.</p> <p>All measures proposed by our unit in the clarification letter No. ADMN/BSJ/CRZ/13/2007 dated 07.01.2008 submitted to the Ministry of Environment & Forests have been strictly implemented.</p>
iii.	<p>No mangroves should be destroyed during construction and operation of the project.</p>	<p>Complied.</p> <p>Company has not destroyed any mangroves during construction and operation phase of the project.</p>

<p>iv.</p>	<p>A programme for Mangrove Conservation and Development in the region should be taken by the project proponent through a scientific public spirited body for evolving sustainable and long term strategies. The detailed action plan along with fund allocation should be submitted to this Ministry as well as the Regional Office Bhopal within three months. The implementation of the conservation plan shall be monitored by the Environmental Cell of the company and a periodic report should be submitted to the Ministry's Regional Office at Bhopal.</p>	<p>Complied.</p> <p>The mangrove plantation work has been carried out as per the approved plan of the Gujarat Ecology Commission, ensuring species selection, spacing, and protection measures as per guidelines.</p> <p>The Memorandum of Understanding (MoU) between unit and the Gujarat Ecology Commission for the “Restoration, Plantation & Conservation of Mangroves along the Surat Coast, Gujarat” covering an area of 100 hectares has been executed, and the corresponding works have been successfully completed in Karanj Village of Olpad Taluka, Dist surat.</p> <p>Report for Plantation, Restoration and Conservation of project and Completion Certificate have been attached as below and as Annexure 3.</p> <p>Photographs of the mangrove plantation has been attached herewith.</p> 
<p>v.</p>	<p>Sewage Treatment Plant should be included in the project and the details provided to the Regional Office of this Ministry within three months from the date of receipt of this letter.</p>	<p>Complied.</p> <p>A Sewage Treatment Plant (STP) has been incorporated into the project. The detailed STP design and specifications have been prepared and submitted to the Regional Office of the Ministry.</p> <p>Analysis report of STP inlet and outlet has been attached as Annexure 4.</p>
<p>vi.</p>	<p>The recommendations of the Risk Assessment Report should be incorporated, and report submitted.</p>	<p>Complied.</p> <p>All recommendations of the Risk Assessment Report have been implemented, including shipbuilding-specific risk control measures—such as fire and explosion prevention in welding/fabrication areas, safe handling of hazardous materials, strengthened emergency response for waterfront operations, and enhanced worker safety protocols.</p>

vii.	Location of general cargo berth should be taken into consideration with regard to location of LNG terminal.	Noted & Agreed. The location of the general cargo berth has been planned in consideration of the LNG terminal. Adequate safety distance, navigational clearance, and operational compatibility have been ensured as per applicable guidelines.
viii.	The materials for the filling and pavement construction should be made available from approved quarries.	Complied. The materials used for filling and pavement construction have been sourced from approved quarries.
ix.	Sufficient fixed and mobile firefighting system should be provided exclusively for the terminal in consultation with the local statutory bodies and firefighting authorities	Complied. Adequate fixed and mobile firefighting systems have been provided exclusively for the terminal in consultation with local statutory bodies and firefighting authorities.
x.	The project proponent should ensure that during construction and operation of the port there will be no impact on the livelihood of the fisherman. The fishermen should be provided free access to carry out the fishing activity.	Noted & Agreed. Free access has been ensured for them to carry out their fishing activities without any obstruction.
xi.	All necessary precaution while undertaking construction and operation of the port should be taken keeping in view the bathymetric changes caused due to cyclones.	Complied. Necessary precautions have been taken during construction and operation to ensure stability and safety.
xii.	All development in the port should be carried out in accordance with the Coastal Regulation Zone Notification, 1991 and approved Coastal Zone Management Plan of Gujarat.	Complied. All port development activities have been undertaken in accordance with the Coastal Regulation Zone (CRZ) Notification, 1991, and the approved Coastal Zone Management Plan (CZMP) of Gujarat.
xiii.	There should be no withdrawal of ground water in CRZ area, for this project. The proponent should ensure that as a result of the proposed constructions, ingress of saline water into ground water does not take place. Piezometers shall be installed for regular monitoring for this purpose at appropriate locations on the project site.	Complied. Unit is not extracting ground water from the CRZ area. However, Withdrawal Permission has been acquired from the Singanore Weir.
xiv.	The project should not be commissioned till the requisite water supply and electricity to the project are provided by the PWD/Electricity Department.	Complied. Unit has obtained Water supply and Electricity permission from the respective authority.
xv.	Specific arrangements for rain water harvesting should be made in the project design and the rain water so harvested should be optimally utilized. Details in this regard should be furnished to this Ministry's Regional Office at Bhopal within 3 months.	Noted. Rainwater harvesting is not feasible as the major land use of the facility comprises open fabrication yards, shipbuilding areas, slipways, and jetties, which do not support effective collection or storage of rainwater.

xvi.	Green buffer zone should be provided all around the project area in consultation with local forest department and the report submitted to this Ministry's Regional Office at Bhopal.	<p>Complied.</p> <p>A sufficient greenbelt has been developed around the project site in consultation with the Forest Department. For the same photographs of the Greenbelt has been attached as below.</p>  
xvii.	No product other than those permissible in the Coastal Regulation Zone Notification, 1991 should be stored in the Coastal Regulation Zone area.	Noted & Agreed.
B General Conditions		
i.	Construction of the proposed structures should be undertaken meticulously conforming to the existing Central/local rules and regulations including Coastal Regulation Zone Notification 1991 & its amendments. All the construction designs/drawings relating to the proposed construction activities must have approvals of the concerned State Government Departments/Agencies.	<p>Complied.</p> <p>All structures have been constructed as per the rules & regulations, with requisite approvals obtained from concerned authorities.</p>
ii.	Adequate provisions for infrastructure facilities such as water supply, fuel, sanitation etc. should be ensured for construction workers during the construction phase of the project so as to avoid	<p>Complied.</p> <p>Adequate facilities have been provided to construction workers, ensuring no felling of trees</p>

	<p>falling of trees/mangroves and pollution of water and the surroundings.</p>	<p>or mangroves and preventing any pollution of water or surrounding areas.</p>
iii.	<p>The project authorities must make necessary arrangements for disposal of solid wastes and for the treatment of effluents by providing a proper wastewater treatment plant outside the CRZ area. The quality of treated effluents, solid wastes and noise level etc. must conform to the standards laid down by the competent authorities including the Central/State Pollution Control Board and the Union Ministry of Environment and Forests under the Environment (Protection) Act, 1986, whichever are more stringent.</p>	<p>Complied.</p> <p>Only domestic wastewater is generated, which is treated in the STP. The treated effluent is reused for gardening and plantation within the premises as per GPCB guidelines.</p> <p>Analysis reports of the STP treated water attached as Annexure 4. Air, noise, Stack & Marine monthly reports is being done regularly and same has been attached as Annexure 5, 6, 7 & 8 respectively.</p>
iv.	<p>The proponent shall obtain the requisite consents for discharge of effluents and emissions under the Water (Prevention and Control of Pollution) Act, 1974 and the Air (prevention and Control of Pollution) Act, 1981 from the Gujarat State Pollution Control Board before commissioning of the project and a copy of each of these shall be sent to this Ministry.</p>	<p>Complied.</p> <ul style="list-style-type: none"> • Consent to Establish (CTE) from GPCB vide letter no. GPCB/CE/SRT-1736/10826 dated 10/04/2007. • Consolidated Consent & Authorization (CC&A) from GPCB vide letter no. AWH 122827 Date of issue: 07/02/2019, which is valid up to 24/12/2028.
v.	<p>The proponents shall provide for a regular monitoring mechanism so as to ensure that the treated effluents conform to the prescribed standards. The records of analysis reports must be properly maintained and made available for inspection to the concerned State/Central officials during their visits.</p>	<p>Noted & Agreed.</p> <p>All monitoring data are documented in the logbook, and analysis reports are systematically maintained. The same are presented to the concerned State and Central authorities whenever required during inspection visits.</p>
vi.	<p>In order to carry out the environmental monitoring during the operational phase of the project, the project authorities should provide an environmental laboratory well equipped with standard equipment and facilities and qualified manpower to carry out the testing of various environmental parameters.</p>	<p>Complied, and the same will continue to be complied with in the future.</p> <p>Environmental monitoring and testing of various environmental parameters is being done on monthly basis by NABL & MoEF&CC approved laboratory.</p>
vii.	<p>The sand dunes and mangroves, if any, on the site should not be disturbed in any way.</p>	<p>Complied.</p> <p>No sand dunes or mangroves at the project site have been disturbed during any stage of construction or operation, and all natural features have been preserved.</p>
viii.	<p>A copy of the clearance letter will be marked to the concerned Panchayat/local NGO, if any from whom any suggestion/representation has been received while processing the proposal.</p>	<p>Noted & Agreed.</p> <p>A copy of the clearance letter has been marked to the Panchayat, No suggestions received yet from Panchayat/local NGO, we will do as and when required.</p>
ix.	<p>The Gujarat State Pollution Control Board should display a copy of the clearance letter at the Regional Office, District Industries Centre and Collector's Office/Tehsildar's Office for 30 days.</p>	<p>Complied.</p> <p>GPCB has displayed a copy of the clearance letter at its Regional Office, District Industries Centre,</p>

		and Collector/Tehsildar's Office for a period of 30 days as required.
x.	The funds earmarked for environment protection measures should be maintained, in a separate account and there should be no diversion of these funds for any other purpose. A year-wise expenditure on environmental safeguards should be reported to this Ministry's Regional Office at Bhopal and the State Pollution Control Board.	Noted and Agreed. We believe in sustainable management of natural resources and environment of project site and surrounding areas for which funds will not be a constraint.
xi.	Full support should be extended to the officers of this Ministry's Regional Office at Bhopal and the officers of the Central and State Pollution Control Boards by the project proponents during their inspection for monitoring purposes, by furnishing full details and action plans including the action taken reports in respect of mitigative measures and other environmental protection activities.	Noted & Agreed. We will provide full support and adequate details to the officers of MoEF&CC/ CPCB/ GPCB during their inspection for the monitoring purposes.
xii.	In case of deviation or alteration in the project including the implementing agency, a fresh reference should be made to this Ministry for modification in the clearance conditions or imposition of new ones for ensuring environmental protection.	Noted & Agreed. No deviation or alteration has been made including the implementing agency. In case of any future change, a fresh reference will be submitted to the MoEF&CC for change in the clearance conditions.
xiii.	This Ministry reserve the right to revoke this clearance, if any of the conditions stipulated are not complied with to the satisfaction of this Ministry.	Noted & Agreed.
xiv.	This Ministry or any other competent authority may stipulate any other additional conditions subsequently, if deemed necessary, for environmental protection, which shall be complied with.	Noted and Agreed. Unit is committed to complying with any additional conditions that may be imposed by the Ministry or any other competent authority in the interest of environmental protection.
xv.	The project proponent should advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned informing that the project has been accorded environmental clearance and copies of clearance letters are available with the State Pollution Control Board and may also be seen at Website of the Ministry of Environment & Forests at http://www.envfornic.in . The advertisement should be made within 7 days from the date of issue of the clearance letter and a copy of the same should be forwarded to the Regional Office of this Ministry at Bhopal.	Complied. Advertisement for CRZ letter had been published in two local newspapers - Sandesh & Divya Bhaskar, and The Indian Express - in English, dated 23-06-2008 attached as <i>Annexure 9</i> .
xvi.	The Project proponents should inform the Regional Office at Bhopal 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 Land Development Work.	Noted & Agreed.