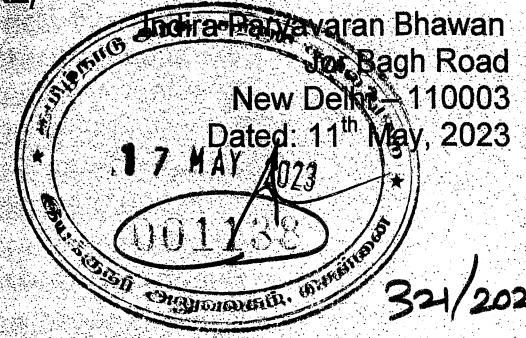


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**F.No.11/3/2023-IA.III**  
**Government of India**  
**Ministry of Environment, Forest and Climate Change**  
**IA-III Section (CRZ)**



To

**M/s IMC Limited,**  
**"NEELADRI", 3<sup>rd</sup> Floor, No.9,**  
**Cenotaph Road, Alwarpet,**  
**Chennai – 600018,**  
**Tamil Nadu**

**Email: dmaji@imc.net.in**

**Subject: Proposal for Laying of Petroleum & Petroleum products pipeline project from Ennore Port to Manali Industrial Area along the NCTPCL Compound Wall via Puzhuthivakkam, Ennore, Vallur, Athipattu, Kathivakkam, Eranvur, Manali, Tirvottiyur, Sathangadu & Sadayankuppam Village in Chennai District, Tamil Nadu M/s IMC Limited-CRZ Clearance regarding.**

Sir,

This has reference to your proposal No. No. IA/TN/CRZ/411946/2022 dated 29<sup>th</sup> December, 2022 on the above mentioned project proposal for CRZ Clearance, in accordance with the provisions of the Coastal Regulation Zone (CRZ) Notification, 2011 issued under the Environment (Protection) Act, 1986.

2. The Ministry of Environment, Forest and Climate Change has examined the proposal for CRZ Clearance to the project for laying of Petroleum & Petroleum products pipeline project from Ennore Port to Manali Industrial Area along the NCTPCL Compound Wall via Puzhuthivakkam, Ennore, Vallur, Athipattu, Kathivakkam, Eranvur, Manali, Tirvottiyur, Sathangadu & Sadayankuppam Village in Chennai District, Tamil Nadu.

3. The proposal was considered by the Expert Appraisal Committee (EAC) for Infrastructure Development, Coastal Regulation Zone, Building / Construction and Miscellaneous projects, in its meeting held on 17<sup>th</sup> January, 2022 and 23<sup>rd</sup> March, 2023. The project proponent and their consultant made detailed presentation and informed as under:

- (i) The total length of the pipeline is 20393.58 m.
- (ii) The CRZ classification of the proposed pipeline from Ennore Port ETTPL Manifold area to Manali Industrial Area on approved CRZ Notification as per CRZ 2011 Notification involves CRZ-IB (308.51 m), CRZ-II (9055.37 m), CRZ-III (577.95 m) and CRZ-IVB (76.13 m), which covers 10,017.96 m length of the pipeline that comes under the CRZ region and 10375.62 m in Non-CRZ region.
- (iii) The project site co-ordinates: Pumping Unit: 13°17'18.25"N, 80°20'12.77"E and Receiving Unit: 13°11'1.57"N, 80°15'51.29"E and Geographical coordinates of HTL points 1 to 125 as per IRS CRZ Report, Anna University and submitted by PP.

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- (iv) The Construction Phase: The major impact may occur during drilling and other pipeline installation process:

**Mitigation measures:**

- Environment Management Plan (EMP) will be kept in place so as to nullify the impacts due to drilling activities with proper storage of drilling mud and transfer to Authorized dealers.
- No tree will be cut during construction phase.

**Operation Phase:** There are no major impacts during operation phase since; it is an underground pipeline project.

- Operation and maintenance of pipeline will be monitored thoroughly via Supervisory Control and Data Acquisition (SCADA) system.
- The only impact may be due to pipeline leakage.

**Mitigation measures:**

- Leak detection system will be installed and proper supervision and maintenance will be done.
- The sectionalizing valves will be provided as per PNGRB (Petroleum & Natural Gas Regulatory Board) guidelines.

- (v) Green belt development will be carried / expanded surrounding project area in consultation with a local forest department along the pipeline stretch wherever feasible.
- (vi) Further Green belt area proposed on the periphery of IMC Limited in an area of around 2000 Sq.ft.
- (vii) The budgetary provision for environmental Management cost estimate for EMP as:

S. No.	Particulars	Cost in Lakhs (₹)	Recurring Cost in Lakhs (₹)
1.	DG Set & Stack	25	2
2.	Environmental Monitoring	-	0.28
	Total	25	0.28

- (viii) The pipeline laying detail as:

Sl. No.	Location	Minimum cover (m)
1.	Industrial, commercial and residential areas	1.0
2.	Stream, canal and other minor water crossings	1.5
3.	Major River Crossing through HDD	6-10 (below river bed)
4.	Drainage ditches at road ways and rail roads	1.0
5.	Rocky areas	1.0
6.	Un cased/cased crossings	1.2
7.	Rail road crossing	1.5
8.	Other areas	1.0

- (ix) The area break up:

Sl. No.	Description (CRZ- Classification)	Project Components	Length in Metres
1	CRZ IB	Pipeline	308.51
2	CRZ II	Pipeline	9055.37
3	CRZ III	Pipeline	577.95
4	CRZ IVB	Pipeline	76.13
5	NON - CRZ	Pipeline	10375.62
		<b>Total</b>	<b>20,393.58</b>

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(x) Water requirement of the project:

S. No.	Description	Requirement (KLD)			Disposal
		Total Water	Fresh Water	Sewage	
1	Construction Phase	3	1	2.7	Mobile STP to be proposed
2	Operation Phase: Domestic	0.9	0.9	0.76	Existing Soak pit

(xi) The total cost of the project ₹94.89 Crore.

(xii) The Tamil Nadu Coastal Zone Management Authority has recommended the proposal for CRZ clearance vide its Letter No. P1/321/2020, dated 28/06/2022.

4. The Committee made detailed deliberation on the proposal. The Committee noted that the activity is a permissible as per CRZ Notification 2011. However, suggested that the PP should not do any project construction activity during the turtle nesting season from 1<sup>st</sup> January to 30<sup>th</sup> April of every year. The Committee also suggested that the pipeline where crossing of water body / river / creek areas should be laid through Horizontal Directional Drilling (HDD) method. The Committee found the additional information submitted by the project proponent to be satisfactory.

The Committee after detailed deliberations, considering the submissions made by the project proponent and recommendations of the Tamil Nadu CZMA, recommended the proposal for CRZ Clearance.

5. Based on the recommendation of the Tamil Nadu Coastal Zone Management Authority and considering the submissions made by the project proponent, the Ministry of Environment, Forest and Climate Change, in acceptance of the recommendations of the Expert Appraisal Committee (CRZ), hereby accords CRZ Clearance to the project for **laying of Petroleum & Petroleum products pipeline project from Ennore Port to Manali Industrial Area along the NCTPCL Compound Wall via Puzhuthivakkam, Ennore, Vallur, Athipattu, Kathivakkam, Eranvur, Manali, Tirvottiyur, Sathangadu & Sadayankuppam Village in Chennai District, Tamil Nadu by M/s IMC Limited** under the provisions of the CRZ Notification, 2011 and amendments thereto, subject to the compliance of terms and conditions as under:-

#### **PART A – SPECIFIC CONDITIONS:**

- (i). All construction shall be strictly in accordance with the provisions of the CRZ Notification, 2011, as amended from time to time.
- (ii). The PP should not do any construction activity during the turtle nesting season from 1<sup>st</sup> January to 30<sup>th</sup> April of every year.
- (iii). The pipeline where crossing of water body / river / creek areas should be laid through Horizontal Directional Drilling (HDD) method.
- (iv). Any temporary physical infrastructure setup and excavated material during laying of pipelines shall not be dumped in water bodies or adjacent areas and the site shall be restored to its original condition after completion of construction of work.
- (v). No storage reservoir for sea water shall be permitted and only pipelines conveyance system shall be installed.
- (vi). No groundwater shall be extracted within the CRZ area to meet the water requirements during the construction and/or operation phase of the project.

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- (vii). Permanent labour camp, machinery and material storage shall not be set up in the CRZ area.
- (viii). The prior approval from PESO should be obtained before commencement of the project.
- (ix). All the conditions stipulated by the Tamil Nadu Coastal Zone Management Authority for CRZ clearance 2011 vide its Letter No. P1/321/2020, dated 28/06/2022 and commitments made by the PP before the Tamil Nadu CZMA and EAC shall be followed in letter and spirit.
- (x). All necessary clearance from the concerned authority, as may be applicable should be obtained prior to commencement of project or activity.

**PART B - GENERAL CONDITIONS:**

- (i). Management of solid waste in accordance with the Solid Waste Management Rules, 2016 shall be strictly implemented.
- (ii). 'Consent to Establish' and /or 'Consent to Operate' shall be obtained from State Pollution Control Board under the provisions of Air (Prevention and Control of Pollution) Act, 1981 and / or the Water (Prevention and Control of Pollution) Act, 1974, as may be applicable.
- (iii). Disposal of muck during construction phase should not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of Competent Authority.
- (iv). All liquid waste arising from the proposed development will be disposed of as per the norms prescribed by Central / State Pollution Control Board. There shall not be any disposal of untreated effluent into the sea / coastal water bodies. It shall be ensured that the wastewater generated is treated in the STP as committed by the project proponent. The treated waste water shall be reused for landscaping, flushing and / or HVAC cooling purposes etc. within the development. The project proponent should also make alternate arrangement for situation arising due to malfunctioning of STP. There shall be regular monitoring of standard parameters of the effluent discharge from STP under intimation to the SPCB.
- (v). Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
- (vi). A copy of the clearance letter shall be uploaded on the website of the concerned State Coastal Zone Management Authority/State Pollution Control Board. The Clearance letter shall also be displayed at the Regional Office, District Industries Centre and Collector's Office/ Tehsildar's office for 30 days.
- (vii). A six-monthly monitoring report shall need to be submitted by the project proponent to the concerned Regional Office of this Ministry regarding the implementation of the stipulated conditions.
- (viii). The Ministry of Environment, Forest & Climate Change 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.
- (ix). Full co-operation shall be extended to the officials from the Regional Office of MoEF&CC, during monitoring of implementation of environmental safeguards stipulated. It shall be ensured that documents/data sought pertinent is made

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available to the monitoring team. A complete set of all the documents submitted to MoEF&CC shall be forwarded to the concerned Regional Office of MoEF&CC.

- (x). In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Ministry.
- (xi). The Ministry reserves the right to add additional safeguard measures subsequently, if considered necessary, and to take action to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner, including revoking of the environment clearance under the provisions of the Environmental (Protection) Act, 1986, for non-compliance.
- (xii). All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project proponent from the respective Competent Authorities.
- (xiii). The project proponent should 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 clearance letters are available with the State Pollution Control Board (SPCB) and may also be seen on the website of the Ministry of Environment, Forest and Climate Change at <https://parivesh.nic.in/>. The advertisement should be made within Seven days from the date of receipt of the Clearance letter and a copy of the same should be forwarded to the concerned Regional Office of this Ministry.
- (xiv). A copy of the clearance letter shall be sent by the 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.
- (xv). The proponent shall upload the status of compliance of the stipulated conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF&CC, the respective Zonal Office of CPCB and the SPCB.
- (xvi). The environmental statement for each financial year ending 31<sup>st</sup> March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the project proponent along with the status of compliance of clearance conditions and shall also be sent to the respective Regional Office of the Ministry by e-mail.

6. 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.

7. 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 CRZ clearance, if implementation of any of the above conditions is not found satisfactory.

8. 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 the Environment (Protection) Act, 1986.



9. Any appeal against this CRZ 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.

10. 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 any other Court of Law relating to the subject matter.

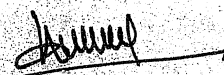
11. This issues with approval of the Competent Authority.



(Dr. H. Kharkwal)  
Scientist 'E' (CRZ)

**Copy to:**

1. The Principal Secretary, Department of Environment and Climate Change, Government of Tamil Nadu, No.1, Jeenis Road, Panagal Building, Ground Floor, Saidapet, Chennai-600015, Tamil Nadu.
2. The Deputy DGF (C), Ministry of Environment, Forest and Climate Change, Integrated Regional Office, 1<sup>st</sup> and 2<sup>nd</sup> Floor, Handloom Export Promotion Council, 34, Cathedral Garden Road, Nungambakkam Chennai – 600034, Tamil Nadu.
3. The Member Secretary, Tamil Nadu Coastal Zone Management Authority, Department of Environment, Government of Tamil Nadu, Ground Floor, Panagal Building, Saidapet, Chennai-600015, Tamil Nadu.
4. The Member Secretary, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi - 110032
5. The Member Secretary, Tamil Nadu Pollution Control Board, 76, Mount Salai, Guindy, Chennai – 600032, Tamil Nadu.
6. Guard File / Monitoring File / Website / Record File



(Dr. H. Kharkwal)  
Scientist 'E' (CRZ)