



इंडियन ऑयल कॉर्पोरेशन लिमिटेड  
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पाइपलाइन्स प्रभाग  
Pipelines Division

No. PL/PJ/MON/TBPL-ETBPNMTPL/8.2

24.03.2023

To,

**The Additional Director,**

Ministry of Environment, Forest and Climate Change,  
Indira Paryavaran Bhawan,  
Jor bagh Road,  
New Delhi-110003

**Sub: Six Monthly Compliance Report of Environment and Forest for Laying of pipeline from Thiruvallur (Tamil Nadu) to Bengaluru (Karnataka) section of Ennore Tiruvallur Bangalore Puducherry Nagapattinam Madurai Tuticorin RLNG pipeline.**

**Ref: Environment Clearance accorded vide MoEF&CC letter No. J-11011/140/2018-IA II (I), dated 13.11.2019**

Dear Sir,

Six Monthly Compliance Report for the period July 2022 to December 2022 on Environment and Forest pertaining to Laying of pipeline from Thiruvallur (Tamil Nadu) to Bengaluru (Karnataka) section of Ennore Tiruvallur Bangalore Puducherry Nagapattinam Madurai Tuticorin RLNG pipeline is enclosed as Annexure-I for your kind perusal.

Thanking you,

Yours faithfully,

(Ranu Ram)

Chief General Manager  
(Construction)

Ph: 0120-2448620

Enclosure: As above

Page 1 of 2

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Regd. Office : G-9, Ali Yavar Jung Marg, Bandra (East), Mumbai-400 051 (India)

Copy to:

1. The Addl. PCCF, Ministry of Environment, Forest and Climate Change, Regional Office (SEZ), 1st & 2nd Floor, Handloom Export Promotion Council, 34, Cathedral Garden Road, Nungambakkam, Chennai - 34
2. The Principal Secretary, Department of Environment, Forest, Science & Technology, Government of Andhra Pradesh, Hyderabad (Andhra Pradesh)
3. The Member Secretary, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi - 32
4. The Member Secretary, Andhra Pradesh Pollution Control Board, Paryavaran Bhawan, A-111, Industrial Estate, Sanath Nagar, Hyderabad (Andhra Pradesh)
5. Monitoring Cell, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor bagh Road, New Delhi



**Six Monthly Compliance Report on Environment & Forest**  
**Laying of pipeline from Thiruvallur (Tamil Nadu) to Bengaluru (Karnataka) section of Ennore**  
**Tiruvallur Bangalore Puducherry Nagapattinam Madurai Tuticorin RLNG pipeline (As on Dec 2022)**

(Ref :MoE&F's approval letter no. J-11011/140/2018-IA II (I), dated 13.11.2019)

SL. No.	CONDITION STIPULATED	REMARKS
<b>A. SPECIFIC CONDITIONS:</b>		
a)	The environmental clearance is subject to obtaining prior clearance from the wildlife angle, including clearance from the Standing Committee of the National Board for Wildlife, as applicable. Grant of environmental clearance does not necessarily imply that Wildlife Clearance shall be granted to the project and that their proposals for Wildlife Clearance will be considered by the respective authorities on their merits and decision taken.	Wildlife clearance received on 02.01.2020
b)	Necessary permission as mandated under the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981, as applicable from time to time, shall be obtained from the State Pollution Control Board as required.	<b>Andhra Pradesh:</b> 1.Consent to Establish obtained on 07.01.2020  2.Consent to Operate obtained on 11.05.2022
c)	As already committed by the project proponent, Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises.	Noted for Compliance.
d)	Necessary authorization required under the Hazardous and Other Wastes (Management and Trans-Boundary Movement) Rules, 2016 and Solid Waste Management Rules, 2016 shall be obtained and the provisions contained in the Rules shall be strictly adhered to.	No Hazardous waste generated. Hence Not applicable.
e)	The Oil Industry Safety Directorate (OISD) guidelines for pipeline projects shall be followed in letter and spirit.	Complied.
f)	Necessary approval from Chief Controller of Explosive must be obtained before commission of project.	PESO (Pre-Construction): Scheme approval obtained on 15.09.2021.  PESO (Commissioning): Approval obtained on 24.06.2022.
g)	During construction phase, air pollution and the solid waste management aspects need to be properly addressed ensuring compliance of the Construction and Demolition Waste Management Rules, 2016.	Complied

SL. No.	CONDITION STIPULATED	REMARKS
h)	As committed, funds allocation for the Corporate Environment Responsibility (CER) shall be 1% of the total project cost. Item-wise details along with time bound action plan shall be prepared and submitted to the Ministry's Regional Office Occupational health surveillance of worker should be done on a regular basis and records maintained as per the Factory Act.	<p><b>CER</b></p> <ol style="list-style-type: none"> <li>1. Welfare scheme for COVID -19, 25 Nos of Oxygen Concentrators and Installation of 500 LPM PSA Oxygen Generation System for an amount of Rs 1,60,88,396 /- has been deposited in favour of District Collector Chittoor.</li> <li>2. Providing support to District Administration for providing 40 Nos. of Solar Street Lights to PH Colony, Iruvaram Village in Chittoor District for an amount of Rs.11,00,000/-.</li> </ol> <p>Balance Schemes under finalization in consultation with District Collector.</p>
i)	All the commitments made regarding issues raised during the public hearing/ consultation meeting shall be satisfactorily implemented.	Complied
j)	Sections of pipeline and storage systems that can be isolated with valves or blinds should be equipped with safety valves to protect against possible damage as liquid LPG expands with increases in temperature.	Complied
k)	For the DG sets, emission limits and the stack height shall be in conformity with the extant regulations and the CPCB guidelines. Acoustic enclosure shall be provided to DG set for controlling the noise pollution.	Complied
l)	Water sprinkling has to be undertaken on regular basis to control the polluting particles.	Complied
m)	The construction of pipelines through the waterbodies shall be avoided during the rainy season/ breeding seasons of aquatic animals.	Complied
n)	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.	Not applicable
o)	SCADA system shall be installed with dedicated optical fiber based telecommunication link for safe operation of pipeline and leak detection system.	Complied

SL. No.	CONDITION STIPULATED	REMARKS
p)	Intelligent pigging facilities shall be provided for the entire pipeline system for internal corrosion monitoring. Coating and impressed current cathodic protection system shall be provided to prevent external corrosion.	Complied
q)	All the recommendations mentioned in the risk assessment report shall be implemented and Emergency response plan shall be based on guideline prepared by OISD.	Complied
r)	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Onsite and Offsite Disaster Management Plan shall be implemented.	Complied
s)	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire-fighting system shall be as per the norms.	Complied
<b>Generic Conditions</b>		
i)	The project authorities must strictly adhere to the stipulations made by the state Pollution Control Board (SPCB), State Government and/ or any other statutory authority.	Noted for Compliance.
ii)	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	Noted for compliance.
iii)	The locations of ambient air quality monitoring stations shall be decided in consultation with the State Pollution Control Board (SPCB) and it shall be ensured that at least one stations each is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.	Air quality monitored as per State Pollution Control Board (SPCB) guidelines.
iv)	The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be complied with.	Complied

SL. No.	CONDITION STIPULATED	REMARKS
v)	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).	Complied
vi)	The Company shall harvest rainwater from the roof tops of the buildings to recharge ground water, and to utilize the same for different industrial operations within the plant.	Complied
vii)	Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis.	Noted for Compliance.
viii)	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, risk mitigation measures and public hearing shall be implemented.	Noted for Compliance.
ix)	The company shall undertake all measures for improving socio-economic conditions of the surrounding area. CSR activities shall be undertaken by involving local villagers, administration and other stake holders. Also eco-developmental measures shall be undertaken for overall improvement of the environment.	CSR activities are carried out regularly as per Corporation policy and Government guidelines.
x)	A separate Environmental Management Cell equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.	Noted for Compliance.
xi)	The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose.	Noted for Compliance.

SL. No.	CONDITION STIPULATED	REMARKS
xii)	A copy of the clearance letter shall be sent by the project proponent to 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.	Complied
xiii)	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF&CC, the respective Zonal office of CPCB and SPCB. A copy of Environmental Clearance and six-monthly compliance status report shall be posted on the website of the company.	Complied
xiv)	The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional offices of MoEF&CC by e-mail.	Noted for Compliance. The environmental statement shall be sent upon operation of the project.
xv)	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry at <a href="http://moef.nic.in">http://moef.nic.in</a> This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.	Complied  Advertisement to this effect was published in following newspaper on 20.11.2019.  <ul style="list-style-type: none"> <li>• Deccan Chronicle, Nellore edition</li> <li>• Eenadu, Vijayawada edition</li> </ul>