

722/TN

By Speed Post



भारत सरकार
पर्यावरण एवं वन मंत्रालय
Government of India
Ministry of Environment & Forests
(IA Division)

Paryavaran Bhawan
CGO Complex, Lodhi Road
New Delhi - 110 003
E-mail: hsmalviya@gmail.com
Telephone: 011: 2436 7076

F. No. J-11011/433/2006-IA-II(I)

Dated : April 28, 2008

To

M/s Indian Oil Petronas Limited
LPG Import/Export Facility
Ennore,
Tamil Nadu

[Handwritten signature]
26/5

[Handwritten signature]
AD(S)

msgkol@indianoilpetronas.com

Sub : Propane/Butane & LPG Import /Export Facility (6,00,000MT/Year) at Ennore, Tamil Nadu by M/s Indian Oil Petronas Limited – Environmental Clearance reg.

Sir,

Kindly refer to your letter No. IPL/KO/ENNORE/345-C dated January 01, 2008 along with final EIA/EMP and public hearing report seeking environmental clearance for the above mentioned project.

2. The Ministry of Environment and Forests has examined the proposal and noted that the proposal is for environmental clearance for setting up of the bulk Propane/Butane & LPG Import /Export (6,00,000MT/Year) at Ennore, Tamil Nadu by M/s Indian Oil Petronas Limited. The project site falls within Ponneri Taluk of Thriuvallur District in Tamilnadu and is near Ennore Port. It is at about 17 km from Madras Refineries Limited (Chennai Petroleum Corporation). The proposed facility will be on the site of LPG Bottling plant which has 110 acres of land which has been acquired by Indian Oil Corporation through Govt. of Tamil Nadu. The bottling plant is already in operation since 2001 and after its expansion, the remaining land will be used for the terminal. A green belt of 30 m. of width is proposed all around the boundary wall.

3. The Public Hearing was held on 6th December 2007.

4. The project activity is listed at 6 (b) in the Schedule of EIA Notification, 2006 and is of 'B' Category, however was considered at the Central Level as the proposal was received before constitution of SEIAA/SEAC. The Expert Appraisal Committee

[Handwritten note]
Open in news file.
26/5/08
Env.

(Industry) in its 79th meeting held on 18th – 20th March 2008 considered and appraised the proposal.

5. Based on the information submitted by the project authorities, the Ministry of Environment and Forests hereby accords environmental clearance to the above project under the provisions of EIA Notification, 2006 subject to the compliance of the following Specific and General conditions:

A. SPECIFIC CONDITIONS

- i. The company shall comply with all the commitments made during public hearing/public consultation.
- ii. The project authorities shall strictly comply with the provisions made in Manufacture, Storage and Import of Hazardous Chemicals Rules 1989, as amended in 2000 and the Public Liability Insurance Act for handling of hazardous chemicals etc. Necessary approvals from Chief Controller of Explosives must be obtained before commission of project. Requisite On-site and Off-site Disaster Management Plans will be prepared and implemented.
- iii. The company shall obtain all requisite clearances for fire safety and explosives and shall comply with the stipulation made by the respective authorities.
- iv. Regularly monitoring of VOC and HC in the Work Zone Area in the Plant shall be carried and data be submitted to Ministry's Regional Office at Bangalore, CPCB and State Pollution Control Board. Quarterly monitoring of fugitive emissions will be carried out as per the Guidelines of CPCB.
- v. Regular Ambient Air Quality Monitoring shall be carried out for VOC and HC besides other parameters in ambient air around the Plant. The location and results of existing monitoring stations will be reviewed in consultation with the concerned State Pollution Control Board based on the occurrence of maximum ground level concentration and downwind direction of wind. Additional Stations shall be set up, if required. It will be ensured that at least one monitoring station is set up in up-wind & in down-wind direction along with those in other directions.
- vi. The company shall install automatic leak detection system supported hooters or alarm system.
- vii. Occupational health surveillance of worker shall be done on a regular basis and records maintained as per the Factory Act.
- viii. The company shall obtain permission for drawl of ground water from CGWA/CGWB, if ground water is used.

- ix. Spent resin (0.3 TPA), waste lube oils (20.01 TPA) from compressors and pumps and 3-5 drums per month of Ethyl mercaptan shall be generated as solid/hazardous waste. Spent resins from DM water plant shall be stored in HDPE sealed containers at separate covered secured storage area till returned to suppliers. Waste lube oils slurry shall be used as anticorrosive measures on pipe line supports and HDPE empty drums of Mercaptan shall also be stored in a covered secured area and shall be returned to suppliers. Waste compressor oils shall be used as anti corrosive measures on supports of pipelines.
- x. Greenbelt shall be developed to mitigate the effect of fugitive emission all around the plant in a minimum 30% plant area in consultation with DFO as per CPCB guidelines.
- xi. Noise level will be within the approved limits of 80 dB(A). The practice of acoustic plant design shall be adopted to limit noise exposure for personnel to an 8 hr time weighted average of 90 db(A).
- xii. The Company shall harvest surface as well as rainwater from the rooftops of the buildings proposed in the project and storm water drains to recharge the ground water and use the same water for the various activities of the project to conserve fresh water.
- xiii. The company shall take all possible efforts to control odour nuisance.
- xiv. The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.


B. GENERAL CONDITIONS

- i. The project authorities must strictly adhere to the stipulations made by the concerned State Pollution Control Board (SPCB), the State Government and any other statutory body.
- ii. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests.
- iii. The overall noise levels in and around the plant area shall be limited within the prescribed standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels should conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).
- iv. The project authorities will provide adequate funds both recurring and non-recurring to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government along with the implementation

schedule for all the conditions stipulated herein. The funds so provided should not be diverted for any other purposes.


- v. The stipulated conditions will be monitored by the concerned Regional Office of this Ministry /Central Pollution Control Board/State Pollution Control Board. A six monthly compliance report and the monitored data should be submitted to them regularly. It will also be displayed on the Website of the Company.
 - vi. The Project Proponent should inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the State Pollution Control Board and may also be seen at Website of the Ministry of Environment and Forests at <http://www.envfor.nic.in> . This should 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 should be forwarded to the concerned Regional office of this Ministry.
 - vii. The date of Financial Closure and final approval of the project by the concerned authorities and the date of commencing the land development work as well as the commissioning of the project will be informed to the Ministry and its Regional Office.
 - viii. Proper House keeping and adequate occupational health programmes shall be taken up. Regular Occupational Health Surveillance Programme for the relevant diseases shall be carried out and the records shall be maintained properly for at least 10 years. Sufficient preventive measures shall be adopted to avoid direct exposure to emission and other Hydrocarbons etc.
 - ix. A separate environment management cell with full fledged laboratory facilities to carry out various management and monitoring functions shall be set up under the control of a Senior Executive.
6. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
7. The Ministry reserves the right to stipulate additional conditions if found necessary. The company will implement these conditions in a time bound manner.
8. Any appeal against this environmental clearance shall lie with the National Environment Appellate Authority, if preferred within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Authority Act, 1997.
9. The above conditions will 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, the Public Liability

Insurance Act, 1991, Hazardous Waste (Management & Handling) Rules, 1989/2003 and Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989/2000 along with their amendments and rules.


(H.S. Malviya)
Joint Director

Copy to:

1. The Secretary (Environment), Govt. of Tamil Nadu, Fort. St. George, Chennai-560 560, Tamil Nadu.
2. The Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, Delhi -110 032.
2. The Chairman, Tamil Nadu Pollution Control Board, 100, Anna Salai, Guindy Chennai - 600 032, Tamil Nadu.
3. The Chief Conservator of Forests (Central), Regional Office (SZ), Kendriya Sadan, IVth Floor, E & F Wings, 7th Main Road, IInd Block, Koramangala, Bangalore- 560 034, Karnataka.
4. Monitoring Cell, Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi.
5. Guard File.
6. Monitoring File.
7. Record File.


(H.S. Malviya)
Joint Director