

भारत सरकार
पर्यावरण एवं वन मंत्रालय
GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT & FORESTS

BY SPEED POST

E-mail : sansom_2859@yahoo.co.in
sansomj@gmail.com
Telefax : 011-2436 0488

No. J-11011/5/2007 -IA II (I)

Date: 2nd July 2007

To,

Shri S. Dhannapandian
Senior Plant Manager
Indian Oil Corporation Limited
143, Athipattu Village
NCTPS Main Road
Chennai- 600 120
Tamil Nadu

A
17/7/07

Subject: Expansion of Filling Capacity by adding 12 Filling machines in 2 carousals at LPG Cylinder Bottling Plant, Chennai by Indian Oil Corporation Ltd- Environmental Clearance Regarding.

Sir,

Kindly refer to your application No. CHENBP/PCB dated 26.12.2006 seeking environmental clearance for the above mentioned project.

2. The Ministry of Environment and Forests has examined the proposal. It is noted that the proposal is for expansion of the existing LPG Cylinder Bottling Plant at 143, Athipattu Village, NCTPS, Main Road, Chennai, Tamil Nadu from 8,500 MTM to 15,000 MTM. The Cost of the project is Rs. 60.00 Lakhs. The average bottling is 95 loads per day in 15 hours of continuous filling, which will increase by 25 additional loads per day. In the expansion project, it is proposed to add 6 more filling machines in each carousel thereby amounting to total addition of 12 filling machines. The total land available with the company is 166 Acres. The facility has been installed as per OISD standards and in line with SMPV Rules, Indian Electricity Rules and Tamil Nadu Factories Act. Besides these, all the statutory licenses have been obtained and insurance under the Public Liability Insurance Act has been obtained.

3. 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 in the absence of SEIAA and SEAC for the State of Tamil Nadu. As per Para 7(ii) of EIA Notification, 2006, all expansion or modernization projects listed in the Schedule need prior Environmental Clearance. Since the expansion does not have environmental impact, except in case of accidents the project has been categorized as 'B₂' hence no EIA/EMP report and Public Hearing are needed for the project.

Contd.



जहाँ हैं हरियाली।
तहाँ है पर्यावरण।

पर्यावरण भवन, सी.जी.ओ. कॉम्प्लेक्स, लोदी रोड, नई दिल्ली - 110 003
PARIVARAN BHAWAN C G O COMPLEX LODHI ROAD NEW DELHI - 110 003

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

A. SPECIFIC CONDITIONS

- i. Regular Ambient Air Quality Monitoring shall be carried out for VOC, HC and LPG, 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.
- ii. No demolition, construction or modification in the existing facilities will be carried out.
- iii. There will be no change in the Bulk Storage Capacity, LPG Pump and Air Compressors, Tank Lorry Decantation, Power Supply, Fire Water Tank, Fire Pumps, Auto Start, Fire Hydrants, MV Spray System and DG Generators.
- iv. There will be no increase in the pollution load for any parameter from the expansion project.
- v. The total water requirement will not exceed 60 KLD.
- vi. The DG Sets will have stacks of 3.5 m above ground level. No additional stack is envisaged for the project.
- vii. 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).
- viii. Regularly monitoring of VOC, HC and LPG in the Work Zone Area in the Plant shall be carried and data be submitted to MoEF, CPCB and TNPCB. Quarterly monitoring of fugitive emissions will be carried out as per the Guidelines of CPCB.
- ix. No waste water and solid waste will be generated due to the expansion project.

Contd.



- x. Green belt shall be provided to mitigate the effects of fugitive emissions all around the plant in a minimum of 33% of the plant area in consultation with DFO as per CPCB guidelines.
- xi. The Company shall harvest surface as well as rainwater from the rooftops of the buildings proposed in the expansion 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.
- xii. Occupational Health Surveillance of the workers should be done on a regular basis and records maintained as per the Factories Act.
- xiii. 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 the expansion project. Requisite On-site and Off-site Disaster Management Plans will be prepared and implemented.

B. GENERAL CONDITIONS

- i. The project authorities must strictly adhere to the stipulations made by the concerned State Pollution Control Board (SPCB) and the State Government.
- 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

Contd.

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/ Committee 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.
5. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
 6. The Ministry reserves the right to stipulate additional conditions if found necessary. The company will implement these conditions in a time bound manner.
 7. 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.


(Sanchita Jindal)
Additional Director

Copy to :

1. The Secretary, Environment & Forests Department, Secretariat, Chennai- 600 009, Tamil Nadu.
2. The Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, Delhi-110032.
3. The Chairman, Tamil Nadu Pollution Control Board, No. 100, Mount Salai, Guindy, Chennai- 600 032.
4. The Chief Conservator of Forests, Regional Office (Southern Zone) , Ministry of Environment & Forests, Kendriya Sadan ,4th Floor , C& F Wing, 17 Main Road, II Block , Kormangla, Bangalore- 560 034, Karnataka
5. JS (CCI-I), Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi - 110003
6. Monitoring Cell, Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi- 110003
7. Guard File
8. Monitoring File
9. Record File

(Sanchita Jindal)
Additional Director