



**State Level Environment Impact Assessment Authority (SEIAA)**

**Telangana State**

**Government of India**

**Ministry of Environment & Forests**

**A-3, Industrial Estate, Sanathnagar, Hyderabad- 500 018.**

**Order No. SEIAA/TS/WGL(U)-01/2017-**

**422**

**Dt: 27.04.2017.**

**Sub: SEIAA, TS - LPG Bottling Plant of M/s. Hindustan Petroleum Corporation Limited, Sy.No. 744/1/2, 744/1/4, 744/13, 744/14, 739, 741 & 744, Kamalapuram (V & M), Warangal Urban District - Environmental Clearance— Issued -Reg.**

**Ref**  
**DESPATCHED**  
**ON: 29/4/17**

- I. This has reference to your application submitted vide Ir.dt. 07.01.2015 received on 15.10.2015, subsequent Ir.dt. 19.10.2016 for amendment to TORs and EIA report submitted online on 01.03.2017 (proposal no. SIA/TG/IND2/18686/2015) received on 09.03.2017, seeking Environmental Clearance for the proposed **LPG Bottling Plant by M/s. Hindustan Petroleum Corporation Limited, Sy.No. 744/1/2, 744/1/4, 744/13, 744/14, 739, 741 & 744, Kamalapuram (V & M), Warangal Urban District.** It was reported that Pangidipalli (V) exists at a distance of about 1.45 km from the project site and Kamalapur Lake exists at a distance of 2.2 km from the site. The total area of the site is Ac.37.33; Out of that, area earmarked for development of Green belt is Ac. 11.14. It is noted that the capital cost of the project is **Rs. 94.95 crores.** The storage capacities of the LPG, for which Environmental clearance has been considered are as follows:

**LPG Mounded Storage Vessels – 3 x 300 MT**  
**Bottling capacity of LPG – 60,000 MTPA**

- II. The source of LPG is Vizag LPG Import facility. The proposed bullets receive the LPG through Bulk LPG Trucks and stored in the mounded storage vessels. The empty cylinders received from the HPCL's distributors are filled with LPG with the help of Carousel filling system, checked for leakage and dispatched to the distributors by trucks through dealer network system. The proposed facility includes construction of new mounded storage vessels; 1 no. of 24 head fully automatic electronic carousels with high speed downstream equipment; 1 no. of 6 bays Tank Truck unloading facilities; 2 no. of manual filling scales for 35 kg / 47.5 kg capacity cylinders filling with QC equipment; fire water storage tanks & allied fire fighting facilities, etc.,
- III. The proposal has been examined and processed in accordance with EIA Notification, 2006 and its amendments thereof. The State Level Expert Appraisal Committee (SEAC) examined the application, EIA Report and Risk Assessment in its meetings held on 17.11.2015, 25.10.2016 & 17.03.2017. The Public Hearing was held on 09.02.2017 at project site. Based on the information furnished, presentation made by the proponent and the consultant M/s. SV Enviro Labs & Consultants, Visakhapatnam; minutes of public hearing, the Committee considered the project proposal and recommended for issue of Environmental Clearance. The State Level Environment Impact Assessment Authority (SEIAA) in its meetings held on 06.04.2017 & 17.04.2017 examined the proposal and recommendations of SEAC for issue of Environmental Clearance. Accordingly, after discussions in the matter and considering the recommendations of the SEAC, **the SEIAA, Telangana hereby accords Environmental Clearance to the project as mentioned at**

Para no. I under the provisions of the EIA Notification 2006 and its subsequent amendments issued under Environment (Protection) Act, 1986 subject to implementation of the following specific and general conditions:

**A. Specific Conditions:**

- i. The source of the water is Bore well & Kamalapur Mandal Water supply. The water requirement in the plant is 30.0 KLD. Out of that 15.0 KLD is used for washing & cleaning of cylinders and 15.0 KLD is used for domestic purpose.
- ii. The total wastewater generated from the Plant is 24.0 KLD. The waste water generated from the cylinder washings (12.0 KLD) along with the waste water generated from the domestic section (12.0 KLD) shall be treated in ETP. The treated waste water shall conform to the on-land for irrigation standards and shall be used for gardening purposes within the premises. No waste water shall be discharged outside the premises.
- iii. The standby DG sets of capacity 1 x 125 kVA & 1 x 500 kVA shall be provided with stacks of adequate height, as per CPCB norms.
- iv. The project authorities shall strictly comply with the provisions made in Hazardous Waste (Management, Handling, and Transboundary Movement) Rules, 2016. Waste oils, used oils, hazardous waste generated from the industry shall be disposed to the recyclers authorized by TSPCB.
- v. 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 Chemical Accidents (Emergency Planning, Preparedness and Response) Rules, 1996 for handling of Hazardous chemicals. Necessary approvals from Chief Controller of Explosives must be obtained before expanding the storage. Requisite On-site and Off-site Disaster Management Plans shall be prepared and implemented.
- vi. Regular AAQM shall be carried out for VOC and HC besides other parameters in ambient air around the plant. The location of the monitoring stations shall be decided in consultation with the Telangana State Pollution Control Board based on occurrence of maximum GLCs and down wind direction. Additional Stations shall be set up in wind ward and down wind directions along with those in other directions.
- vii. The clearance shall be only for the storage and bottling of LPG and no processing of any kind shall be carried out at the site.
- viii. The company shall install automatic leak detection system supported hooters or alarm system.
- ix. Occupational health surveillance of workers shall be done on a regular basis and records maintained as per the Factories Act.
- x. Green belt shall be developed in an area of Ac.11.14 within plant premises with at least 10 meter wide green belt on all sides along the periphery of the project area, in downward direction and along road sides etc., Selection of plant species shall be as per the CPCB guidelines in consultation with the DFO.

- xii. Ambient noise levels must be within the approved limits of 75 dB(A) during day time and 70 dB(A) during night time as per CPCB norms.
- xiii. Regular monitoring of VOC and HC in the Work Zone Area in the Plant shall be carried out and data be submitted to Ministry's Regional Office at Bangalore, CPCB and TSPCB. Quarterly monitoring of fugitive emissions shall be carried out as per the guidelines of CPCB.
- xiv. All the internal roads shall be of Asphalt to reduce fugitive dust due to the transportation of vehicles.
- xv. The Industry shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Requisite fire fighting system conforming to OISD standards shall be installed. Adequate firewater retention system shall be provided to prevent firewater mixing into the surface water stream or underground water.
- xvi. Training shall be imparted to all employees on safety and health aspects of LPG and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.
- xvii. Usage of Personnel Protection Equipments by all employees / workers shall be ensured.
- xviii. The company shall harvest surface as well as rainwater from the roof tops of the building/s and storm water drains to recharge the ground water and use the same water for the various activities of the project to conserve water. The company shall undertake all relevant measures for improving the Socio-economic conditions of the surrounding area.

**B. General Conditions:**

- i. **This order is valid for a period of 7 years.**
- ii. "Consent for Establishment" shall be obtained from Telangana State Pollution Control Board under Air and Water Act before the start of any activity / construction work at site.
- iii. Provision shall be made for the housing of the construction labour within the site with all necessary infrastructure and facilities such as safe drinking water, fuel for cooking, mobile toilets, mobile STP, medical health care, crèche etc., The housing may be in the form of temporary structures to be removed after the completion of the project. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
- iv. No change in the process technology and scope of working should be made without prior approval of the SEIAA, TS. No further expansion or modifications in the plant shall be carried out without prior approval of the SEIAA, TS/ MoEF&CC, GoI, New Delhi, as applicable.
- v. The environment safeguards contained in the EIA Report should be implemented in letter and spirit. The responsibility of implementation of environmental safeguards rests fully with the proponent i.e., M/s. Hindustan Petroleum Corporation Limited.

- vi. The proponent shall submit half-yearly compliance reports in respect of the terms and conditions stipulated in this order in hard and soft copies to the SEIAA; and CCF, Regional office of MoEF&CC, GoI, Chennai on 1<sup>st</sup> June and 1<sup>st</sup> December of each calendar year.
- vii. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for RSPM, SPM, PM<sub>10</sub>, PM<sub>2.5</sub>, SO<sub>2</sub>, NO<sub>x</sub> monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
- viii. Data on ambient air quality (RSPM, SPM, PM<sub>10</sub>, PM<sub>2.5</sub>, SO<sub>2</sub>, NO<sub>x</sub>) should be regularly submitted to the Ministry including its Regional Office located at Chennai and the State Pollution Control Board/ Central Pollution Control Board once in six months.
- ix. A separate environmental management cell with suitable qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
- x. The funds earmarked for environmental protection measures (Construction phase : Capital Cost of Rs. 30.0 Lakhs; and Operation phase: Capital Cost of Rs. 107.0 Lakhs & Recurring Cost of Rs.10.0 Lakhs/annum) & also the funds earmarked for Corporate Social Responsibility (CSR) activities (Rs.60 Lakhs), should be kept in separate account and should not be diverted for other purpose. The budget allocated for the EMP shall be subsequently increased, if the project cost increases at the time of CFO. Year wise expenditure should be reported to the SEIAA, Ministry and its Regional Office located at Chennai.
- xi. Officials from the Regional Office of MoEF&CC, GoI, Chennai who would be monitoring the compliance of the stipulated conditions and implementation of environmental safeguards should be given full co-operation, facilities and documents/data by the project proponents during their inspection. A complete set of all the documents shall be submitted to the CCF, Regional Office to MoEF&CC, GoI, Chennai.
- xii. The project proponent shall submit the copies of the environmental clearance to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
- xiii. The project authorities should advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and SEIAA, Telangana. This order shall be displayed in the website of the project proponent.
- xiv. The proponent shall explicitly follow the suggestions and commitments made in the public hearing in protection of the environment.
- xv. Any appeal against this Environmental 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.

- xvi. The company shall undertake eco-development measures including community welfare measures in the project area.
- xvii. The proponent shall obtain all other mandatory clearances from respective departments.
- xviii. Concealing the factual data or failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- xix. The SEIAA may revoke or suspend the order, if implementation of any of the above conditions is not satisfactory. The SEIAA reserves the right to alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
- xx. 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 and the Public Liability Insurance Act, 1991 along with their amendments and rules.

Sd/-  
MEMBER SECRETARY  
SEIAA, T.S.

Sd/-  
MEMBER  
SEIAA, T.S.

Sd/-  
CHAIRMAN,  
SEIAA, T.S.

To

Sri S. Sreenivasulu, DGM – LPG Projects,  
M/s. Hindustan Petroleum Corporation Limited,  
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Maharashtra.  
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Copy to:

1. Prof. Ch. Krishna Reddy, Chairman, SEAC, T.S. for kind information.
2. The Member Secretary, TSPCB for kind information.
3. The EE, RO: Warangal, TSPCB for information.
4. The Regional Officer, MoEF&CC, GOI, Chennai for kind information.
5. The Secretary, MoEF&CC, GOI, New Delhi for kind information.

//T.C.F.B.O//

*RAB*  
SENIOR ENVIRONMENTAL ENGINEER  
(Unit – III)

