



State Level Environment Impact Assessment Authority (SEIAA)

Andhra Pradesh

Government of India

Ministry of Environment & Forests

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

Order No. SEIAA/AP/E.G.-04/08-

977

Dt: 07-07-2008.

Sub: SEIAA- M/s. Hindustan petroleum Corporation Ltd., (LPG TOP & Bottling plant), Korukonda- Gokavaram Road, Gokavaram (M), East Godavari District A.P - Environmental Clearance— Issued -Reg.

- I. This has reference to your letter No. PSM/Projs, dt. 19.03.2008, 23.04.2008, 30.04.2008, 8.05.2008 & your lr. dt. 16.05.2008 communicating a copy of the Lr.No.J-11013/43/2008-IA-II(I), dt. 07.05.2008 of MoE&F,GOI seeking Environmental Clearance for the proposed Storage and other infrastructure facilities of Petroleum Products at M/s. **Hindustan petroleum Corporation Ltd., (LPG TOP & Bottling plant), Korukonda- Gokavaram Road, Gokavaram (M), East Godavari District, A.P.** The proposal has been examined and processed in accordance with EIA Notification, 2006. The plot area is Ac. 31.20. The capital cost of the project is Rs. 30.0 crores. The storage capacities of the LPG, for which Environmental clearance has been considered are as follows:

Sl No.	Description	Capacity
1.	LPG storage capacity in mounded bullets	3x300 MT = 900 MT
2	Bottling of LPG	88.0 TMTPA

- II. The source of LPG is Visakha Refinery. The proposed bullets receive the LPG through pipe line of GAIL/ Bulk tankers and stored in the mounded bullets. The empty cylinders received from the HPCL's distributors are filled with LPG with the help of carousel filling system, checked for leakage and despatched to the distributors. The proposed facility includes operational facilities, Fire fighting facilities and other utilities, administrative building, amenities required. The stand by D.G.Sets capacity is 1x500 kVA + 1x 125 KVA.
- III. The State Level Expert Appraisal Committee (SEAC) examined the application and Risk Analysis Report in its meetings held on 30.4.2008 and 24.05.2008. The MoE&F, GOI vide lr. Dt.7.05.2008 clarified that the Expert Appraisal Committee at GOI has considered similar projects of M/s. HPCL of mounded LPG storage facilities without insisting for public hearing and issued Environmental Clearance as they are safer than above ground level bullets. Hence, in this case also public hearing is not conducted. The Committee considered the project and recommended for issue of Environmental Clearance. The State Level Environment Impact Assessment Authority (SEIAA), in its meeting held on

11.06.2008 examined the proposal and the recommendations of SEAC. The SEIAA, A.P 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 conditions/safeguards.

A. Specific Conditions:

- i. 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.
- ii. 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 concerned 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.
- iii. 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.
- iv. The company shall install automatic leak detection system supported hooters or alarm system.
- v. Occupational health surveillance of workers shall be done on a regular basis and records maintained as per the Factories Act.
- vi. Green belt shall be developed to mitigate the effect of fugitive emission all around the plant in minimum of 30% plant area in consultation with the DFO as per CPCB guidelines.
- vii. 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.
- viii. 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 APPCB. Quarterly monitoring of fugitive emissions shall be carried out as per the guidelines of CPCB.
- ix. Source of the water is bore well. Total water requirement is 5.50 KLD. Out of that 2.0 KLD is used for testing of cylinders, utilities and 3.50 KLD is used for domestic purpose. Total waste water generation is 3.50 KLD. Out of that 1.0 KLD is generated from cylinder testing and utilities, 2.50 KLD are generated from domestic section. It is proposed to install an ETP of capacity 4 KLD to treat the

- viii. State Pollution Control Board should display a copy of the clearance letter at the Regional Office, District Industry Center and Collector's Office /Tehsildar's Office for 30 days.
- ix. 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, A.P.
- x. The SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
- xi. 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.
- xii. The company shall undertake eco-development measures including community welfare measures in the project area.
- xiii. The proponent shall obtain all other mandatory clearances from respective departments.
- xiv. 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, A.P.

Sd/-
MEMBER
SEIAA, A.P.

Sd/-
CHAIRMAN,
SEIAA, A.P.

To

Sri P.V. S. Murthy, DGM-LPG Projects,
M/s. Hindustan petroleum Corporation Ltd.,
9-1-130/1, Sebastian Street, S.D. Road,
P.B. No.5, Secunderabad - 500 003.

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JOINT CHIEF ENVIRONMENTAL ENGINEER (CFE)

10/7/08

waste water generated to conform to on land for irrigation standards. The treated waste water will be utilized for development of green belt with in the premises. Prior permission of Competent Authority shall be obtained for any withdrawal of ground water.

- x. All the internal roads shall be of Asphalt to reduce fugitive dust due to the transportation of vehicles.
- xi. 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.
- xii. Training shall be imparted to all employees on safety and health aspects of Petroleum fuels and chemicals handling.
- xiii. Usage of PPEs by all employees/workers shall be ensured.
- xiv. 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 5 years.**
- ii. "Consent for Establishment" shall be obtained from Andhra Pradesh Pollution Control Board under Air and Water Act and the proponent shall comply with the conditions stipulated therein.
- iii. No change in the process technology and scope of working should be made without prior approval of the SEIAA, A.P.
- iv. 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.
- v. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the SEIAA, A.P. and Ministry's Regional Office located at Bangalore.
- vi. The project authorities should extend full cooperation to the officer (s) by furnishing the requisite data/information/monitoring reports.
- vii. A copy of clearance letter shall be marked to concerned Panchayat/local NGO, if any, from whom suggestion / representation has been received while processing the proposal.