



SANJIV TYAGI
MEMBER SECRETARY
SEIAA, GUJARAT

**STATE LEVEL ENVIRONMENT IMPACT
ASSESSMENT AUTHORITY**
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No. SEIAA/GUJ/EC/6 (b)/ /2008

Date: . .2008

Time Limit

To,
M/s. Hindustan Petroleum Corporation Limited,
Kandla Terminal Unit-I,
Kharirohar,
Kandla,
Gandhidham,
District: Kutch.

Sub: Environment Clearance for 4 Nos. of storage tanks for petroleum products in the existing unit at Kandla Terminal Unit-I, Kharirohar, Kandla, Gandhidham, District: Kutch by M/s. Hindustan Petroleum Corporation Limited in Category 6 (b) of Schedule annexed with EIA Notification dated 14/9/2006.

Dear Sir,

This has reference to your application made along with Application Form 1, EIA/ EMP and feasibility report and submitted to MoEF, seeking Environmental Clearance under Environment Impact Assessment Notification, 2006. Later, SEAC had received this application from the Ministry of Environment & Forest, Government of India, after formation of the State Level Environment Impact Assessment Authority (SEIAA), Gujarat and the State Level Expert Appraisal Committee (SEAC), Gujarat.

It is noted that the proposal is for Environmental Clearance **4 Nos. of storage tanks for petroleum products** by **M/s. Hindustan Petroleum Corporation Limited**. The unit is located in notified industrial estate. Total land acquired is **55 Acres**. Expansion will be within existing land. Total cost of the project **Rs.1687 Lakhs**. The unit has applied to install additional 4 Nos. of petroleum products storage tanks having details as under:

Sr. No.	Tank Size (In KI)	Product	Class of Product	Type of Roof
1	7600	Furnace Oil	C	Cone Roof
2	7600	Furnace Oil	C	Cone Roof
3	10000	Motor Spirit	A	Floating Roof
4	3250	Motor Spirit	A	Floating Roof

The project activity is covered in 6 (b) and is of 'B' Category. Since the proposed project is in notified industrial area, it does not need Public Consultation as per Para 7(i) III. Stage (3) (b) – Public Consultation of EIA Notification, 2006.

The SEAC, Gujarat had recommended to the SEIAA, Gujarat, to grant the Environment Clearance to this project for the above-mentioned products. The proposal was considered by SEIAA, Gujarat in its meeting held on 27.06.2008 at Gandhinagar. Since the EIA/ EMP Report was found to be adequate and complete and the public consultation is not required for the project, the SEIAA hereby accords Environmental Clearance to above project under the provisions of EIA Notification dated 14th September, 2006 subject to the compliance of the following Specific and General conditions.:

A. SPECIFIC CONDITIONS:

A.1 WATER:

1. There shall be no additional fresh water consumption in the project. There shall not be any wastewater generation from the project.
2. There shall not be any wastewater discharge from the plant. The storm water drains, if any, shall be clearly demarcated and shall in no case be used for discharge of any kind of waste or polluted water. The applicant shall prepare an Action Plan for the monsoon in which the water quality flowing outside the premises shall be monitored especially for hydrocarbon and the oil & grease parameters and its records shall be maintained.

A.2 AIR:

3. The applicant shall measure ambient air quality for the parameter like hydrocarbon in and around the project site and shall maintain its records. The locations of the ambient air monitoring stations shall be done in consultation with GPCB.

A.3 SOLID WASTE:

4. Oil sludge and/or wastewater containing oil may generate during the cleaning and maintenance of the tanks. The applicant shall manage and dispose this waste according to Hazardous Waste Management and Handling Rules-2003.

A.4 SAFETY:

5. Necessary permissions from various statutory authorities like Chief Controller of Explosive, Factory Inspectorate and others shall be obtained prior commissioning of the project.
6. Oil Industry Safety Directorate (OISD) standards and other standards issued by the Government of India for the construction and operation of the storage tanks shall be followed strictly.
7. All necessary precautionary measures shall be taken to avoid any kind of spillage and accident especially during handling of the crude oil to and from the tanks.
8. Necessary dyke walls, spill collection sump etc. shall be provided as per the necessary statutory requirements and best practices adopted in the industries.
9. Personal Protective Equipments shall be provided to workers and its usage shall be ensured and supervised.
10. First Aid Box, fire extinguishers, foams, sand etc. shall be made readily available in adequate quantity at all the times. Necessary tie up with the nearby fire stations and other emergency services shall be made to ensure that the required aids reach within the shortest possible time in case of any adverse conditions.
11. Training shall be imparted to all the workers on safety aspects of which shall include regular mock drill.
12. Occupational health surveillance of the workers shall be done and its records shall be maintained. Pre-employment and periodical medical examination for all the workers shall be undertaken on regular basis as per Factories Act & Rules.
13. The company shall carryout risk assessment based on the Worst Case Scenario and Maximum Credible Accident scenario by competent agency. The company shall implement all preventive and mitigation measures suggested in letter and spirit based on study carried out by the agency.
14. The Disaster Management Plan consisting of onsite and offsite emergency plan shall be prepared and mutual aid shall be worked out in consultation with the Kandla Port Trust, nearby installations and District Collector.

A.5 NOISE:

15. The overall noise level in and around the plant area shall be kept well within the standards by providing noise control measures including engineering control like acoustic insulations, hoods, silencers, enclosures etc. on all source of noise generation (D.G.Sets). The ambient noise level

shall conform to the standards prescribed under The Environment (Protection) Act, 1986 & Rules.

A.6 CLEANER PRODUCTION AND WASTE MINIMISATION:

16. The company shall undertake following waste minimization measures:
 - a) Good housekeeping.
 - b) Use of automated and enclosed filling to avoid spillage.
 - c) Venting equipment through vapour recovery system.

A.7 GREEN BELT AND OTHER PLANTATION:

17. Unit shall develop green belt within premises as per the CPCB guidelines.

B. GENERAL CONDITIONS:

18. The applicant submitted that they have personnel trained in Safety aspects and that they are carrying out regular Mock drill for such purpose.
19. The applicant agreed to setting up of an Environment Management Cell having atleast one trained Environmental Engineer/ Environmental Scientist to look after issues of environment, within 6 months from the date of Environmental Clearance.
20. The project proponent shall have to get prepared the latest CRZ map showing location of the project site with respect to the CRZ applicability to the SEIAA prior to commencement of any expansion activity. If the map indicates applicability of the CRZ to the project site, no activity shall be carried out before obtaining the necessary permissions from the competent Authority under the CRZ Notification, 1991, as amended from time to time.
21. The project proponent shall adopt best in industry standards for environment, occupational health and safety and go for ISO-14001 and OHSAS-18001 certification.
22. All the transportation routes in the project premises shall be well paved to minimize the fugitive emission and to prevent soil contamination.
23. The company shall undertake eco-developmental measures including community welfare measures for the overall improvement of the environment in consultation with the Kandla Port Trust / Gujarat Pollution Control Board / District Collector / District Development Officer.
24. Impervious layer in the work area, petroleum products storage and handling area shall be provided and it shall be ensure that the soil contamination is totally avoided.
25. Leakages from the pipes, pumps, etc. if occurs, shall be arrested promptly.
26. At no time, the emissions shall exceed the prescribed limits. In the event of failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieved.
21. The company shall strictly follow all the recommendations mentioned in the Charter on Corporate

Responsibility for Environment Protection (CREP) for Chlor Alkali plants.

22. The company shall undertake eco-developmental measures including community welfare program most useful in the project area for the overall improvement of the environment. The eco-development plan shall be submitted to GPCB within three months of receipt of this letter.
23. The project management shall also comply with all the environment protection measures, risk mitigation measures and safeguards recommended in the EIA / EMP report as well as other proposals made by them.
24. The company shall develop rain water harvesting structures to harvest the run off water for recharge of ground water. Also harvesting of surface as well as rainwater from the rooftops of the building proposed in the project shall be undertaken and the same shall be used for the various activities of the projects to conserve fresh water.
25. The applicant shall also comply with any additional condition that may be imposed by the SEAC or the SEIAA or any other competent authority for the purpose of the environmental protection and management.
26. No further expansion or modifications in the plant shall be carried out without prior approval of the MoEF/ SEIAA, as the case may be. In case of deviations or alterations in the project proposal from those submitted to MoEF/ SEIAA/ SEAC for clearance, a fresh reference shall be made to the SEIAA/ SEAC to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
27. The project authorities shall earmark adequate funds to implement the conditions stipulated by SEIAA as well as GPCB along with the implementation schedule for all the conditions stipulated herein. The funds so provided shall not be diverted for any other purpose.
28. The applicant shall inform the public that the project has been accorded environmental clearance by the SEIAA and that the copies of the clearance letter are available with the GPCB and may also be seen at the Website of SEIAA/ SEAC/ GPCB. This shall be advertised within seven days from the date of the clearance letter, in at least two local newspapers that are widely circulated in the region one of which shall be in the Gujarati language and the other in English. A copy each of the same shall be forwarded to the concerned Regional Office of the Ministry.
29. It shall be mandatory for the project management to submit half-yearly compliance report in respect of the stipulated prior environmental clearance terms and conditions in hard and soft copies to the regulatory authority concerned, on 1st June and 1st December of each calendar year.
30. The project authorities shall also adhere to the stipulations made by the Gujarat Pollution Control Board.
31. The project authorities shall inform the GPCB, Regional Office of MoEF and SEIAA about the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.
32. The SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions

is not found satisfactory.

33. The company in a time bound manner shall implement these conditions. The SEIAA reserves the right to stipulate additional conditions, if the same is found necessary. The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act 1986, Hazardous Wastes (Management and Handling) Rules, 2003 and the Public Liability Insurance Act, 1991 along with their amendments and rules.
34. The applicant will install Hot Air Generator with a noise rating not exceeding 90 dB.
35. The applicant shall earmark 0.1 % of their turnover for eco-development works, the nature of which will be specified by the authority later on.
36. This Environmental Clearance is valid for five years from the date of issue.

With regards,
Yours sincerely,

(SANJIV TYAGI)
Member Secretary,
State Level Environment Impact Assessment Authority
Gujarat

Copy to:-

1. The Secretary, Department of Environment and Forests, Govt. of Gujarat, Secretariat, Gandhinagar-382010.
2. The Chairman, Central Pollution Control Board , Parivesh Bhavan, CBD -cum-Office Complex, East Arjun Nagar, New Delhi-110032
3. The Chief Conservator of Forests (Central), Ministry of Environment & Forests, Regional Office (WZ), E-5, Arera Colony, Link Road-3, Bhopal-462016, MP
4. Monitoring Cell, Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi-110003.
5. Select File.