

**State Environment Impact Assessment Authority, M.P.**  
(Government of India, Ministry of Environment & Forests)

**Research and Development Wing**  
Madhya Pradesh Pollution Control Board  
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No: 673/EPCO-SEIAA/11  
Date: 02.11.2011

To,  
Shri Rajat Sen Gupta,  
Project Leader  
Bharat Petroleum Corp. Ltd.  
LPG Plant  
Plot No. 6 & 7 Kheda Industrial Area,  
Sector-4, Pitampur, Distt. Dhar, M. P.

**Sub:- Case no. 500/2010**, Prior Environmental Clearance for LPG filling plant Additional LPG manded storage (1 x 600 MT) at existing LPG Plant at Plot No. 6 & 7 Kheda Industrial Area, Sector-4, Pitampur, Distt. Dhar, M. P.

This has reference to your application dated 12.01.2010 made along with Application Form 1, EIA/EMP and feasibility report submitted to SEIAA, seeking Prior Environmental Clearance under Environment Impact Assessment Notification, 2006.

2. It is noted that the proposal is for Environmental Clearance for additional mounded storage of 600 MT of LPG in the existing plant with current storage capacity of 450 MT (3x150 MT). The unit is located in notified industrial estate. Total land acquired is 26 acres Expansion will be within existing land.
3. The SEAC, MP has recommended to the SEIAA, MP to grant the Environmental Clearance to this project for the above-mentioned products. The proposal was considered by 45<sup>th</sup> SEIAA meeting in its meeting held on 10.01.11 at Bhopal and subsequent 67<sup>th</sup> SEIAA meeting dtd. 29.09.11. Since the EIA/EMP Report was found to be adequate and complete, the SEIAA hereby accords Environmental Clearance to above project under the provision of EIA Notification 14th September, 2006 subject to the compliance of the following Specific and General Conditions:

The proposal has been appraised as per prescribed procedure in the light of provision under the EIA Notification, 2006 on the basis of the mandatory documents enclosed with the application viz., the Form-I and pre-feasibility report and the additional clarifications furnished in response to the observations of the State Expert Appraisal Committee constituted by the competent authority in its meetings held on 30.10.10.

**A. SPECIFIC CONDITIONS:**

**A.1. WATER:**

- i) The Applicant shall operate and maintain existing pollution control facilities properly so that the treated effluent could be maintained within the prescribed standards.

- ii) The Applicant shall keep constant vigil and check on the petroleum storage tanks and install piezometers around the storage tanks within 2 months to keep vigil on the leakage if any.
- iii) The Applicant shall not discharge any effluent outside the factory premises in any circumstance and Zero discharge condition shall be maintained.
- iv) The Applicant shall take adequate precautionary measures before and during operation, maintenance and cleaning of pollution control equipment to avoid any accidental hazard.

#### **A.2. AIR:**

- v) The Applicant shall measures 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 station shall be done in consultation with MPCB.
- vi) The Applicant shall operate and maintain existing pollution control facilities properly so that the emission could be maintained within the prescribed standards.
- vii) The Applicant shall take adequate precautionary measures before and during operation, maintenance and cleaning of pollution control equipment to avoid any accidental hazard.

#### **A.3. HAZARDOUS WASTE:**

- viii) Oil sludge and/or waste water containing oil may generate during the cleaning and maintenance of the cylinders. The applicant shall manage and dispose this waste according to Hazardous Wastes (Management, Handling *and* Transboundary Movement) Rules, 2008.

#### **A.4. SAFETY:**

- ix) Necessary permissions from various statutory authorities like Chief Controller of Explosive, Factory Inspectorate and others shall be obtained prior commissioning of the project.
- x) 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.
- xi) Personal Protective Equipments shall be provided to workers and its usage shall be ensured and supervised.
- xii) First Aid Box, all types of fire extinguishers, water sprinkler, 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.
- xiii) Training shall be imparted to all the workers on safety aspects of which shall include regular mock drill.
- xiv) 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.

- xv) The company shall carryout Disaster Management Plan 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 by the agency.

**A.5. NOISE:**

- xvi) The overall noise lever 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:**

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

**A.7. GREEN BELT AND OTHER PLANTATION:**

- xviii) Units shall develop green belt within premises as per the CPCB guidelines.

**B. GENERAL CONDITIONS:**

- xix) The applicant shall monitor Ambient Air Quality, including meteorological details, in and around the project area in wind word and leeward direction as per CPCB guidelines twice in a week for Hydrocarbons and for So<sub>2</sub>, No<sub>x</sub>, SPM, RSPM.
- xx) The applicant shall strive to adopt environment and occupational health and safety management system standards like ISO-14001 and OHSAS-18001.
- xxi) All the transportation routes in the project premises shall be well paved to minimize the fugitive emission and to prevent soil contamination.
- xxii) The company shall undertake eco-developmental measures including community welfare measures for the overall improvement of the environment.
- xxiii) Impervious layer in the work area, petroleum products storage area and petroleum products handling area shall be provided to minimize soil contamination.
- xxiv) Leakages from the pipes, pumps, shall be minimal and if occurs, shall be arrested promptly.
- xxv) 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.
- xxvi) 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.
- xxvii) The company shall develop rain water harvesting of surface 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.

4. 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.
5. 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.
6. The project authorities shall earmark adequate funds to implement the conditions stipulated by SEIAA as well as MPPCB along with the implementation schedule for all the conditions stipulated herein. The funds so provided shall not be diverted for any other purpose.
7. 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 MPPCB and may also be seen at the Website of MPSEIAA "<http://mpseiaa.nic.in>". 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 local language and the other in English. A copy each of the same shall be forwarded to the concerned Regional Office of the Ministry of Environment & Forest Government of India.
8. 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 1<sup>st</sup> June and 1<sup>st</sup> December of each calendar year.
9. The project authorities shall also adhere to the stipulations made by the Madhya Pradesh Pollution Control Board.
10. The project authorities shall inform the MPPCB, 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.
11. The SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not found satisfactory.
12. 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.
13. This Environmental Clearance is valid for five years from the date of issue of this EC letter.
14. Any Appeal against this Prior Environmental Clearance shall lie with the Green Tribunal, if necessary, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
15. The Regional office, MoEF, GoI, Bhopal shall monitor compliance of the stipulated conditions. A complete set of documents including Environment Impact Assessment

Report, Environmental Management Plan, Public Hearing and other documents information should be given to Regional Office of the MoEF, Gol at Bhopal.

16. A copy of the Environmental Clearance shall be submitted by the Project Proponent to the Heads of the Local Bodies, Panchyat and Municipal Bodies as applicable in addition to the relevant officers of the Government who in turn has to display the same for 30 days from the date of receipt.
17. The project proponent has to strictly follow directions/guidelines issued by the MoEF, Gol, CPCB and other Govt. Agencies for time to time.

SD/-  
(Manohar Dubey)  
Member Secretary

Endt No. 674/SEIAA/EPCO/11 Dated 02.11.2011

Copy to:-

1. Principal Secretary, Department of Environment, Government of Madhya Pradesh, Bhopal.
2. The Chairman, State Environment Impact Assessment Authority, M. P. Research and Development Wing, Madhya Pradesh Pollution Control Board, Paryavaran Parisar, E-5, Arera Colony, Bhopal- 4620 16
3. Member Secretary, Madhya Pradesh State Pollution Control Board, Paryavaran Parisar, E-5, Arera Colony, Bhopal-462016
4. Collector, Distt-Dhar-M.P.
5. Divisional Forest Officer, Distt- Dhar-M.P
6. Division Monitoring Cell, MoEF, GOI, Paryavaran Bhawan, CGO Complex, Lodhi Road, New Delhi- 110 003
7. Regional Officer, Regional office of the MOEF, Bhopal
8. Guard file.

SD/-  
(Dr. Sadhana Tiwari)  
Nodal Officer, SEIAA