

STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY
Ministry of Environment, Forest & Climate Change
Government of India
Department of Ecology, Environment & Remote Sensing
Paryavaran Bhawan, Transport Nagar, Narwal, Jammu

Plant Manager,
M/S Hindustan Petroleum Corporation Ltd.,
Lane No.3,
SIDCO Industrial Complex,
Bari-Brahamana, Jammu.

Subject:- Grant of Environmental clearance for Installation of L.P.G. Mounded Storage at post LPG Storage Terminal at HPCL Bottling Plant, Lane No. 3, SIDCO Industrial Complex, Bari-Brahamana, Jammu.

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Reference:- Minutes of the Meeting of SEIAA held on 02-04-2018 at Jammu

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Dear Sir,

Kindly refer your proposal bearing No.SIA/JK/IND2/17125/2016 wherein a request has been made for issuance of Environmental clearance for Installation of L.P.G. Mounded Storage at post LPG Storage Terminal at HPCL Bottling Plant, Lane No. 3, SIDCO Industrial Complex, Bari-Brahamana, Jammu.

The case was discussed threadbare in the S.E.I.A.A. meeting held on 02-04-2018 and in pursuance to letter No.FHS/LPG/JMU dated 07-06-2017 from the project proponent for consideration of the case under B2 category, thereby weaving off the requirement of public hearing and other formalities, the case was considered under B2 category in the S.E.A.C. meeting held on 13-06-2017 in the context of being a project of the national importance and similar projects having been considered under B2 category in other States. Further, certification regarding the risk analysis report generated by the Consultant has also been received. Accordingly, keeping in view the clear cut recommendations of the S.E.A.C. meeting held on 17-02-2018, the State Environment Impact Assessment Authority accords Environmental clearance for installation of L.P.G. Mounded Storage Terminal at HPCL Bottling Plant, Lane No. 3, SIDCO Industrial Complex, Bari-Brahamana, Jammu in pursuance of E.I.A. Notification of 14th September, 2006, subject to the following specific & general conditions:-

SPECIFIC CONDITIONS:

- i. The Consultant EQMS India Pvt. Ltd., Delhi shall submit a certificate on its official letter head to the State Environment Impact Assessment Authority, J&K to the effect that the data projected for risk analysis is authentic and proposed project design of the storage facility satisfactorily within standard permissible limits of risk management as per national/International standards/codes.

- ii. Adequate buffer zone around the LPG mounded storage facility/ Botling plant shall be provided, as may be required as per OISD or other statutory requirements and the District Disaster Management Authority be fully made aware of the same.
- iii. Regularly monitoring of VOC and HC in the work zone area in the plant premises should be carried out and data be submitted to Ministry's Regional Office, CPCB and State Pollution Control Board. Quarterly monitoring for fugitive emissions should be carried out as per the guidelines of CPCB and reports submitted to Ministry's Regional Office at Chandigarh.
- iv. Necessary approvals from Chief Controller of Explosives must be obtained before commission of project, if applicable. Requisite On-site and Off-site Disaster Management Plans will be prepared and implemented.
- v. The company should obtain all requisite clearances for fire safety and explosives and should comply with the stipulation made by the respective authorities.
- vi. Emergency Response Plan should be based on the guidelines prepared by OISD, DGMS and Govt. of India. Mock drill should be conducted once in a month.
- vii. Additional safety measures should be taken by using remote operated shut off valve, double block & bleed valve (DBB), impervious dyke wall and un-bonded flexible roof drain pipe, if applicable.
- viii. Unit should carry out safety audit and report submitted to the Regional Office.
- ix. The product/by-products which fall under the Hazardous Management/Waste Rules, be handled as per the provisions of the said Rules and necessary permissions shall be obtained under the said rules.
- x. The Ministry reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environmental (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.

GENERAL CONDITIONS:

- i. Consent to Establish/Operate for the project shall be obtained from the J&K State Pollution Control Board as required under the relevant Acts/Rules.
- ii. As proposed by the project proponent, Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises.
- iii. During construction phase, air pollution and the solid waste management aspects need to be properly addressed ensuring compliance of the relevant Acts/Rules.
- iv. The green belt of 5-10 m width shall be developed in nearly 33% of the total project area, mainly along the plant periphery, in downward wind direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines and in consultation with the State Forest Department.
- v. At least 5% of the total project cost shall be allocated for Enterprise Social Commitment and the details along with time bound action plan shall be submitted to the Ministry's Regional Office. An action plan shall address upgradation of

sanitation, drinking water and educational and health facilities of the surrounding villages excluding employment provided to the local communities.

- vi. The proponent shall undertake all measures for improving socio-economic conditions of the surrounding area. CSR activities shall be undertaken by involving local villagers, administration and other stake holders. Also eco-developmental measures shall be undertaken for overall improvement of the environment.
- vii. The project proponent shall conduct a traffic density survey on the approach road to be used for transportation of LPG tankers and LPG cylinders.
- viii. Emergency Response Plan should be based on the guidelines prepared by OISD, DGMS and Govt. of India. Mock drill should be conducted once a month.
- ix. Occupational health surveillance of worker should be done on a regular basis and records maintained as per the Factory Act.
- x. The norms/guidelines of Oil Industry Safety Directorate (OISD) for installation and design of equipment's and operation of the LPG Bottling Plants shall be strictly followed. Safety audit as per standard practices to be carried out and report submitted to the Regional Office regularly.
- xi. No packing/loading/unloading of LPG cylinders shall be made on road/outside factory premises. Vehicles loaded/unloaded with LPG cylinders shall be parked inside the plant premises only and not on road sides.
- xii. Road tankers should be equipped to the standard specified in national regulations reputable code. Vehicles should be mobilized during transfer operations and equipped to prevent untimely movement. Loading/unloading bays should be protected against impact. Fire-resistant coatings shall be provided to tanks/vessels.
- xiii. Sections of pipeline and storage systems that can be isolated with valves or blinds should be equipped with safety valves to protect against possible damage as liquid LPG expands with increases in temperature.
- xiv. High and low-level alarms shall be fitted to plant storage tanks which can detect overfilling. However, proper supervision shall be done every time.
- xv. For the DG sets, emission limits and the stack height shall be in conformity with the extant regulations and the CPCB guidelines. Acoustic enclosure shall be provided to DG set for controlling the noise pollution.
- xvi. Water sprinkling has to be undertaken on regular basis to control the polluting particles.
- xvii. The project authorities must strictly adhere to the stipulations made by the state Pollution Control Board (SPCB), State Government and/ or any other statutory authority.
- xviii. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry. In case of deviations or alterations in the project proposal from that submitted to this Ministry, a fresh reference shall be made to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.

- xix. The locations of ambient air quality monitoring stations shall be decided in consultation with the SPCB and it shall be ensured that at least one stations is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.
- xx. The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16Th November, 2009 shall be complied with.
- xxi. The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).
- xxii. The Project proponent shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial operations within the plant.
- xxiii. Training shall be imparted to all employees on safety and health aspects Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis.
- xxiv. The proponent shall comply with all the environmental protection measures, safeguards, risk and disaster management standards proposed in the documents submitted to the Ministry.
- xxv. A separate Environmental Management Cell equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.
- xxvi. A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, ZilaParisad/ Municipal Corporation, Urban local Body, District Disaster Management, District administration and the local NGO, if any.
- xxvii. The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF&CC, the respective Zonal office of CPCB and SPCB. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.
- xxviii. The environmental statement for each financial year ending 31st March shall be submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional offices of MoEF&CC by e-mail.
- xxix. The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are

available with the SPCB/Committee and may also be seen at Website of the Ministry at <http://moef.nic.in>. This shall 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 shall be forwarded to the concerned Regional office of the Ministry.

- xxx. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not found to be satisfactory.
- xxxi. The Ministry reserves the right to stipulate additional conditions, if found necessary. The company in a time bound manner will implement these conditions.

The Environmental clearance is valid for a period of five years or as revised by the Ministry of Environment, Forest & Climate Change for such projects from time to time.

Sd/xxx
(S.D. Swatantra)IFS,
Chairman,
S.E.I.A.A.

Dated 06 - 04 - 2018

No.SEIAA/2016/09/13/550-57

Copy to:-

- 1.Principal Secretary to Government to Government, Industries & Commerce Department, J&K Government, Jammu for favour of information.
- 2.Commissioner/Secretary to Government, Forest & Environment Department, J&K Govt., Jammu for favour of information.
- 3.Member-Secretary, Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, Delhi-110003 for favour of information.
- 4.Chairman, J&K State Pollution Control Board, Transport Nagar, Narwal, Gladni, Jammu for favour of information & necessary action.
- 5.Deputy Commissioner/Chairman(DEIAA) Samba giving requisite publicity as per procedure and to monitor the compliance of Environmental clearance conditions.
- 6.Conservator of Forest(Central) Ministry of Environment, Forest & Climate Change, Northern Office Bay No.24-25, Sector 31-A Dakshin Marg, Chandigarh-160030.
- ✓7.Secretary S.E.A.C., for information.

(Om Prakash Sharma)IFS
Addl.P.C.C.F.
Memer-Secretary,S.E.I.A.

06/04