

F.No. IA-J-11011/400/2018- IA II(I)
Government of India
Ministry of Environment, Forest and Climate Change
(IA-II Section)

Indira Paryavaran Bhawan
Jorbagh Road, New Delhi - 3

Dated: 12th April, 2019

To

M/s Hindustan Petroleum Corporation Limited
Hisar Retail Regional Office, 2nd Floor, S.J. Tower
Sector -13, Hisar Tosham Road
District Hisar (Haryana) – 125 005

Sub: Setting up POL Depot by M/s Hindustan Petroleum Corporation Limited (HPCL) at Village Datta, Tehsil Hansi, District Hisar (Haryana) - Environmental Clearance - reg.

Sir,

This has reference to your proposal No. IA/HR/IND2/83334/2018 dated 17th November 2018, submitting the EIA/EMP report on the above subject matter.

2. The Ministry of Environment, Forest and Climate Change has examined the proposal for environmental clearance to the project for setting up Petroleum, Oil & Lubricants (POL) Depot of total storage capacity 79229 KL (18 nos of tanks) by M/s Hindustan Petroleum Corporation Limited (HPCL) in an area of 165971.6 sqm located at Village Datta, Tehsil Hansi, District Hisar (Haryana).

3. Details of the proposed tanks are as under:

Class	Description	Gross Capacity	Product	Type
B	TK-1,2,3	14400 KL each	HSD	CRVT
A	TK-4,5,6	9543 KL each	MS	IFRVT
A	TK- 7,8	1130 KL	Ethanol	IFRVT
UC	TK-9, 10	1800 KL	Bio Diesel	CRVT
A	TK- 11,12	500 KL	MS/HSD Slop	IFRVT
--	TK-13,14	5800 KL each	Water	OTVT
A	TS-1	70 KL each	MS	UG
B	TS-2	70 KL each	HSD	UG
UC	TS-3	180 KL each	Bio Diesel	UG
A	TS-4	180 KL each	Ethanol	UG
A	TS-5,6	20 KL each	Slop	UG
Total POL Depot capacity -79,229 KL				

4. Total area available for the project is 165971.6 sqm, out of which greenbelt will be developed in an area of 54770 sqm, covering 33% of the total project area. The estimated project cost is Rs.255 crore. Total capital cost earmarked towards environmental pollution control measures is Rs.42.5 lakhs and the recurring cost (O&M) will be about Rs.13.0 lakhs per annum. Total employment opportunity will be for 45 persons.



5. There are no National Parks, Wildlife Sanctuaries, Biosphere Reserves, Tiger/Elephant Reserves, Wildlife Corridors, Rivers etc. within 10 km from the project site.

6. Total fresh water requirement is estimated to be 5 cum/day, proposed to be met from ground water through Bore well/Barwala Water Service Subdivision. Necessary permission in this regard has been obtained from CGWA vide letter dated 20th December, 2018 and from Barwala Water Service Subdivision vide letter dated 15th November, 2018.

No industrial effluent will be generated at the project site. Sewage generated from domestic sources will be sent to septic tank followed by soak pit. There will be no discharge of treated/untreated waste water from the unit, and thus ensuring Zero Liquid Discharge.

Power requirement for the project will be 1000 KVA, which will be met from Haryana State Electricity Board (HSEB). Three DG sets (1x800 KVA & 2 x 400 KVA) with adequate stack height as per CPCB norms, will be used as standby during power failure.

7. The project/activity is covered under category B of item 6(b) 'Isolated storage & handling of hazardous chemicals' of the schedule to the Environment Impact Assessment (EIA) Notification, 2006. Due to absence of SEAC/SEIAA in the State, the project requires appraisal/approval at central level in the Ministry.

8. Terms of References for the project was issued by the SEIAA Haryana vide letter dated 15th May, 2018. Public Hearing for the project was conducted by the State Pollution Control Board on 27th September, 2018.

9. The proposal was considered by the Expert Appraisal Committee (Industry-2) in its meeting held during 29-31 January, 2019. The project proponent and their accredited consultant M/s ABC Techno Labs India Pvt Ltd, presented the EIA/EMP report as per the ToR. The Committee found the EIA/EMP report complying with the ToR and recommended the project for grant of environmental clearance.

10. Based on the proposal submitted by the project proponent and recommendations of EAC (Industry-2), the Ministry of Environment, Forest and Climate change hereby accords environmental clearance to the project for **Setting up POL Depot of total storage capacity 79229 KL (18 nos of tanks) by M/s Hindustan Petroleum Corporation Limited** at Village Datta, Tehsil Hansi, District Hisar (Haryana), under the provisions of the EIA Notification, 2006, subject to the compliance of terms and conditions as under:-

- (i) Prior approval shall be obtained from the Petroleum & Explosives Safety Organization (PESO) for the site and layout plan submitted to this Ministry along with the proposal for EC. In case of any change therein post PESO approval, the proposal shall require fresh appraisal by the sectoral EAC.
- (ii) Necessary permission as mandated under the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981, as applicable from time to time, shall be obtained from the State Pollution Control Board.



- (iii) As already committed by the project proponent, Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises.
- (iv) Total fresh water requirement shall not exceed 5 cum/day to be met from ground water through Bore well or Barwala Water Service Subdivision. Prior permission shall be obtained from the concerned regulatory authority/CGWA.
- (v) Necessary authorization required under the Hazardous and Other Wastes (Management and Trans-Boundary Movement) Rules, 2016 and Solid Waste Management Rules, 2016 shall be obtained and the provisions contained in the Rules shall be strictly adhered to.
- (vi) During construction phase, air pollution and the solid waste management aspects need to be properly addressed ensuring compliance of the Construction and Demolition Waste Management Rules, 2016.
- (vii) 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.
- (viii) All the commitments made during public hearing/consultation shall be satisfactorily implemented.
- (ix) At least 1.5% of the total project cost shall be allocated for Corporate Environment Responsibility (CER) and item-wise details along with time bound action plan shall be prepared and submitted to the Ministry's Regional Office.
- (x) Regular monitoring of VOC and HC in the work zone area in the plant premises should be carried out and data to 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.
- (xi) Fugitive emission standard notified by Ministry/CPCB shall be followed while loading/unloading raw material/product from the tanker/truck.
- (xii) Necessary approvals from Chief Controller of Explosives, as applicable, shall be obtained before commissioning of the project. Requisite On-site and Off-site Disaster Management Plans shall be prepared and implemented.
- (xiii) 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.
- (xiv) Occupational health surveillance of worker should be done on a regular basis and records maintained as per the Factory Act.
- (xv) 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.
- (xvi) High and low-level alarms shall be fitted to plant storage tanks which can detect overfilling. However, proper supervision shall be done every time.



- (xvii) 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.
- (xviii) Water sprinkling has to be undertaken on regular basis to control the polluting particles.
- (xix) Approach road shall be made pucca to minimize generation of suspended dust.
- (xx) The energy sources for lighting purposes shall preferably be LED based.
- (xxi) Oil spillage prevention and mitigation scheme shall be prepared. In case of oil spillage/ contamination, action plan shall be prepared to clean the site by adopting proven technology. The recyclable waste (oily sludge) and spent oil shall be disposed of to the authorized recyclers.
- (xxii) Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and guidelines prepared by OISD, DGMS and Govt. of India. Mock drill should be conducted once in a month. Onsite and off-site Disaster Management Plan shall be implemented.
- (xxiii) Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment 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.
- (xxiv) Unit should carry out safety audit and report submitted to the Regional Office. Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
- (xxv) Process safety and risk assessment studies shall be further carried out using advanced models, and the mitigating measures shall be undertaken accordingly.

10.1 The grant of Environmental Clearance is further subject to compliance of other generic conditions as under:-

- (i) 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.
- (ii) No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
- (iii) The locations of ambient air quality monitoring stations shall be decided in consultation with the State Pollution Control Board (SPCB) and it shall be ensured that at least one stations each is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.
- (iv) 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.



- (v) 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 the Environment (Protection) Act, 1986 and the Rules made thereunder.
- (vi) The Company 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.
- (vii) Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment 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.
- (viii) The company shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, risk mitigation measures and public hearing shall be implemented.
- (ix) The company shall undertake all measures for improving socio-economic conditions of the surrounding area. CER 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.
- (x) A separate Environmental Management Cell equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.
- (xi) The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose.
- (xii) A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parisad/ Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal.
- (xiii) 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.
- (xiv) The environmental statement for each financial year ending 31st March in Form-V as is mandated 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.

- (xv) 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.


11. The Ministry reserves the right to stipulate additional conditions, if found necessary at subsequent stages and the project proponent shall implement all the said conditions in a time bound manner. The Ministry may revoke or suspend the environmental clearance, if implementation of any of the above conditions is not found satisfactory.

12. The above conditions will be enforced, *inter alia* under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Water Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and rules.


12/4/2019
(S. K. Srivastava)
Scientist E

Copy to: -

1. The Additional DG (C), MoEF&CC Regional Office (NZ), Bays No. 24-25, Sector 31 A, Dakshin Marg, Chandigarh - 30
2. The Secretary, Department of Environment, Government of Haryana, SCO 1-2-3, Sector 17 (D), 2nd Floor, Chandigarh
3. The Member Secretary, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi - 32
4. The Member Secretary, Haryana State Pollution Control Board, C-11, Sector-6, Panchkula - 9 (Haryana)
5. Guard File/Monitoring File/Website/Record File


12/4/2019
(S. K. Srivastava)
Scientist E