



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

Environmental Planning Coordination Organization (EPCO)  
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No: 100 /SEIAA/2018

Date: 25.4.18

To,  
M.R. Chouhan, Chief Installation Manager  
Mangalia Pol Depot (Indore)  
Opp Mangalia Railway Station  
Mangalia Village Sanver Road  
Indore (M.P)- 453771

**Sub:- Case No 5451/2016** : Prior EC for Proposed Augmentation of existing HPCL POL depot including additional product storage tanks at Mangalia Village Sanver Road, District- Indore M.P. Total Plot area 19.5 Acres; Existing Capacity of Plant-18,450 KL Product & 2,000 KL Water; Proposed Capacity 43600 KL Product & 8000 Water; by Hindustan Petroleum Corporation Limited through Chief Installation Manager M.R. Chouhan Mangalia Pol Depot (Indore) Opp Mangalia Railway Station Mangalia Village Sanver Road Indore (M.P)- 453771 Env't Consultant: EQMS India Pvt. Ltd., Delhi

**Ref:** Your application dtd. 24.11.2016 received in SEIAA office on 05.12.2016

With reference to above, the proposal has been appraised as per prescribed procedure & provisions under the EIA notification issued by the Ministry of Environment & Forests vide S.O. 1533 (E), dated 14th September 2006 and its amendments, on the basis of the mandatory documents enclosed with the application viz., Form I, pre-feasibility report, TOR, EIA Report, ppt. and additional clarifications furnished in response observations by the State Expert Appraisal Committee (SEAC) and State Environment Impact Assessment Authority (SEIAA) constituted by the competent Authority.

- (i) The proposed project is Augmentation of existing HPCL POL depot including Additional Product Storage Tankage and there is no processing involve in this project. The transportation of material for storage purpose through railway siding and also depend on existing pipeline form BPCL terminal.
- (ii) The existing capacity of the plant is 18,450 KL Product & 2000 KL Water with total of 23 Tanks, which will be dismantle and proposing 42600 KL Product & 8000 Water with total of 20 no. of tanks. Details of the existing and proposed facilities are as follows:

**Details of Existing Tanks with Quantity**

Sl.No	Class	Material	No of Tank	Quantity (KL)
1	C	FO/LDO	5	780.00

Case No.5451/2016

Issued vide letter no. .... dated .....

Case No.: To be quoted in registered cases for correspondence

1 of 9

2	A	Hexane/MS ULP	8	4,500.00
3	B	HSD/SKO/ATF	8	13,170.00
<b>TOTAL</b>			<b>21</b>	<b>18,450.00</b>
5	NA	Water (Fire Fighting)	2	2,000.00
<b>Total</b>			<b>23</b>	<b>20,450</b>
• Pump Houses, Admin building and other allied facilities				

#### Details of Proposed Tanks with Quantity

S.No	Class	Material	No of Tank	Quantity (KL)
1	C	Bio Diesel	2	3,100.00
2	A	Hexane/MS Ethanol	7	11,680.00
3	B	HSD/SKO/ATF	9	27,820.00
<b>TOTAL</b>			<b>18</b>	<b>42,600.00</b>
5	NA	Water (Fire Fighting)	2	8,000.00
<b>Total</b>			<b>20</b>	<b>50,600.00</b>

New facilities proposed: Tanks-20 no. of varying capacity, TT Gantry (two rows of 8 bay ), pump house, and Fire fighting lines/facilities other support facilities and infrastructure facilities like approach roads, Pump Houses, Admin building, and vehicles parking area, ETP etc.

(iii) Executions of the terminal is conceptualize in two Phases. For augmentation of the proposed site PP has proposed following:

➤ **Existing facilities to be dismantled and to be modernized and re built:**

- POL and water storage tanks (Over ground and under ground both)
- Gantry, pump station & associated pipelines and operation control facility.

➤ **Facilities to remain intact:**

- Railway siding and related unloading facilities.
- Other associated facilities (such as workers facilities, Checking platforms etc)

➤ **Propose facilities**

- Mordnization of existing facilities ( facilities dismantle and rebuilt as well as facility to remain intact)
- Augmentation of capacity to 42600 KL Product & 8000 KL Water

(iv) There is no interstate boundary and no National Park / Sanctuary within the 05 km of the project area hence the general conditions are not attracted.

(v) The project includes isolated storage & handling of hazardous chemicals and covered under 6 (b) category of the MoEF, GoI EIA Notification, 2006 and its amendments.

(vi) PP has submitted copy of allotment order of land with notification dtd. 24.03.19. As per the land allotment order the land is the name of HPCL. The existing plant is lying in Magalia village and the plan area is about 19.49 acres and

upcoming proposed facility coming in same premises. There is no additional land is required for POL Depot.

- (vii) The transportation of material for storage purpose thru railway siding and also depend on existing pipeline form BPCL terminal. All the pipeline installation inside the premises are protected through corrosion coating and painting procedure.
- (viii) Presently 12 KLD water requirements for Existing project. No additional water will be required for proposed project. The source of water for the proposed project is meeting through Bore Wells.
- (ix) There is no industrial waste will be generated by this project. waste water generated from domestic activity will be disposed off through septic tank followed by soak pit.
- (x) The drainage is totally protected through the stone pitching for reducing the soil erosion. It is noted that there is a nallah passing along with the project boundary for protection of which PP has proposed 'cleaning of nallah, Embankment' of Nallah, Improved Agriculture Practices' in the close vicinity of the nallah, Plantation of suitable species along with the nallah banks.
- (xi) There is no continuous source of air pollution from the process of existing facilities of Depot. because the entire bottling process is carried out closed circuit through piping from storage area to filling shed. There shall not be any continuous source of air emission from the proposed facilities. For release of emission from the DG sets in case of power failure and operation of fire engine PP has proposed adequate stack height as per CPCB guidelines at the above roof height for proper dispersion and Water sprinkling at regular basis.
- (xii) Pleasantly 10KL oil sludge is generated in once in 5 year from existing facility and it will be increase by 15 KL and it will be recycled by MPPCB authorized /approved vendor.
- (xiii) The duration for demolition activity will be over period of 32 months. 1.3 MT /day of demolished waste will be disposed vide authorized vendors after reuse and recycling. 80-90 % of the steel generated -scrap material designed by CPCB and approximately 90 % of the Debris generated from Concrete, soil, brick masonry, aggregate will be reused as land fill for storage tanks, buildings etc.
- (xiv) The hazardous wastes generated is petroleum tank bottom sludge, Petroleum tanks are cleaned once in five year .The type and quantities of Hazardous waste generated from various processes are Approx.10 KL and it will be increase up to 15 KL. The tank bottom sludge is sold out at third party to authorized vendor. The proponent is having authorization of 3.0 MT (15.0 MT/Year) in waste stream 3.1 for cleaning of petroleum oil storage tank sludge contacting oil and 0.04 MT (Yearly) in waste stream 5.1 used oil. The Management of Hazardous waste will be done as per Hazardous Waste Management Rules 2008.
- (xv) Existing project demand, 500 KVA, but future demand will be 750 KVA. Also for Power backup, HSD is used as a fuel for D.G sets. Existing Dg set of 200 KVA will be used along with proposed DG set of capacity 750 KVA.

- (xvi) For fire fighting management fire water storage will be increased from 2,000 KL to 8,000 KL (2 cone roof tanks each 4,000 KL capacity). Fire water pumps, fire hydrants, monitors, sprinklers and foam system will be augmented as per the requirements specified in OISD Standards 117 & 244. The following safety measures are provided in compliance with OISD standard 244:
- Overfill protection for storage tanks: Independent hard-wired level switch for high level alarm and interlock to close remote operated shut off valve (ROSOV) in tank inlet line.
  - Use of flame-proof electrical equipment & fittings in the classified areas
  - Use of certified spark arrestors in the exhaust of all vehicles entering the designated areas in the Terminal
  - Strict implementation of 'No Smoking' rule
- (xvii) As per HPCL CSR policy for Social development activities in terms of Skill Development / Empowerment, Education/Literacy Enhancement, Healthcare/ Medical facility, Drinking water/ Sanitation, Community Development etc. HPCL kept at provision of 2.0% (3.0 Crores) of investment cost (150.0 Crores) and it will use in 5 years by the HPCL. PP has got approval for 30 lakhs for CSR project for school ( Manglia higher secondary school ) Boundary wall construction for school.
- (xviii) 6.5 Acres Green belt is already in existing plant. Total area available for Greenbelt is 2.63 ha on which 2630 nos. trees are to be planted and for which Total Budget for 5 year Rs. 48.86 Lacks was estimated by the company.

Based on the information submitted at Para i to xviii above and others, the State Level Environment Impact Assessment Authority (SEIAA) considered the case in its 478<sup>th</sup> meeting held on 11.04.2018 and decided to accept the recommendations of 309<sup>th</sup> SEAC meeting held on dtd 23.03.2018.

Hence, Prior Environmental Clearance is accorded under the provisions of EIA notification dtd. 14<sup>th</sup> September 2006 & its amendments to the proposed project **Augmentation of existing HPCL POL depot including additional product storage tanks at Mangalia Village Sanver Road, District- Indore M.P. Total Plot area 19.5 Acres; Existing Capacity of Plant-18,450 KL Product & 2,000 KL Water; Proposed Capacity 43600 KL Product & 8000 Water; by Hindustan Petroleum Corporation Limited through Chief Installation Manager M.R. Chouhan Mangalia Pol Depot (Indore) Opp Mangalia Railway Station Mangalia Village Sanver Road Indore (M.P)- 453771** subject to the compliance of the Standard Conditions enclosed at Annex-I and the following additional Specific Conditions as recommended by SEIAA & SEAC in its meetings.

**A. Specific Conditions as recommended by SEIAA**

- (1) Occupational health surveillance of worker should be done on a regular basis and maintained as per the Factory Act.
- (2) The project authorities shall comply with the provision made in Manufacture, storage and Import of Hazardous Chemicals Rules 1989, as amended and the Public Liability Insurance Trans – boundary Movement) Rules 2008.

- (3) Demolished waste generated during construction Concrete, soil, brick masonry, aggregate will be reused as land fill for storage tanks, buildings etc.as proposed.
- (4) PP shall plan the CSR activities as per local villagers needs and should consult District administration for implementation of the CSR activities.
- (5) PP should educate local people about pollution and its prevention/control.
- (6) Oil and water separator should be installed at appropriate places.
- (7) PP should install solar panels for all external lighting and additional solar panels should also be installed for future expansion.
- (8) Garland drains all along the boundary wall should be constructed.
- (9) PP shall ensure no leakage on any transfer point.
- (10) Liquid waste from paint house/spray painting should be properly disposed off in ETP and paint sludge/hazardous waste should be disposed in TSDF, Pithampur through authorized vendor.
- (11) Provision of clean energy should be made in environmental management plan.
- (12) PP should prepare off-site and on-site emergency plans and carry out mock drills in consultations and coordination with the District Administration and as per safety rules of the Industrial Health and Safety.
- (13) PP should ensure the traffic movement plan, parking facilities and road width.
- (14) PP should obtain NOC for fire fighting from Competent Authority.
- (15) Embankment' of Nallah, should be done as committed by PP and Plantation of suitable species along with the nallah banks also should be done.
- (16) Under green area development PP should ensure : -
  - (a) Plantation in two rows all along the periphery of the project area, and along the roads, subject to minimum of 33% of the total area of the project.
  - (b) Plantation of the trees of indigenous local varieties like Neem, Peepal, Kadam, Karnj, Kachnaar etc.
  - (c) Plantation should be completed within one year.
  - (d) Every effort should be made to protect the existing trees on the plot.

**B. Specific Conditions as recommended by SEAC**

**A. PRE-CONSTRUCTION PHASE**

1. During any construction/plant erection activity, curtaining of site should be carried out to protect nearby areas.
2. During demolition of pre-existing structures dust suppression, regular sprinkling of water should be undertaken.

3. Signboard of the proper size should be displayed at the appropriate places related to Do's and Don'ts at the time of civil or mechanical hazards/gas or liquid leakage.
4. PP will obtain other necessary clearances/NOC from respective authorities.
5. The Project Proponent shall 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 shall also be made available to local bodies, Panchayat, State Pollution Control Board and Regional Office, MoEF & CC Gol, Bhopal.
6. Provisions shall be made for the housing of construction/plant erection labor within the site with all necessary infrastructure and facilities such as mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structure to be removed after completion of the period.

## B. CONSTRUCTION PHASE

7. Land use breakup details as proposed by PP for this facility are as follows:

DESCRIPTION	UNIT	AREA
ROAD AREA	Sq.m	15,779.62
BUILDING AREA	Sq.m	2,169.44
TANK AREA	Sq.m	13,075.59
PARKING AREA	Sq.m	16,656.77
DRAIN AREA	Sq.m	1080.00
OTHER AREA	Sq.m	3810.19
GREEN BELT AREA	Sq.m	26,667.5
TOTAL AREA OF HPCL	Sq.m	78,159.11

8. PPE's such as helmet, welding shield, ear muffs etc should be provide to the workers during construction/plant erection activities.
9. Zero liquid discharge should be maintained by the plant.
10. Fire extinguishers should be provided on- site during construction/ plant erection period.
11. Water sprinkling arrangements shall be made to suppress the fugitive emissions and shall ensure that the ambient air quality is well within the prescribed norms by MoEF&CC/CPCB/MPPCB.
12. Properly tuned construction machinery and good condition vehicles with mufflers (low noise generating and having PUC certificate) should be used and turned off which not in use.
13. DG sets shall be provided with acoustic enclosures to maintain the noise level within the prescribed limits.

14. Waste construction material should be recycled as far as possible and remaining should be disposed off at a designated place in consultation with the local authority.
15. Peripheral plantation all around the project boundary shall be carried out using tall saplings of minimum 2 meters height of species which are fast growing with thick canopy cover preferably of perennial green nature. As proposed in the landscape plan & EMP. PP will also make necessary arrangements for the causality replacement and maintenance of the plants.
16. MSW of various labors generated during construction/plant erection activities should be disposed off at a designated place in consultation with the local authority.
17. Waste oil generated from the DG sets should be disposed off in accordance with the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 after obtaining authorization.
18. The soil removed during the excavation will be stacked separately and will be used for the green belt development only.
19. In such highly Units where highly flammable material is dealt where workers might be exposed to uncontrolled electrical, mechanical, hydraulic, or other sources of hazardous energy if equipment is not designed, installed, and maintained properly. So, such operating procedures must be developed and implemented to ensure safe operations.
20. The overall systems for tank filling control should be of high integrity, with sufficient independence to ensure timely and safe shutdown to prevent tank overflow.

### C. POST CONSTRUCTION/OPERATIONAL PHASE

21. Fire/smoke detection devices should be fitted all around the depot.
22. Plantation shall be carried out by the PP as per submitted plan in the command area or on available degraded land.
23. The total water requirement will be 10 KLD.
24. Use of Solar Energy should be promoted in the project area where ever possible.
25. The project authorities should comply with the provisions made in the Hazardous Waste (management, handling & Trans-boundary Movement) Rules 2016, Plastic Waste Management Rules 2016, e-waste (Management) Rules, 2016, Construction and Demolition Waste Management Rules, 2016, Solid Waste Management Rules, 2016 etc.
26. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
27. Log-books shall be maintained for disposal of all types hazardous wastes and shall be submitted with the compliance report.
28. Workers in such industry are generally susceptible to various health and chemical hazards (toxic, corrosive, carcinogens, asphyxiates, irritant and sensitizing substances); physical hazards (noise, vibration,

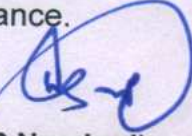
radiations, extreme temperature); biological hazards (virus, parasites, bacteria); ergonomic hazards (manual handling activities, repetitive motions, awkward postures); and psychosocial hazards (overwork, odd working hours, isolated sites, violence) so regular occupational health check should be done on regular basis .

#### D. ENTIRE LIFE OF THE PROJECT

29. A budgetary provision of Rs. 0.94 Lakh is made for Nallah maintenance with the provision of stone pitching, drain bund repairing, and cleaning of nallah twice in a year. For Environmental Management Plan a budgetary provision of Rs. 58.5 lakh as capital cost and provision of Rs. 15.5 lakh as recurring cost. The environment policy of the company should be framed as per MoEF&CC guidelines and same should be complied and monitored through monitoring cell. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
30. Total area available for Greenbelt is 2.63 ha on which 2630 nos. Trees are to be planted and for which Total Budget for 5 year = 48.86 Lacks was estimated by the company.
31. Approximately 4.00 crore liter per annum, rain water will be harvested in the plant premises.
32. A separate bank account should be maintained for all the expenses made in the EMP activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.
33. All commitments pertaining to public hearing shall be mandatory on part of PP.
34. All safety provision should be followed as prescribed in the Petroleum & Explosives Safety Organization.
35. The environment policy should be framed as per MoEF&CC guidelines and same should be complied and monitored through monitoring cell. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
36. As proposed, the green belt development / plantation activities should be completed within the first three years of the project and the proposed species should also be planted in consultation with the forest department.
37. In case of any, change in scope of work, technology, modernization and enhancement of capacity/ built-up area/ project area shall again require prior environmental clearance as per EIA notification, 2006.
38. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
39. On- site & Off - site management plan should be properly prepared as per Schedule in the MSHIC Rule 1989.
40. Being it is a MAH unit hence mock drill will be conducted twice in the year as per norms made in the MSIHC Rule 1989.



41. Awareness campaign should be promoted in within premises/and surrounding area and
42. Also Safety day, World Environmental day, World Disaster day should also be observed by the Unit.
43. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity/ built-up area/ project area, addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.

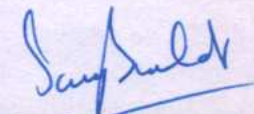
  
(P.Narahari)  
Member Secretary

101  
Endt No. / SEIAA/ 2017

Dated 25.4.18

Copy to:-

- (1). Principal Secretary, Urban Development & Environment Deptt. 3<sup>rd</sup> Floor, Mantralaya Vallabh Bhawan, Bhopal.
- (2). Secretary, SEAC, Research and Development Wing Madhya Pradesh Pollution Control Board, Paryavaran Parisar, E-5, Arera Colony Bhopal-462016.
- (3). Member Secretary, Madhya Pradesh Pollution Control Board, Paryavaran Parisar, E-5, Arera Colony, Bhopal-462016.
- (4). The Collector, District Indore M.P.
- (5). The Commissioner, Municipal Corporation, Indore, M.P.
- (6). The Jt. Director, Town & Country Planning, Housing Board Complex, A.B. Road, Indore, M.P.
- (7). Director, I.A. Division, Monitoring Cell, MoEF, Gol, Ministry of Environment & Forest Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi - 110 003
- (8). Director (S), Regional office of the MOEF, (Western Region), Kendriya Paryavaran Bhawan, Link Road No. 3, Ravi Shankar Nagar, Bhopal-462016.
- (9). Guard file.

  
(Dr. Sanjeev Sachdev)  
Officer-in-Charge

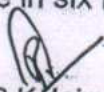
Encl: Standard Conditions (Annex-I)

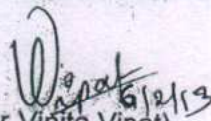
**State Environment Impact Assessment Authority, M.P.**  
(Government of India, Ministry of Environment & Forests)  
Research and Development Wing, Madhya Pradesh Pollution Control Board,  
Paryavaran Parisar, E-5. Arera Colony, Bhopal-4620 16

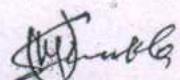
**Standard Conditions related to Activity 6 (b) – Isolated storage and handling of hazardous chemicals of Category B projects under the Schedule of Ministry of Environment and Forests, GoI Notification dtd 14-09-06**

**Annex-I**

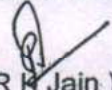
1. Any enhancement of capacity, change in technology, modernization and scope of working shall again require prior environmental clearance as per EIA notification, 2006.
2. Environment Management Plan (EMP) should be strictly in accordance to the finding of environmental impact assessment.
3. Execution of all activities /-mitigative measures proposed by PP in Environmental management plan and approved by SEAC must be ensured.
4. All parameters listed in Environmental Monitoring Plan approved by SEAC must be monitored at approved locations and frequencies. PP shall submit a copy of Environmental Management Plan & Environmental Monitoring Plan duly approved by SEAC within one month of issue of EC to SEIAA and concerned Regional Office, MoEF, GoI.
5. The National Ambient Air Quality Emission Standards issued by the Ministry vide GSR no.826(E) dtd 16.11.2009 shall be followed.
6. Vehicular emissions shall be kept under control and regularly monitored. Vehicles used for transportation of raw material and others shall have valid permissions as prescribed under Central Motor Vehicle Rules, 1989 and its amendments. No overloading of raw material for transportation shall be committed.
7. Periodic monitoring shall be carried out as per norms for RPM, SPM, SO2, NOx LPG, VOC and HC monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the M. P. Pollution Control Board. The monitored data for criteria pollutants shall be regularly uploaded on the company's website and displayed.
8. Gaseous emissions including secondary fugitive emissions from all the sources shall be controlled within the latest permissible limits issued by the CPCB.
9. Data on ambient air quality (RSPM, SPM, SO2, NOx) should be regularly submitted to the Regional office of the Ministry of Environment and Forest, Bhopal and the M.P. Pollution Control Board / Central Pollution Control Board once in six months.

  
(Dr R K Jain )  
Officer-in-Charge

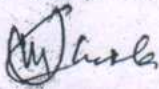
  
(Dr Vinita Vipat)  
Officer-in-Charge

  
(Dr U M Shukla)  
Officer-in-Charge

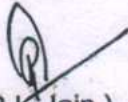
- 10. Water sprinkling shall be done to control fugitive emissions. Monitoring of fugitive emission in the work zone environment shall be carried out regularly as per the CPCB guidelines and reports submitted to Madhya Pradesh PCB/CPCB and Ministry's Regional Office at Bhopal.
- 11. Industrial waste water shall be properly collected and treated so as to conform to the standards prescribed under GSR 422 (E) dated 19<sup>th</sup> May, 1993 and 31<sup>st</sup> December, 1993 as amended from time to time. The treated wastewater shall be utilized for plantation and dust suppression purpose. Domestic waste water treated in septic tank and soak pit.
- 12. The project proponent shall develop rain water harvesting structures to harvest the rain water for utilization in the lean period besides recharge of ground water.
- 13. Measure shall be taken for control of noise level below 75dBA in the work environment. Workers should be provided with ear plugs/mufs.
- 14. All solid waste shall be properly utilized or disposed off in environment friendly manner or in secured landfills within the plant premises as per the CPCB guidelines. Waste oil and oily sludge shall be provided to registered recyclers/reprocessors as per CPCB guidelines.
- 15. Proper housekeeping shall be ensured and all the raw material including scrap, coal, slag, sludge and oily waste shall be stored separately in designated place only. All the other solid wastes including broken refractory mass shall be properly disposed off in environment - friendly manner.
- 16. The proponent shall provide housing for construction labor within the site with all necessary infrastructures and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- 17. Personnel working shall be provided with protective respiratory devices and they shall be imparted adequate training and information on safety and health aspects.
- 18. All the measures regarding occupational health surveillance of the workers shall be undertaken and regular medical examination of all the employees shall be ensured as per the Factories Act and records maintained.
- 19. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
- 20. The project authorities shall inform to the Regional office of the Ministry of Environment and Forest, Bhopal and MPPCB final approval of the project by the concerned authorities and the date of start of land development work.
- 21. The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year wise expenditure shall be reported to the Regional office of the Ministry of Environment and Forest, Bhopal and MPPCB.

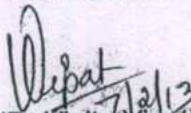
  
 (Dr R K Jain )  
 Officer-in-Charge

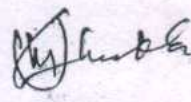
  
 (Dr Vinita Vipat)  
 Officer-in-Charge

  
 (Dr U M Shukla)  
 Officer-in-Charge

- 22. The Regional Office, MoEF, Gol, Bhopal and MP PCB shall monitor compliance of the stipulated conditions. A complete set of documents including Environment Impact Assessment Report, Environmental Management Plan and other documents information should be given to Regional Office of the MoEF, Gol at Bhopal, MPPCB and concerned agencies as per EIA notification.
- 23. Action plan with respect to suggestion/improvement and recommendations made and agreed during public hearing consultation, if any, shall be submitted to the Regional office of the MoEF, Bhopal and MPPCB to the competent authority of the State Govt. within six months.
- 24. The Project Proponent has to submit half yearly compliance report of the stipulated prior environmental clearance terms and conditions in hard and soft copy to the Regulatory Authority on 1st June and 1st December of each calendar year as per EIA notification 2006 and its amendments.
- 25. A copy of the environmental clearance shall be submitted by the Project Proponent to the Heads of the local bodies, Panchayat 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.
- 26. The project proponent has to strictly follow directions/guideline issued by the MoEF, Gol, CPCB and other Govt. agencies from time to time.
- 27. The Project Proponent shall 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 also at web site of the State Level Environment Impact Assessment Authority (SEIAA) website at www.mpseiaa.nic.in and a copy of the same shall be forwarded to the Regional Office, MoEF, Gol, Bhopal and MP PCB.
- 28. The SEIAA of M.P. 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.
- 29. The Ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
- 30. Concealing factual data or submission of false/fabricated data and 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.
- 31. 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.

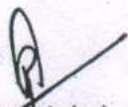
  
(Dr R K Jain )  
Officer-in-Charge

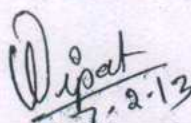
  
(Dr Vinita Vipat)  
Officer-in-Charge

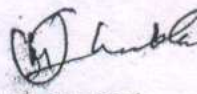
  
(Dr U M Shukla)  
Officer-in-Charge

Issued Vide No. 100-1/SEIAA/EPCO  
Dated 25.4.18

- 32. The 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.
- 33. The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely, SPM, RSPM, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
- 34. The prior environmental clearance granted for the project is valid for a period of five years as per EIA notification 14/09/2006.
- 35. The corporate social responsibilities as envisaged in the Office Memorandum dated 18/05/2012 of MOEF GOI should be ensured.
- 36. The Environment statement for each financial year ending 31<sup>st</sup> March in Form-V is mandated to be submitted by the project proponent 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 EC conditions and shall also be sent to the Regional Office of MoEF.
- 37. Project Proponent shall explore the possibility of using solar energy where ever possible.
- 38. The company shall make the arrangement for protection of possible fire hazards.
- 39. The project authority shall strictly comply with the provisions made in Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989, as amended in 2000 and the Public Liability Insurance Act for handling of hazardous chemicals etc. Necessary approvals from Chief Controller of Explosives and other authorities must be obtained before commissioning of the project. Requisite on site and off site Disaster Management Plans / emergency response plans as per the guidelines of Govt. of India shall be prepared and implemented. Mock drill shall be conducted quarterly.
- 40. The Project authority shall obtain all requisite clearances for fire safety and explosives and shall comply with the stipulation made by the respective authorities. All safety measures shall be ensured during unloading, filling and at transfer points etc. Latest fire fighting system shall be ensured.
- 41. The project authority shall install automatic leak detection systems and alarm system at all required places. Project Authority shall install automatic interlocking shutdown systems in case of any leakage of gas. Adequate arrangements for prevention and control of fire hazards shall be provided.

  
 (Dr R K Jain)  
 Officer-in-Charge

  
 (Dr Vinita Vipat)  
 Officer-in-Charge

  
 (Dr U M Shukla)  
 Officer-in-Charge