



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

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No: 1572 /SEIAA/2018

Date: 17.10.18

To,  
**Shri Dharmesh Singh,**  
**General Manager,**  
**M/s Indian Oil Corporation Ltd (MD),**  
**Storage Expansion at Bangrod,**  
**Ratlam, MP -457111**

**Sub:- Case No.5586/2017:** Prior Environment Clearance for Storage Capacity Expansion at Ratlam POL Terminal, Bangrod, Ratlam, MP. Existing Capacity- 77,918 KL POL products, Proposed Capacity enhance the POL storage capacity of the plant by constructing 2 X 10,000 KL MS Tanks, 3 X 20,000 KL HSD tanks and 1 X 6,000 KL Biodiesel Tank along with additional wagon/unloading facility, product pump house and new mechanized OWS/ETP. Total Plot area 35.17 ha (97 Acres) by M/s. Indian Oil Corporation Ltd., (MD), storage expansion at Bangrod, Ratlam (M.P.) – 457111 Shri Dharmesh Singh, General Manager, M/s Indian Oil Corporation Ltd (MD), Storage Expansion at Bangrod,Ratlam, MP -457111.Env. Con. – Anacon Lab.Nagpur (M.S.)

**Ref:** Your application dtd. 16.10.17 received in SEIAA office on 01.11.2017

With reference to the 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 14<sup>th</sup> 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 to observations by the State Expert Appraisal Committee (SEAC) and State Environment Impact Assessment Authority (SEIAA) constituted by the competent Authority.

- (i) This is storage capacity enhancement project of petroleum product at IOCL Ratlam terminal from 77,918 KL to 1,63,918 KL by constructing tanks of 2 X 10,000 KL MS Tanks, 3 X 20,000 KL HSD tanks and 1 X 6,000 KL Biodiesel Tank at Indian Oil Corporation Ltd.(MD) In addition to above storage capacity expansion, following facilities will be added in proposed expansion project.
- 2nd Spur tank wagon railway loading/unloading facility.
  - Product pump house for tank wagon unloading.
  - New mechanized OWS/ETP
- (ii) Earlier prior Environmental Clearance was granted by MPSEIAA vide letter No.7635/SEIAA/2015, dated 13.11.2015 for the case no. 714/2013.. PP has submitted compliance report of earlier prior EC certified by MoEF & CC Regional Office, Bhopal (dtd. 16.08.2018).

Case No. 5586/2017

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

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

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- (iii) The configuration of 2nd Spur tank wagon Gantry facilities are as follows. Second spur will be constructed for loading & unloading purpose. The length of second spur would be around 650 M. The second spur facility would be used for loading for MS, HSD, and SKO & ATF. Implementation of Automation for loading operation.
- (iv) In addition to the above existing facilities, the following are proposed in the proposed augmentation of Terminal
- Proposed investment in additional Fire Fighting facilities including Fire water tanks, Fire Hydrant, Fire Pumps etc. shall be about Rs. 19 crore.
  - Proposed investment in Safety equipments Like e.g. Rim Seal Fire Protection for floating roof tanks, HVLR Monitor, ROSOV, DBBVs, Hydrocarbon detectors etc. related to Safety shall be about Rs. 3 crore.
  - Proposed investment in Road to be laid during the proposed augmentation shall be about Rs. 4 crore.
  - Proposed investment on Facilities like "Rain water Harvesting" shall be around Rs.0.5 crore.
  - Proposed investment in dyke concreting in proposed augmentation shall be about Rs. 5 crore.
  - Proposed investment in proposed ETP of capacity of 200 KL per Hour shall be around Rs.2.5 crore.
- (v) There is no interstate boundary within 10 km and no National Park / Sanctuary within the 5 km of the project area hence the general conditions are not attracted.
- (vi) The project includes isolated storage & handling of hazardous chemicals and covered under 6 (b) category of the MoEF&CC, GoI EIA Notification, 2006 and its amendments
- (vii) No additional land required for proposed expansion. The existing POL Terminal has enough space within its plant boundary to accommodate the expansion. The total existing area of the project is 35.17 ha. Out of this PP has submitted notarized copy of Khasra Panchsala 2011-2012 for the land 31.410 ha and also submitted Collector, Ratlam allotment order dtd 14.08.2008 for the area 3.780 ha.
- (viii) Public Hearing was held on 04.05.2018 at project site IOCL Terminal at village Bagroad, District Ratlam under the Chairmanship of Add. Collector District Ratlam. Some issues regarding Pollution, employment, Land acquisition etc. Were raised during public hearing which was readdressed by PP.
- (ix) For the control of air emission PP has proposed as follows:-
- In order to control emission of particulates during operation of the DG sets, adequate control equipment will be installed and adequate stack height will be provided as per CPCB norms
  - Water sprinkling on road during construction phase
  - Green area development to arrest air pollutants.
  - Use of Tarpaulin for covering the material during the transportation during construction phase.
- (x) The total water requirement of the plant will be 11KLD which will be met Infrastructure CGWA . Water will be used for process for cylinders washing, testing etc, Water consumption due to installation of new storage tanks will not increase. Hence the water consumption of the plant will remain same.

- (xi) The total water requirement for domestic purpose is estimated to be 3.5 m<sup>3</sup>/d. The domestic waste generation is to be 0.7 m<sup>3</sup>/d. The domestic waste generation will be sent to septic tank / soak pit. If overflow is there than will be used for gardening. The wastewater generated from the existing plant is 0.5 KL/day due to Mock Drill Only and send to OWS.
- (xii) Solid waste generate in the form of excavated earth during the construction period. Excavated material in excess shall be utilise for land filling during the construction of Platform for Tanks. Cement bags, plastic buckets, coal tar drums, damaged tools and other containers are used during construction and discarded as solid wastes to authorized vendor.
- (xiii) 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 minimum. Terminal has the authorization from Madhya Pradesh pollution control board (1234/HOPCB/HSMD/UR-15/2014) for Trans boundary movement and agreement with RAMKY Pithampur party (MPPCB approved) for disposal/reutilization process based on quality of waste.
- (xiv) The green belt (existing + propped) will be developed within 12.58 ha considering 33% of total plant area i.e. 38.120 ha. Existing plantation is 2007 nos. and propped plantation will be 18870 nos. (@ 1500 ha). Thus the total plantation after expansion will be 20877 nos.
- (xv) For the existing project power is received from M. P. Pashcim Khhetra Vidyut Vitran Co. Ltd. The power requirement of the propped project is 1000 kVA which will be obtained from M. P. Pashcim Khhetra Vidyut Vitran Co. Ltd. Moreover three DG sets (2x500 & 1x200 ) is alerady available. Roof top solarization of the capacity 145 KWP is under commissioning.
- (xvi) IOCL Ratlam Terminal is a part of Indian Oil Corporation limited in which CSR budget was provided to concerned State Office wise to carry out CSR activities in State based on the local needs
- (xvii) IOCL Ratlam Terminal is a part of Indian Oil Corporation limited in which CSR budget was provided to concerned State Office wise to carry out CSR activities in State based on the local needs. Details of budget and with activities of propped year are as follows:-

S.No.	Year	Activities	Village	Rs (in lakh)
1.	2018-19	Remaining construction of road from village Bangrod upto Railway.	Bangrod	19.8
2.	2018-19	Provide one waste collection vehicle to village Bangrod under Swach Bharat Anhiyan.	Bangrod	5.1
3.	2018-19	Provide furniture for new Panchyat Bhawan.	Bangrod	4.2
<b>Total</b>				<b>29.1</b>

- (xviii) **Cost of the project.** : Cost for the proposed expansion project is estimated to be Rs. Approx. 236.0 Crore

- (xix) **Benefit of the Project:** Around the project site semi-skilled and unskilled workmen are expected to be available from local population in these areas to meet the manpower requirement during construction phase. There will be employment opportunity for local people during construction and operation phase. Infrastructural facilities will be improved due to the project.

Based on the information submitted at Para i to xix above and others, the State Level Environment Impact Assessment Authority (SEIAA) considered the case in its 505<sup>th</sup> meeting held on 26.09.2018 and decided to accept the recommendations of 327<sup>th</sup> SEAC meeting held on dtd 07.09.18.

Hence, Prior Environmental Clearance is accorded under the provisions of EIA notification dtd. 14th September 2006 & its amendments for the proposed Storage Capacity Expansion at Ratlam POL Terminal, Bangrod, Ratlam, MP. Existing Capacity- 77,918 KL POL products, Proposed Capacity enhance the POL storage capacity of the plant by constructing 2 X 10,000 KL MS Tanks, 3 X 20,000 KL HSD tanks and 1 X 6,000 KL Biodiesel Tank along with additional wagon/unloading facility, product pump house and new mechanized OWS/ETP. Total Plot area 35.17 ha (97 Acres) by M/s. Indian Oil Corporation Ltd., (MD), storage expansion at Bangrod, Ratlam (M.P.) – 457111 Shri Dharmesh Singh, General Manager, M/s Indian Oil Corporation Ltd (MD), Storage Expansion at Bangrod, Ratlam, MP –457111 subject to the compliance of the Standard Conditions and the following additional Specific Conditions as recommended by SEIAA & SEAC in its meetings.

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

- (1) PP should ensure the implementation of the observations of MOEF & CC RO, Bhopal report dtd 16.08.2018.
- (2) Occupational health surveillance of worker should be done on a regular basis and maintained as per the Factory Act.
- (3) 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.
- (4) PP should ensure implementation of CSR activities as per local villagers needs and should consult District administration for implementation of the CSR activities and also incorporate the following additional activities as propped.
  - (i) Remaining construction of road from village Bangrod upto Railway
  - (ii) Provide one waste collection vehicle to village Bangrod under Swachh Bharat Anhiyan..
  - (iii) Provide furniture for new Panchyat Bhawan.
- (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) PP should conduct educational/awareness programmes in coordination with M P Pollution Control Board.
- (12) Provision of clean energy should be made in environmental management plan.
- (13) 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.
- (14) PP should ensure the traffic movement plan, parking facilities and road width.
- (15) PP should obtain NOC for firefighting from Competent Authority.
- (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.
- (17) Adequate buffer zone around the tank age facilities, as may be required as per IOCL or other statutory requirements.
- (18) VOC and HC shall be regularly monitored in the work zone in the plant along with other parameters and data shall be submitted to MPPCB and R.O. of MoEF.

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

**(A) PRE-CONSTRUCTION PHASE**

- (19) During any construction/plant erection activity, curtaining of site should be carried out to protect nearby areas.
- (20) During demolition of pre-existing structures dust suppression, regular sprinkling of water should be undertaken.
- (21) Periodic maintenance of construction equipments shall be done. Heavy vehicle must be checked for PUC certificate.
- (22) 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.
- (23) PP will obtain other necessary clearances/NOC from respective authorities.
- (24) 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.
- (25) 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**

(26) Land use breakup details as proposed by PP for this facility are as follows:

Sr.No.	Particular location	Area in Acres	Area in %
1	License area	56	57.73
2	Tank Truck Parking area	3.2	3.6
3	Administrative Office Building	0.34	0.35
4	Green belt	13.36	13.77
5	Proposed area for expansion	11	11.34
	<b>Total</b>	<b>97</b>	<b>100</b>

- (27) PPE's such as helmet, welding shield, ear muffs etc should be provide to the workers during construction/plant erection activities.
- (28) Total effluent generated in the plant after expansion is capacity of 200 KL per Hour for which STP/ETP of suitable capacity should be installed and afterwards this treated water should be reused in cylinder washing & gardening purpose.
- (29) Fire extinguishers should be provided on- site during construction/ plant erection period.
- (30) 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.
- (31) 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.
- (32) DG sets shall be provided with acoustic enclosures to maintain the noise level within the prescribed limits.
- (33) Waste construction material should be recycles as far as possible and remaining should be disposed off at a designated place in consultation with the local authority.
- (34) Peripheral plantation all around the project boundary @ 2021/year 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.
- (35) MSW of various labors generated during construction/plant erection activities should be disposed off at a designated place in consultation with the local authority.
- (36) 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.
- (37) The soil removed during the excavation will be stacked separately and will be used for the green belt development only.
- (38) 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.
- (39) 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**

- (40) Fire/smoke detection devices should be fitted all around the depot.
- (41) Use of Solar Energy should be promoted in the project area where ever possible.
- (42) 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.
- (43) Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
- (44) Log-books shall be maintained for disposal of all types hazardous wastes and shall be submitted with the compliance report.
- (45) Safety Equipments as per OISD 150 shall be positioned at various strategic points within the Plant and periodic Emergency Drills & Emergency Response Drills shall also be carried out as per norms of OISD.
- (46) Communication gadgets such as Siren with codes, Manual Call points, Hooters/beacons, Walkie-Talkie sets, Public Address System, Flameproof PA/paging system at adequate areas shall be provided.
- (47) 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); 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**

- (48) A budgetary provision of Rs. 79.05 Lakh is made for Environmental Management Plan and provision of Rs. 22.40 Lakh/year as recurring cost, is made for implementing Environmental Monitoring Programme.
- (49) Total 2021 nos. of trees per year will be planted and for which total Budget of Rs 08.05 Lacks are proposed as capital cost and Rs. 06.40 Lacks as recurring cost.
- (50) Under CSR activity, Rs. 29.10 lakh for 2018-19 are proposed for different activities.
- (51) Occupational health survey of all concerned shall be carried out in the every six month.
- (52) 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.
- (53) 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.
- (54) All commitments pertaining to public hearing shall be mandatory on part of PP.
- (55) All safety provision should be followed as prescribed in the Petroleum & Explosives Safety Organization.

- (56) 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.
- (57) 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.
- (58) 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.
- (59) PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
- (60) On- site & off - site management plan should be properly prepared and keep up-to-date as per schedule in the MSHIC Rule 1989.
- (61) Being it is a MAH unit hence mock drill of concerned different scenario shall be taken up as per norms made in the MSIHC Rule 1989.
- (62) Awareness campaign should be promoted within premises and in surrounding areas for associated hazard with the unit and prevention methods.
- (63) 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 project shall require a fresh Environment Clearance.

**Standard Conditions:**

1. Environment Management Plan (EMP) should be strictly in accordance to the finding of environmental impact assessment.
2. Execution of all activities / mitigative measures proposed by PP in Environmental management plan and approved by SEAC must be ensured.
3. 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&CC, Gol.
4. 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.
5. Periodic monitoring shall be carried out as per norms for RPM, SPM, SO<sub>2</sub>, NO<sub>x</sub> 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.
6. Gaseous emissions including secondary fugitive emissions from all the sources shall be controlled within the latest permissible limits issued by the CPCB.



7. Data on ambient air quality (RSPM, SPM, SO<sub>2</sub>, NO<sub>x</sub>) 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.
8. 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.
9. Industrial waste water shall be properly collected and treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st 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.
10. 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.
11. Measure shall be taken for control of noise level below 75dBA in the work environment. Workers should be provided with ear plugs/muffs.
12. 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/re-processors as per CPCB guidelines.
13. 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.
14. Personnel working shall be provided with protective respiratory devices and they shall be imparted adequate training and information on safety and health aspects.
15. 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.
16. 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.
17. 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.
18. 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.
19. The Regional Office, MoEF&CC, 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.
20. 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&CC, Bhopal and MPPCB to the competent authority of the State Govt. within six months.

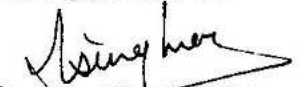
21. The Project Proponent has to submit half yearly compliance report of the stipulated prior environmental clearance terms and conditions in hard and soft copy to the Regulatory Authority on 1st June and 1st December of each calendar year as per EIA notification 2006 and its amendments.
22. The Project Proponent has to upload soft copy of half yearly compliance report of the stipulated prior environmental clearance terms and conditions on 1st June and 1st December of each calendar year on MoEF&CC web portal - <http://www.environmentclearance.nic.in/> or <http://www.efclearance.nic.in/> and submit hard copy of compliance report of the stipulated prior environmental clearance terms and conditions to the Regulatory Authority also
23. 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.
24. The project proponent has to strictly follow directions/guideline issued by the MoEF&CC, GoI, CPCB and other Govt. agencies from time to time.
25. 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](http://www.mpseiaa.nic.in) and a copy of the same shall be forwarded to the Regional Office, MoEF&CC, GoI, Bhopal and MPPCB.
26. 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.
27. The Ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
28. 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.
29. 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.
30. 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.
31. 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&CC, 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.



32. The prior environmental clearance granted for the project is valid for a period of five years as per EIA notification 14/09/2006.
33. The corporate social responsibilities as envisaged in the Office Memorandum dated 18/05/2012 of MOEF GOI should be ensured.
34. 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&CC.
35. Project Proponent shall explore the possibility of using solar energy where ever possible.
36. The company shall make the arrangement for protection of possible fire hazards.
37. 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.
38. 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.
39. 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.

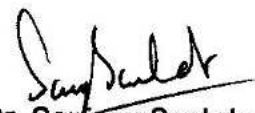
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Endt No. / SEIAA/ 2018

Dated 17.10.18

  
ofc (Jitendra Singh Raje)  
Member Secretary

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 Ratlam M.P.
- (5). M.D.MPAKVN (B), 1st Floor, Tawa Complex, Bittan Market, E-5, Arera Colony, Bhopal - 462 016, M.P.
- (1). Director, I.A. Division, Monitoring Cell, MoEF, GoI, Ministry of Environment & Forest Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi – 110 003
- (2). Director (S), Regional office of the MOEF, (Western Region), Kendriya Paryavaran Bhawan, Link Road No. 3, Ravi Shankar Nagar, Bhopal-462016.
- (3). Guard file.

  
ofc (Dr. Sanjeev Sachdev)  
Officer-in-Charge