



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

**Environmental Planning & Coordination Organization**

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No.: 4689 ISEIAA 26  
Date: 29.10.20

To,

**M/s Shailchem Distillate Pvt. Ltd,**  
Plot No. 139A to 142A,  
AKVN Industrial Area,  
Meghnagar, Dist. Jhabua,  
MP - 457779

**Sub:- Case No. 7818/2020 :** Prior Environment Clearance for proposed project Manufacturing of Drug Intermediates & Key starting materials for API at Plot No.139-A, Industrial Area, Meghnagar, Dist.Jhabua Madhya Pradesh Land area – 10,000 sq. m. Production Capacity: 4980 MT/Annum by Sanjay Vyas, Director, SHAIL CHEM DISTILLATE PVT. LTD. Plot No. 139-A, Industrial Area, Meghnagar Dist. Jhabua, Meghnagar, Jhabua MP- 457779 Email – [shailchemdistillate@gmail.com](mailto:shailchemdistillate@gmail.com), Mob :-09893321712 Env. Consultant : Creative Enviro Services, Bhopal

**Ref:** Your application dtd. 18.09.20 received in SEIAA office on 25.09.2020

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. The project is proposed for Manufacturing of Drug Intermediates and Key Starting materials for API at Plot No. 139-A, Industrial Area, Village - Bedavali, Tehsil - Meghnagar, Dist. Jhabua, (MP).by SHAIL CHEM DISTILLATE PVT. LTD through Director, Sanjay Vyas.
- ii. Geographical coordinate of project site is Latitude: 22°54'19.06"N Longitude: 74°33'10.98"E
- iii. The proposed project is for API-Drug intermediates &Key Starting material for API, for 4980 MT/annum, proposed in the premises of 10000sq.m.

Case No. 7818/2020

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

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

- iv. There is no interstate boundary within 05 km and no National park, Sanctuary and Eco-sensitive areas within 05 km of the project area hence General condition are not attracted.
- v. The proposed production capacity is 4980 TPA. Proposed product and production capacity:-

S. No	Name and category of Product	Capacity Qty (MT/PA) and Composition
1	Bis-(4-hydroxyphenyl) methanone	1080
2	(1,3-phenylene) bis [(4-Hydroxyphenyl) methanone]	180
3	(1,4-phenylene) bis [4-hydroxyphenyl) methanone]	180
4	Bis-(4-fluorophenyl) methanone	2640
5	1-(4-hydroxyphenyl) ethan-1-one	900
	<b>Total</b>	<b>4980</b>

- vi. The proposed project is covered under 5(f) category "Synthetic organic chemicals industry (dyes & dye intermediates; bulk drugs and intermediates excluding drug formulations; synthetic rubbers; basic organic chemicals, other synthetic organic chemicals and chemical intermediates) as per EIA Notification 2006 and categorized under B2 Category as per recent MoEFCC So. No. 1223 (E) dated 27<sup>th</sup> March 2020 & In the context of pandemic COVID -19, MoEF&CC Gol's issued a OM vide dated 13.04.2020, for considering the API & Bulk drug Projects as B-2 category.
- vii. The case was discussed in SEAC meetings 463<sup>rd</sup> dated 01.10.2020, and recommended for grant of prior EC.
- viii. The total plot area is 10,000.0 sq.m. (Plot no. 139-A) for which PP has executed registered lease deed dated 16.09.2010 executed between Managing Director MPAKVN, (Indore) Ltd. and M/s SHAIL CHEM DISTILLATE PVT. LTD through Director, Shri Mahendra Singh Thakur for the period of 30 years.
- ix. The land use breakup of the project area is as follows:-

S.No.	Particulars	Total Area (Sq. Mt.)
1	<b>Total Land Area</b>	<b>10,000</b>
2	<b>Built up area</b>	<b>4,100</b>
	<b>Break up of Built up area</b>	
2.1	PRODUCTION BLOCKS	1500
2.2	WAREHOUSE	500
2.3	UTILITY BUILDING	200
2.4	ADMIN QC & QA	300
2.5	UG TANK & PUMP ROOM	200
2.6	SECURITY	100
2.7	ETP	1000
2.8	Drum Storage	200
2.9	ACID Drum Storage	100
3	<b>Green Belt - 3 Layer Trees</b>	<b>3500</b>
4	<b>Future Allocation</b>	<b>800</b>
5	<b>Open Land</b>	<b>1600</b>

- x. The major facilities involved area Boiler, Cooling Towers,ZLD based Effluent Treatment system (ETP) with MEE &ATFD, Facilities like administrative office, parking and greenbelt/plantation also developed as per plan/requirement.
- xi. The industrial water requirement for the proposed project is 93 KL per day which will meet from AKVN supply. The total water requirement is about 143KLD and waste water generated from the plant will be about 86.5KLD. The proposed capacity of ETP, and MEE is 150KLD, and75 KLD (output), respectively
- xii. Total waste water generation from proposed unit will be 86.5 KLD Out of this about 55 KLD will be High COD from Process, &Boiler blow down & washing will be15.5 KLD Low COD will be 20 KLD. Domestic/ Sewage 5 KL will be collected by gravity from all sources into soak pit.
- xiii. HTDS Effluent will be sent to ETP followed with Multiple Effect Evaporator (MEE) & Agitated Thin Film Dryer (ATFD).
- xiv. Low COD/Low TDS Effluent will be treated in an Effluent Treatment Plant comprising of Primary, Secondary & Tertiary treatment like sand filter carbon filter followed with MEE &ATFD. The treated effluent will be reused within the company premises as cooling tower makeup water and boiler feed etc.
- xv. Hazardous waste generated during the manufacturing process will be disposed at authorized TSDF facility, as per Hazardous and Other Waste (Management &Trans-boundary Movement) Rules, 2008 (Amendment 2016). M/s Shailchem will take expanded authorization Under Hazardous Waste (Management, Handling & Trans-boundary Movement), Rules.

S. No.	Sources	Type of pollutants	Waste category as per HW Rules 2016	Annual Generation ( After )
01	Processing Plant & Filters	Process Residue & Waste	28.1	175 MT
02	Solvent Refining Unit (Existing)	Distillation Residue	20.3	125 MT
03	From Plants	Used or Spent Oil	5.1	1 MT
04	From Carbon filter	Spent carbon or filter medium	36.2	600 Kg
05	From Plant	Polythene bags, plastic scrap, centrifuge bags	--	2.5 MT
06	From Plants	Empty Barrels,	33.1	100
07	Effluent Treatment Plant	Chemical Sludge from Waste water treatment (ETP & MEE Plant)	35.3	190 MT

- xvi. Power requirement will be sourced from existing line of 'Madhya Pradesh Pashchimi Kshetra Vidyut Vitaran Company'. The company is authorized to use power load of 1300 KVA. In case of power failure, D.G. sets of 500- KVA will be used as a backup power source.

xvii. For waste water management P has proposed as follows:-

- Storm water drainage system shall be developed and shall be maintained preciously to prevent the flow of silt and other contaminant outside of the site
- The entire trade effluent will be divided into two streams i.e. Stream-I (high concentrated streams) and Stream-II (low concentrated stream). Both the streams will be treated in well-designed ETP, and MEE, ATFD system
- Low COD /TDS wastewater (including process effluent, washing, blow downs from cooling towers, boiler, scrubber, Softener regeneration) will be sent to ETP followed MEE, ATFD. Treated water will be reused.
- High COD / TDS wastewater (consisting process effluent & RO reject,) will be sent to ETP followed by MEE/ATFD. Condensate will be reused and bottom salt will be sent to a common TSDF site.
- Utilization of treated wastewater (Steam condensate) in cooling tower, gardening, boiler etc.
- A drain along the boundary wall shall be made, which will be connected proposed settling tank to protect the flow of contaminant towards nearby area
- Recycling of 86.5 KLD (- 60 % of total fresh demand) water is proposed which ultimately reduces the fresh water demand.
- Shailchem will install Multi Effective Evaporator, with treatment capacity of 75 KLD at outlet. The treated water will be used for cooling towers, floor washing and gardening/green belt.
- Blow downs from cooling towers, boiler, ACF/MGF Cleaning, Softener regeneration, Vacuum pump will go to ETP
- Water harvesting structure need to provide further strength with proper maintenance
- ZERO effluent discharge shall be implemented, and maintained.

xviii. The main source of air pollution is from boiler, thermic fluid heater and DG Sets for management of air pollution PP has proposed as follows:-

- Installation of Scrubbers as part of Air Pollution Control Measure (APCM), Provision of adequate stack height and vents for Boiler and DG set.
- As per the MPPCB directive, emission of Particulate matter shall not exceed the limit of 150 mg/Nm<sup>3</sup>
- Regular water sprinkling shall be ensured in the plant area during construction phase.
- All internal roads shall be paved or concreted as per requirement to avoid the dispersion of Particulate matters.
- Transportation of Raw material by closed trucks only
- Regular maintenance of vehicle with PUC shall be maintained.
- Online stack monitoring system will be provided with due compliance from MPPCB
- Thick green belt shall be developed in about 33.00 % of total plot area which will help to control the air pollution

xix. Risk assessment is the process of identifying, analyzing, and evaluating the hazard posed by an industrial plant and the main aim is the prevention and mitigation of accidents in potentially hazardous facilities. Following measures taken for risk assessment & disaster management

- Fire extinguishers are provided (Dry chemical powder & CO<sub>2</sub> Type)
- Fire exit and escape routes are always kept clear
- Suitable types of cable & wiring should be used for Plant
- First aid kit provided for employees

- Fire hydrant system is available
- xx. The unit will do plantation and also have planned for total garden area to be 3500square meters i.e. 33% of the total area. The green belt of 5-10 m width will be developed mainly along the periphery and road side.
- xxi. The total estimated cost of the proposed project Rs. 15 Crore out of which Rs. 501.8 Lacs (capital cost) is allocated for environmental management systems and the annual recurring cost for the same is Rs 18.50 Lacs.
- xxii. Under CER activities PP has propped as following activities with budgetary provision of 15 lakh.

CORPORATE ENVIRONMENT RESPONSIBILITY		RS IN LAKHS
1	Due to falling in brown field project we will invest 1% of the capital investment The break-up is as under.	15.00
	a) Proposed to provide educational material & infrastructure to Govt. Primary & Middle Schools,high scholl of nearby Agral village, Tehsil Meghnagar district-Jhabua.	10.0
	b) Proposed to provide infrastructure to Anganwaaadi in Agral nearby village TehsilGovt. Higher Secondary school in nearby Agral villages Meghnagar district-Jhabua.	5.0

Based on the information submitted at Para i to xxii above and others, the State Level Environment Impact Assessment Authority (SEIAA) considered the case in its 644<sup>th</sup> meeting held on 07.10.2020 and decided to accept the recommendations of 463<sup>rd</sup> SEAC meeting held on dtd 01.10.2020.

Hence, Environmental Clearance is accorded under the provisions of EIA notification dtd. 14<sup>th</sup> September 2006 and its amendments to the proposed Manufacturing of Drug Intermediates & Key starting materials for API at Plot No.139-A, Industrial Area, Meghnagar, Dist.Jhabua Madhya Pradesh Land area – 10,000 sq. m. Production Capacity: 4980 MT/Annum by Sanjay Vyas, Director, SHAIL CHEM DISTILLATE PVT. LTD. Plot No. 139-A, Industrial Area, Meghnagar Dist. Jhabua, Meghnagar, Jhabua, MP-457779 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. The entire demand of fresh water should be met through MPAKVN. Fresh water should not be used for Irrigation and gardening purpose.
2. **Waste water:**
  - (a) PP should ensure "Zero effluent discharge" from the unit by 100% recycling. The water softening reject, boiler blow down reject and cooling blow down will be treated in ETP. Further treated waste water will go through the RO and finally re used/recycled in the process and unused waste water evaporates in MEE.
  - (b) RO and MEE should be provided for treatment of high COD waste streams and only in case of emergency/breakdown high COD wastes should be disposed off through CTSDf, Pithampur, Dhar.

**3. For Air Pollution:**

- (a) PP should ensure regular Stack monitoring & Ambient air quality monitoring and should be carried out as per the guidelines/norms of MPPCB/CPCB.
- (b) In plant control measures for checking fugitive emission from all the vulnerable sources shall be provided. Fugitive emission shall be controlled by providing closed storage, closed handling & conveyance of chemicals/materials, multi cyclone separator/bag filters and water sprinkling system.
- (c) Company shall carry out the HAZOP study and report shall be submitted to ministry MoEF & CC Regional Office, Bhopal.
- (d) For control of fugitive emission and VOCs following steps should be followed:-
  - Chilled brine circulation system shall be provided and it should be ensured that the solvent recovery efficiency is not be less than 95%.
  - Reactor and solvent handling pump shall be provided with mechanical seal to prevent leakage.
  - Solvent shall be taken from underground storage tank to reactor through closed pipeline. Storage tank shall be vented through trap receiver and condenser operated on chilled water.

**4. Hazardous Waste Management:**

- (a) As proposed above, PP should ensure disposal of hazardous waste regularly and there should be no dumping of these materials in the premises/outside.
- (b) PP should ensure handling, disposal and management of hazardous waste as per the related prescribed rules.
- (c) PP should obtain Renewal of authorization regularly from MPPCB for collection storage and disposal of hazardous waste (Management, handling & transboundary Movement) Rules 2008 and its amendments. Membership of the TSDF should be obtain for hazardous waste disposal.
- (d) Hazardous chemicals should be stored in sealed tanks, drums etc. Flame arrestors shall be provided on tanks. To avoid the spillage from processing unit, Industry shall provide fully mechanized filling and packaging operation unit.

**5. Green Belt Development:**

- (a) PP should ensure plantation as proposed 3500square meters i.e. 33% of the total area with 200 numbers of trees Plantation in the project area of indigenous local varieties like Neem, Peepal, Kadam and Kachnaar.
- (b) Every effort should be made to protect the existing trees on the plot.
- (c) Green area including thick green-belt shall be developed in 33% of the plot area as proposed to mitigate the effect of fugitive emissions all around the plant in consultation with the forest department as per the guidelines of CPCB.

6. PP should ensure the implementation of CER activities to the extent of Rs. 15 lakh to provide educational material & infrastructure to Govt. Primary & Middle Schools, high school of nearby Agral village and infrastructure to Anganwaaadi in Agral village as proposed in consultation with Collector, Jhabua..

7. Total quantity of runoff water generated and green belt area should be collected in underground tank & used for process in plant to minimize fresh water requirement.

8. All other conditions as laid in the consents of MPPCB shall be applicable.

9. PP should ensure to submit half yearly compliance report and CER activity report with photographs of plantation in MP-SEIAA. If PP is failed to upload or submit two consecutive half yearly compliance reports of EC conditions to concerned authority (SEIAA and Regional Office, MoEF&CC,GoI,Bhopal) than prior environmental clearance issued to PP will automatically be treated as cancelled/ revoked as per OM No. 930/SEIAA/2019 dated 30.05.2019 issued by MPSEIAA.

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

### **(A) Statutory compliance:**

1. The project proponent shall obtain Consent to Establish/Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the Madhya Pradesh Pollution Control Board (MPPCB).
2. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
3. The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.

### **(A) Air quality monitoring and preservation**

1. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to MPPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
2. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognized under Environment (Protection) Act, 1986.
3. To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and/or the NAAQS. Sulphur content should not exceed 0.5% in the coal for use in coal fired boilers to control particulate emissions within permissible limits (as applicable). The gaseous emissions from the boiler, DG set and scrubber shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines.
4. Storage of raw materials, coal etc shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.
5. The DG sets (1 X 500 KVA-Proposed) shall be equipped with suitable pollution control devices and the adequate stack height so that the emissions are in conformity with the extant regulations and the guidelines in this regard.
6. National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608(E) dated 21st July, 2010 and amended from time to time shall be followed.
7. 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.

**(C) Water quality monitoring and preservation**

1. The project proponent shall provide online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises.
2. As already committed by the project proponent Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises.
3. The High COD/TDS process effluent (55 KLD) and RO Reject will be treated in ETP followed by MEE/ ATFD. The MEE condensates to the tune of 75 KLD will be recycled/ reused and MEE bottom will be sent to TSDF site
4. The Low COD/TDS effluent, [consisting, Process( 20 KLD) , Utility blow down (5.5 KLD), washing (6 KLD), will be treated in an on-site ETP system followed with MEE/ATFD.
5. The treated effluent (75 KLD) will be reused/ recycled and the RO reject will be sent MEE/ATFD as stated above. Total recycled water will be 75 KLD
6. Adhere to 'Zero Liquid Discharge and No industrial effluent from the unit shall be discharged outside the plant premises. PP should also install Internet Protocol PTZ camera with night vision facility along with minimum 05X zoom and data connectivity must be provided to the MPPCB's server for remote operations.
7. The effluent discharge shall conform to the standards prescribed under the Environment (Protection) Rules, 1986, or as specified by the Madhya Pradesh Control Board while granting Consent under the Air/Water Act, whichever is more stringent.
8. Total fresh water requirement shall not exceed 93 KLD and AKVN supply shall be used
9. Process effluent/any wastewater shall not be allowed to mix with storm water. The storm water from the premises shall be collected and discharged through a separate conveyance system.
10. 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.
11. Dedicated power supply shall be ensured for uninterrupted operations of treatment systems.

**(D) Noise monitoring and prevention**

1. Acoustic enclosure shall be provided to DG (500 KVA) set for controlling the noise pollution.
2. 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.
3. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.

**(E) Energy Conservation measures**

1. The energy sources for lighting purposes shall preferably be LED based.
2. The total power requirements for project will be 1300 KVA . The power will be supplied by Madhya Pradesh Electricity Board. Briquette and coal ( 6.5TPD) will be used in boiler of 2 TPH.



**(F) Waste management**

1. Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm and the solvent transfer through pumps.
2. As proposed, minimum 95% solvent recovery shall be achieved and recovered solvent shall be reused in the process.
3. Hazardous wastes such as spent solvents, organic incinerable wastes/residues, used filter bags, packaging materials, rejected/expired raw materials and off specification/ rejected finished products from the manufacturing plants shall be directly sent to CTSDF, Dhar.
4. The Fly ash generated from boilers shall be stored in silos and disposed of through cement manufacturers by bulkers / closed containers and should comply with Fly Ash Utilization Notification, 1999 and as amended subsequently.
5. If any Flammable, ignitable, reactive and non-compatible wastes should be stored separately and never should be stored in the same storage shed.
6. Automatic smoke, heat detection system should be provided in the sheds. Adequate fire fighting systems should be provided for the storage area.
7. In order to have appropriate measures to prevent percolation of spills, leaks etc. to the soil and ground water, the storage area should be provided with concrete floor of inert material or steel sheet depending on the characteristics of waste handled and the floor must be structurally sound and chemically compatible with wastes.
8. Measures should be taken to prevent entry of runoff into the storage area. The Storage area shall be designed in such a way that the floor level is at least 150 mm above the maximum flood level.
9. The storage area floor should be provided with secondary containment such as proper slopes as well as collection pit so as to collect wash water and the leakages/spills etc.
10. Storage areas should be provided with adequate number of spill kits at suitable locations. The spill kits should be provided with compatible sorbent material in adequate quantity.
11. Recent MSDS of all the chemicals used in the plant be displayed at appropriate places.
12. Proper fire fighting arrangements in consultation with the fire department should be provided against fire incident.
13. All the storage tanks of raw materials/products shall be fitted with appropriate controls to avoid any spillage / leakage. Bund/dyke walls of suitable height shall be provided to the storage tanks. Closed handling system of chemicals shall be provided.
14. Log-books shall be maintained for disposal of all types hazardous wastes and shall be submitted with the compliance report.
15. Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDF.
16. The company shall undertake waste minimization measures as below:
  - a. Metering and control of quantities of active ingredients to minimize waste.

- b. Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.
- c. Use of automated filling to minimize spillage.
- d. Use of Close Feed system into batch reactors.
- e. Venting equipment through vapour recovery system.
- f. Use of high pressure hoses for equipment clearing to reduce wastewater generation.

**(G) Green Belt**

1. The green belt of 5-10 m width shall be developed 3500 sq. meter within and periphery of plant (200 nos) & in between greenery in downward wind direction and along road sides etc. Selection of plant species shall be as per the CPCB guide lines in consultation with the State Forest Department.
2. 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 200 no of plants & in between greenery in one year's shall be planted. PP will also make necessary arrangements for the causality replacement and maintenance of the plants.

**(H) Safety, Public hearing and Human health issues**

1. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
2. The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms.
3. The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
4. 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.
5. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
6. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
7. There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products, and no parking to be allowed outside on public places.

**(I) Corporate Environment Responsibility**

1. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.

2. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/ forest/ wildlife norms/ conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and or shareholders /stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
3. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly report to the head of the organization.
4. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
5. The proposed EMP cost is Rs. 501 Lakhs as capital and 18.50 lakhs /year as recurring cost.
6. Under CER activity, Rs. 15 Lakhs as capital costs has proposed for different activities. PP shall comply with the commitment of providing infrastructure facility at school, mobile educational vehicle, covid related activities etc .
7. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
8. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.

**J. Miscellaneous**

1. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
2. The project authorities must strictly adhere to the stipulations made by the MP Pollution Control Board and the State Government.
3. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
4. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
5. The above conditions shall 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, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India/ High Courts and any other Court of Law relating to the subject matter.

### Standard Conditions:

1. The company shall carry out the HAZOP study and the report shall be submitted to Regional Office of MoEF, Gol at Bhopal.
2. 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, should be given to Regional Office, MoEF, Gol, Bhopal and MP PCB.
3. 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 concerned Government Departments / organization responsible for controlling the proposed projects who in turn has to display the same for 30 days from the date of receipt.
4. The project proponent has to strictly follow directions/guideline issued by the MoEF, Gol, CPCB and other Govt. agencies from time to time.
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 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, Gol, Bhopal and MP PCB.
6. 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
7. 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.
8. The Ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
9. 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.
10. 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.
11. The prior Environmental Clearance granted for the project is valid for a period of five years as per EIA notification dtd. 14.09.2006.
12. Any change in the correspondence address be duly intimated to all the regulatory authority within 30 days of such change.

13. 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.

14. The environmental statement for each financial year ending 31<sup>st</sup> March in Form-V as 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.

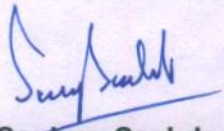
4690  
Endt No. / SEIAA/ 2019

Dated 29/10/2020

(Tanvi Sundriyal)  
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 Jhabua, M.P.
- (5). Managing Director, M.P. Audyogik Kendra Vikas Nigam (Indore) Limited, Free Press House First Floor, 3/54 Press Complex, Agra-Mumbai Highway Indore (M.P).
- (6). Director, I.A. Division, Monitoring Cell, MoEF, Gol, Ministry of Environment & Forest Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi - 110 003
- (7). Director (S), Regional office of the MOEF, (Western Region), Kendriya Paryavaran Bhawan, Link Road No. 3, Ravi Shankar Nagar, Bhopal-462016.
- (8). Guard file.

  
(Dr. Sanjeev Sachdev)  
Officer-in-Charge