



सत्यमेव जयते

State Environment Impact Assessment Authority, M.P.

(Ministry of Environment, Forest and Climate Change, Government of India)

Environmental Planning & Coordination Organization

Paryavaran Parisar, E-5, Arera Colony
Bhopal - 462016

visit us <http://www.mpseiaa.nic.in>

Email : mpseiaa@gmail.com

Tel.: 0755 - 2466970, 2466859

Fax : 0755 - 2462136

To,
Authorised Signatory,
M/s Panchsheel Organic Limited B-6-B7,
Sector Ç' Industrial Estate, Sanwer Road,
Indore - 452015 (M.P)

No.: 3335 ISEIAA/19

Date: 28.11.19

Sub:-Case No. 5737/2018 : Prior Environment Clearance for proposed Manufacturing of Bulk Drug & Intermediate at Plot No. 87 & 88 Village Sagor, Sector-3, Pithampur, Industrial Area, District-. Dhar, MP Land area- 6000 sq.m. Proposed Capacity- 10000 kg/month Or 120 MTPA with by-product of 14.65 kg per day by Authorised Signatory, M/s Panchsheel Organic Limited B-6-B7, Sector Ç' Industrial Estate, Sanwer Road, Indore - 452015 (M.P) E-mail : indore.panchsheel@gmail.com Mobile No.9301621709. Env't. Cons- Enviro Resources , Andheri (W) Mumbai

Ref: Your application dtd. 24.08.18 received in SEIAA office on 24.08.2018

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 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 to 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 Manufacturing of Bulk Drug & Intermediate with production capacity of 120 TPA along with by product of 14.65 kg per day .
- (ii) The major facilities involved are Boiler, MEE, Reactors, Cooling Towers, Effluent Treatment Plant (ETP), and R.O Plant Facilities like administrative office, parking and greenbelt/plantation will also be developed as per plan/requirement.
- (iii) The project is of Synthetic Organic Chemical industry covered under 5 (f) Category B of the Ministry of Environment, Forests & Climate Change, Gol, EIA Notification 2006 and its amendments.
- (iv) There is no interstate boundary within 05 km and no National Park / Sanctuary within the 5 km of the project area hence the general conditions are not attracted.

(v) PP has proposed production capacity as follows:-

S.No	Name of the Product	Quantity in Kg/Month
1	Abacavir Sulfate	50.00
2	Abiraterone acetate	50.00
3	Benzathine Benzyl Penicillin	600.00
4	Bicalutamide	40.00
5	Calcium Folate	100.00
6	Capecitabine	50.00
7	Carboplatin	5.00
8	Cisplatin	5.00
9	Cyclophosphamide	75.00
10	Diltiazem Hydrochloride	300.00
11	Docetaxel	5.00
12	Dorepenem	50.00
13	Efavirenz	300.00
14	Emtricitabine	50.00
15	Entecavir monohydrate	125.00
16	Ertapenem	50.00
17	Gefitinib	10.00
18	Gemcitabine Hydrochloride	50.00
19	Hydrocortisone Acetate	100.00
20	Hydroxy Urea	750.00
21	Ifosfamide	50.00
22	Imipenem	10.00
23	Irbesartan	50.00
24	Lamivudine	300.00
25	Ledipasvir	50.00
26	Luliconazole	100.00
27	Mebeverine Hcl	400.00
28	Medroxyprogesterone Acetate	150.00
29	Mercaptopurine	50.00
30	Meropenem	750.00
31	Mesna	50.00
32	Methotrexate	50.00
34	Nitrofurantoin	300.00
35	Osetlamivir Phosphate	50.00
36	Pantoprazole Sodium	150.00
37	Procaine Hcl	150.00
38	Procaine Penicillin G	105.00
39	Progesterone	300.00
40	Rabeprazole Sodium	150.00
41	Ranolazine Hcl	100.00
42	Sofosbuvir	10.00
43	Solifenacin	50.00
44	Tazobactum+Piperacillin	50.00
45	Tenefovir Disoproxil Fumarate	50.00
46	Teneligliptin Penta Hydro bromide Hydrate	10.00
47	Testosterone	300.00
48	Tradazone Hydrochloride	150.00
49	Valacyclovir Hydrochloride Monohydrate	300.00
50	Valsartan	250.00
51	Verapamil Hydrochloride	300.00
52	Vitamin C	2000.00
53	Voriconazole	100.00

54	Zodovidine	250.00
	Total	10000.00

- (vi) The total plot area is 6000 sq.m. for which PP has submitted land allotment order dtd. 02.00.11 issued by Managing Director MPAKVN, (Indore) Ltd. PP has also submitted lease deed dated 16.04.2012 executed between Managing Director MPAKVN, (Indore) Ltd. and M/s Panchsheel Organic Limited through Managing Director Shri Mahendra Turakhia for the period of 30 years.
- (vii) The industry will provide adequate storage facility for storage of raw material, finished products etc for the proposed plant.
- (viii) The water supply for the project will be sourced from AKVN (Local body) through pipeline network. The total water requirement for the project will be approx. 41.64 KLD and about 10KLD water will be available through MEE/RO for recycling therefore net fresh water requirement will be 31.64 KLD. Total waste water generation will be 11.5 KLD which will be treated in ETP of 20 KLD. POL will install Multi Effective Evaporator, with treatment capacity 15 KL/Day The treated water will be used for cooling towers, floor washing and gardening/green belt.
- (ix) PP has proposed various mitigation measures for water management and wastewater management are mentioned below:
- a. Storm water drainage system has been developed for existing unit and shall be maintained preciously to prevent the flow of silt and other contaminant outside of the site and towards river side
 - b. Blow downs from cooling towers, boiler, scrubber, Softener regeneration, Vacuum pump will go to ETP. High COD wastewater will be sent to COD Stripper. Remaining waste water will be treated in ETP.
 - c. Utilization of treated domestic wastewater in toilet flushing, greenbelt development and dust suppression shall be continue
 - d. A drain along the boundary wall shall be made, which will be connected proposed settling tank/water reservoir to protect the flow of contaminant towards nearby area
 - e. Regular monitoring and analysis of pond and nalla is proposed
 - f. 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
- (x) To mitigate the impact of pollutants from boiler stack, diesel generator sets, sources of fugitive emission and vehicular traffic during the operational phase of the site, following measures are proposed for implementation:
- a. Height of all the stacks will be as per statutory requirement. All the stacks will have Stack Monitoring Facility (SMF) consisting of sampling port-hole, platform and access ladder.
 - b. Bag Filters and venturi scrubber are proposed as per the requirement andn nature of pollutant.
 - c. Online monitoring system for the pollutants from the stacks with an arrangement to reflect gaseous emission parameters on company's server shall be provided.
 - d. Transport vehicles will be properly maintained to reduce air emissions. Vehicles will be periodically checked for pollutant emissions against stipulated norms.

- e. Provision of enclosure for all the loading & unloading operations, if possible.
 - f. Regular monitoring of the stack emission of existing and proposed scrubber shall be carried out.
 - g. Regular monitoring of VOC, concentration in work zone
 - h. Additional greenbelt will be developed around the plant to arrest the fugitive emission
 - i. Bag filter shall be provided at proposed boiler to control the emission below 150 mg per cubic meter.
 - j. Alkaline Scrubber will be attached to the reactor vent to control process SO₂ emission.
 - k. In order to control the fugitive dust emissions due to transportation activity, all the operational roads within the plant area shall be asphalted.
- (xi) Solid waste generated during the manufacturing process and wastewater treatment process is mainly sludge and will be disposed at authorized TSDF facility, as per Hazardous and Other Waste (Management & Transboundary Movement) Rules, 2008 (Amendment 2016). M/s POL will take authorization Under Hazardous Waste (Management, Handling & Transboundary Movement), Rules.

Hazardous Waste Generation & disposal			
S. No	Name of the Hazardous Waste	Quantity	Disposal Method
1	Organic waste (Process Residue)	170.00 Kg/Day	Sent to Cement Industries
2	Spent Carbon	50.00 Kg/Day	Sent to Cement Industries
3	Solvent Distillation Residue	115.00 Kg/Day	Sent to Cement Industries
4	Inorganic Waste	31.75 Kg/Day	Sent to TSDF
5	ETP Sludge	50 .00 Kg/Day	Sent to TSDF
6	MEE Salts	288 .00 Kg/Day	Sent to TSDF
7	Organic Evaporative Liquid (from MEE Stripper)	0.074 KLD	Sent to Cement Industry
8	Used Oils	960L/Annum	SPCB Authorized Agencies for Reprocessing/Recycling
9	Detoxified Containers	500 No's / Month	After Detoxification sent to outside agencies.
10	Used Lead Acid Batteries	2 No's/ Annum	Send back to suppliers for buyback of New Batteries

- (xii) Power will be sourced from existing line of 'Madhya Pradesh Madhya Kshetra Vidyut Vitaran Company'. The total requirement will be 250 KVA. In case of power failure, D.G. set (125 KVA) will be used as a backup power source.
- (xiii) Fugitive emissions are anticipated from equipment leakage and transfer spills. The periodic maintenance program shall ensure integrity of equipment mitigating the equipment leakage. The spills however shall be managed by adopting the spill management scheme as mentioned in the respective MSDS. The fugitive emissions shall be reduced by closed transfer and handling of all hazardous solvents and chemicals. The ventilation system provided will reduce the health impact on the employees by way of dilution of work room air and also dispersion of contaminated air.
- (xiv) Coal as Boiler Fuel is proposed which is cleaner fuel and hence getting help for reducing fugitive emissions.

- Provision of periodical check of vehicles for pollutant emissions.
 - Development of Greenbelt (5) m all around the periphery of the plant to arrest the fugitive emissions.
 - Regular maintenance of air pollution control equipment.
 - Asphalting of all internal road to ensure that the fugitive dust emissions due to transportation activity.
 - Idle running of vehicles will be minimized during material loading / unloading operations.
 - Enclosure for all the loading & unloading operations, if possible.
- (xv) PP has proposed an area of 2468 sq.m will be developed as green belt by planting with 800 nos. of plants as follows:-

Proposed Plantation Detail		
Description	Qty	Location
Neem	25	Boundary Wall
Putran Jeeva	50	
Ornamental Trees		
Amaltash	150	Road Main Gate - Admin Block
Ficus Venjamin	150	Around Admin Block
Satparni	150	Around Admin Block
Ashoka Tree	150	Around Admin Block and around boundary limit (Backside of the site)
Fruit Trees		
Mango	25	Along internal road
Lemon Grafted	50	Near ETP
Medicinal Trees		
Drum Sticks	50	Near pump house
TOTAL	800	
175 number of plants shall be around the periphery at outside of the unit		

- (xvi) Under CSR activities PP has proposed as follows:-

S. no	Need Identified For CSR Plan	Activities	Budgetary Provision (Capital) (Rs. In lacs)	Budgetary Provision (Recurring) (Rs. In lacs)
1	Skill Development Programmes for youths as per the requirement of the Unit	Facilitating self-employment skill generation vocational training programmes for creating better self employment ventures through inducing skill among the youths as per the requirements of the unit. A Apprentice type training in association with ITI, Indore/Pithampur or other location.	3.0 Lacs 05 person per year @ Rs 5000/- per month	-
2	Provision of water harvesting structures in the villages in terms of recharge pond,trench,recharge shaft etc.	At common property of surrounding villages at Khera, Sagor ,Khandwa, Betma	Rs. 6 Lac per year	Rs 1.0 For maintenance

3	Infrastructure development at School at Methwada, Kheda, Jhalarya (Need base consultaion with Principal)	Infrastructure facilities at schools of nearby villages in terms of provision of computers, teachers, Playground, separate toilets for girls and boys, provision of furniture, additional rooms, boundary wall etc.	Rs.5 Lac per year	Rs 1.0 For maintenance
Total			14 Lacs	Rs 2.0 Lacs per year

- (xvii) PP has submitted on site and of site emergency plan including Disaster Management, Risk Assessment and Fire Fighting.
- (xviii) Total Cost of the project is -7Crore

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 579th meeting held on 31.10.2019 and decided to accept the recommendations of 397th SEAC meeting meeting held on dtd. 03.10.19.

Hence, Prior Environmental Clearance is accorded under the provisions of EIA notification dtd. 14th September 2006 & its amendments for the proposed Manufacturing of Bulk Drug & Intermediate at Plot No. 87 & 88 Village Sagor, Sector-3, Pithampur, Industrial Area, District- Dhar, MP Land area- 6000 sq.m. Proposed Capacity- 10000 kg/month Or 120 MTPA with by-product of 14.65 kg per day by Authorised Signatory, M/s Panchsheel Organic Limited B-6-B7, Sector C' Industrial Estate, Sanwer Road, Indore - 452015 (M.P) 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 AKVN water Supply and there should be no extraction of ground water.
2. PP should maintain zero discharge from the Industry as proposed.
 - (a) Separation of High & Low COD values effluent for better management of process effluent.
 - (b) RO treated water will be recycle for the process and High COD effluent generation shall be completely evaporated with help of MEE so as to achieve zero discharge.

3. For Air Pollution:

- a) 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.
- b) Dust suppression system including water sprinkler system/ foaming arrangement shall be provided at loading and unloading areas to control dust emission.
- c) Fugitive emission in the work zone environment, product, raw material storage areas etc. shall be regularly monitored.
- d) Transportation of raw material and finished goods should be carried out in covered trucks.
- e) 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 will not be less than 98%.

- Reactor and solvent handling pump shall be provided with mechanical seal to prevent leakage.
 - Closed handling system should be provided for chemicals.
 - System of leak detection and repair of pump/pipeline should be based on preventive maintenance.
 - 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:**
- a) 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) 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.
 - d) PP should provide RCC layer and double layered HDPE lining for primary and secondary leachate collection.
5. PP should obtain NOC /approval from competent authority for health & safety measure, Onsite & Offsite disaster management, and Risk management plan before commencing the operation of the unit.
6. PP should ensure installation of photovoltaic cells (solar energy) for lighting in common areas, LED light fixtures and energy efficient equipments.
7. **Green Belt:**
- (a) PP should ensure plantation as proposed in 2468 sq. m by planting 800 nos of trees of the total plot area and Plantation in the project area of indigenous local varieties like Neem, Peepal, Kadam, Kachnaar etc.
 - (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 the plot area to mitigate the effect of fugitive emissions all around the project area in consultation with the forest department as per the guidelines of CPCB.
8. PP should ensure the implementation of CSR activities to the extent of Rs. 14 lakh will be used for Infrastructure facilities at schools of nearby villages Methwada, Kheda, Jhalarya in terms of provision of computers, teachers, facility of safe drinking water, separate toilets for girls and boys, provision of furniture, additional rooms etc. Skill Development Programmes for youths as per the requirement of the Unit and Provision of water harvesting structures in the villages in terms of recharge pond, trench, recharge shaft etc.
9. PP should ensure to submit half yearly compliance report and CSR 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 & permission of competent authority if ant tree falling is to be carried out.
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.

(B) Air quality monitoring and preservation

4. 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.
5. 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.
6. The project proponent shall install system to carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released e.g. PM10 and PM2.5 in reference to PM emission and S02 and NOx in reference to S02 and NOx emissions) within and outside the plant area (at least at four locations one within and three outside the plant area at an angle of 120° each) covering upwind and downwind directions.
7. 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.
8. Storage of raw materials, coal etc shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.
9. The DG sets (1 X 125 KVA) 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.
10. 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.
11. 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

12. 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.
13. As already committed by the project proponent Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises.
14. The effluent shall (11.5 KLD) be segregated as high COD/High TDS and Low COD/Low TDS effluents. The HCOD/HTDS shall be neutralized and sent to stripper followed by MEE and ATFD. LCOD/LTDS effluent shall be treated in ETP with domestic effluent followed by RO system. The treated effluent shall be entirely reused and recycled in cooling tower make-up.
15. 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.
16. 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.
17. Total fresh water requirement shall not exceed 31.64 KLD and as proposed MPAKVN shall provide the fresh water.
18. 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.
19. 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.
20. Dedicated power supply shall be ensured for uninterrupted operations of treatment systems.

(D) Noise monitoring and prevention

21. Acoustic enclosure shall be provided to 750, 350, 1000 KVA DG sets for controlling the noise pollution.
22. 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.
23. 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

24. The energy sources for lighting purposes shall preferably be LED based.
25. The total power requirements for project will be 250 KVA . The power will be supplied by Madhya Pradesh Electricity Board. Furnanace Oil Consumption 100 lit/hours (Source Indigeneous).

(F) Waste management

26. 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.

27. Hazardous wastes such as spent solvents (50.00 kg/day) shall be sent to cement industries, organic incinerable wastes/residues (170 kg/day) shall be sent to cement industries, Solvent Distillation Residue 115.00 kg/day sent to Cement Industries, Inorganic Waste 31.75 Kg/Day Sent to TSDF, ETP Sludge 50.00 Kg/day sent to TSDF, MEE Salts 288.00 kg/day Sent to TSDF, Organic Evaporative liquid (From MEE Strippeer) 0.074 KLD sent to Cement Industries Used Oils 960 L/Annum to recyclers authorized by SPCB .
28. 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.
29. If any Flammable, ignitable, reactive and non-compatible wastes should be stored separately and never should be stored in the same storage shed.
30. Automatic smoke, heat detection system should be provided in the sheds. Adequate fire fighting systems should be provided for the storage area.
31. 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.
32. 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.
33. 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.
34. 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.
35. Recent MSDS of all the chemicals used in the plant be displayed at appropriate places.
36. Proper fire fighting arrangements in consultation with the fire department should be provided against fire incident.
37. 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.
38. Log-books shall be maintained for disposal of all types hazardous wastes and shall be submitted with the compliance report.
39. 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**
40. The green belt of 5-10 m width shall be developed 1000 sq. meter within plant and 1468 along the road in the project area, mainly along the plant periphery, in downward

wind direction and along road sides etc. Selection of plant species shall be as per the CPCB guide lines in consultation with the State Forest Department.

41. 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. PP will also make necessary arrangements for the causality replacement and maintenance of the plants.

(H) Safety, Public hearing and Human health issues

42. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
43. 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.
44. The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
45. 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.
46. 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.
47. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
48. 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

49. 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.
50. 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.
51. 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 to the head of the organization.
52. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.

53. The proposed EMP cost is Rs. 250.00 lakhs and 14.00lakhs/year as recurring cost and out of which the Environment Monitoring Cost for the project is 14 lakhs and and Rs. 0.30 lakhs is proposed for green belt development.
54. Under CER activity, Rs.14.00 lakhs are proposed for different activities.
55. 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.
56. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.

(J) Miscellaneous

57. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
58. The project authorities must strictly adhere to the stipulations made by the MP Pollution Control Board and the State Government.
59. 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.
60. 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).
61. 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, GoI at Bhopal.
2. The company shall comply with the CREP guidelines prepared by MPPCB for Bulk Drug Plants.
3. During transfer of materials, spillages shall be avoided and garland drains be constructed to avoid mixings of accidental spillages with domestic waste and storm drains.
4. Industry should get the Emergency Disaster Management Plan approved by DTHS and should also comply with the provisions made in Public Liability Insurance Act, 1991.
5. All parameters listed in Environmental Monitoring Plan approved by SEAC must be monitored at approved locations and frequencies.

6. 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 MP PCB.
7. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained (as and when applicable), by the project proponent from the respective competent authorities.
8. 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.
9. 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.
10. The project proponent has to strictly follow directions/guideline issued by the MoEF, Gol, CPCB and other Govt. agencies from time to time.
11. 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.
12. 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
13. 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.
14. These stipulations would be enforced among others under the provisions of Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and control of Pollution) Act 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006.
15. The Ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.

16. 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.
17. 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.
18. The prior Environmental Clearance granted for the project is valid for a period of five years as per EIA notification dtd. 14.09.2006.
19. 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, SO₂, NO_x (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.
20. The environmental statement for each financial year ending 31st 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.

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Endt No. / SEIAA/ 2019
Copy to:-

Dated 28.11.19

Jitendra Singh Raje
(Jitendra Singh Raje)
Member Secretary

- (1). Principal Secretary, Urban Development & Environment Deptt. 3rd 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 Dhar, 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, GoI, 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.

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