



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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To,
The Director,
SANCHI CHEMICALS PVT. LTD.
412-A, City center 570 M.G. Road
Indore (M.P.)-452001

No.: 5664 /SEIAA/21
Date: 13.1.21

Sub:-Case No. 6665/2019 : Prior Environment Clearance for Proposed Capacity Expansion Project - Manufacturing of Synthetic Organic Dyes, Dye Intermediates & Chemicals at Plot No. 8-J Village-Sagor Pithampur, District-Dhar, MP. Total plot area ~ 6400 sq.m. Proposed Capacity existing consented quantity of 650 MTPA to 13908 MTPA by SANCHI CHEMICALS PVT. LTD. through Director - 412-A, City center 570 M.G. Road Indore (M.P.)-452001 Mobile No.: 9425006259, E-mail: msharma@sanchichem.net Env. Con.- Creative Enviro Services, Bhopal (M.P.).

Ref: Your Proposal No.SIA/MP/IND-2/45396/2019 received in SEIAA office on 18.11.19 & SIA/MP/IND-2/57525/2019 received in SEIAA office on 03.11.20

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 project is proposed for Capacity Expansion in Manufacturing of Synthetic Organic Dyes, Dye Intermediates & Chemicals, at Plot No. 8-J, Sagore, Pthampur Industrial Area, Dist. Dhar, (MP).
- (ii) The project site is located at Latitude 22°36'46.35"N - 22°36'50.71"N Longitude 75°36'10.78"E - 75°36'14.50"E.
- (iii) The concept of proposed expansion project is to enhance the capacity from 650 MTPA to 13908 MTPA within the existing premises. During presentation in SEAC it was submitted by PP that existing unit was established in the year 1994 and thus EC was not applicable PP has obtained consent (dtd. 14.10.19) from MPPCB for the earlier production 650MT.
- (iv) The project is having a plot area of 6400 sqm Salient features of the project as submitted by the project proponent:-

Case No. 6665/2019

Issued vide letter no. dated

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

Production capacity	650 TPA to 13908 TPA of Synthetic dye, dye intermediates and chemicals
Estimated Project Cost	Existing : 3.92 Crore Additional : 4.21 Crore (Total = 8.13 Crore)
EMP Cost (Capital)	Existing : 3.92 Crore Existing+ Proposed : 233.80 Lacs
Acquired Land	6400 sq mtrs
Total Water Consumption	Existing : 10.393 KLD Additional : 39.202 KLD (Total= 49.594 KLD)
Net fresh Water Consumption Waste Water Generation	11.798 KLD as 37.796 KLD of treated water will be recycled Source of Water Supply AKVN
Treatment Facility	ETP of 50 KLD, MEE of 30 KL/day. The treated water will be used for cooling towers, floor washing and green belt.
Source of power supply	Madhya Kshetra Vidyut Vitaran Company Stand BY DG Set : 350 KVA (Proposed)
Power Requirement	Existing : 90 KVA proposed : 60 KVA Total : 150 KVA
Boilers Details	Existing : 1no - 0.7 TPH , 1 no. : 2 TPH (total = 2no)
Fuel Options Coal kg/hr	Existing : 40KG/day proposed : 40 KG/day Total : 80 KG/day
Major equipments	Reactors, Centrifuge, drum Dryer, Filters, Boiler, Cooling Tower, MEE, ETP etc.
Green belt (sq mt)	Existing : 784.27 sq mtrs proposed : 215.73 sq mtrs Total : 1000 Sq mtrs
Employment generation	Existing : 25 proposed : 15 Total : 40

(v) The Existing and proposed product and production capacity are as follows:-

Sr. No.	Name Of Products	Existing Quantity (Mt/Year)
1	EBASA	400
2	SO DYES	250
Total		650

SN0	Name of expanded and additional products	capacity in MTPA
For New Product		
1	EBASA (Ethyle Benzyle Aniline Sulphonic Acid)	2500 MT
2	SO Dyes	1500 MT
3	Calcium Sulphate	5000 MT
4	Ethyle Benzyle Aniline	1800 MT
5	Sodium Iodide	120 MT
6	Potassium Iodide	180 MT
7	Calcium Iodate	120 MT
8	Sodium meta periodate	120 MT
9	Periodic acid- 50%	48 MT

10	Ethylene diamine dihydriodide	36 MT
11	Iodine monochloride	24 MT
12	Cuprous Iodide	60 MT
13	Sodium Selenite	120 MT
14	Sodium Selenate	48 MT
15	Selenium dioxide	120 MT
16	Selenious acid	24 MT
17	Sodium biselenite	36 MT
18	Zinc Selenite	24 MT
19	Vanadyl Sulphate	96 MT
20	Sodium meta vanadate	36 MT
21	Selenium Sulfide-USP	96 MT
22	Other Suphonated products (2B, 4B Acid, Pantosa)	1800 MT

- (vi) The proposed project is covered under 5 (f) category (B) of the schedule of EIA Notification issued by the Ministry of Environment & Forests vide S.O.1533 (E), dtd. 14.09.2006 and its amendments, hence is required to obtain prior EC.
- (vii) 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.
- (viii) The total land area of the project is 6400.0 sq. m. and allotted by MPAKVN in Pithampur SEZ Phase II. PP has submitted copy of registered lease deed executed on 14.05.2003 between Managing Director MPAKVN, (Indore) Ltd. and M/s SANCHI CHEMICALS PVT. LTD through authorised signatory. The land use breakup of the project area is as follows:-

Particular	Area in Sq Mt Existing	Area in Sq Mt Proposed	Area in Sq Mt After Expansion
Built up Area	2007.1	1992.9	4000
Raw Material Storage	192.59	207.1	400
Internal road	837.2	62.8	900
Green Belt	784.27	215.73	1000
Open Land	2578.84	2478.84	100
Total area	6400	6400	6400

- (ix) The major facilities involved area Boiler, Cooling Towers, Effluent Treatment Plant (ETP), and MEE Plant Facilities like administrative office, parking and greenbelt/plantation also developed as per plan/requirement.
- (x) The water requirement for the existing project is 10.393 KL per day. The total water requirement for existing and proposed project will be around 49.594 KLD and after recycling of 37.796 KLD of water, net fresh water requirement will be 11.798 KLD, which is/will be sourced through AKVN. Total cumulative waste water generation of

39.785 (proposed) (4.11 KLD existing) and treated in ETP of 50 KL/day. The treated water will be used for Process, cooling towers, floor washing and gardening/green belt

- (xi) Total waste water generation which will be treated in ETP will be 46.285KL/day. The domestic waste water shall be treated through septic tank and soak pit system. Various mitigation measures shall be adopted for water and wastewater management is mentioned below:
- Storm water drainage system will be strengthened and shall be maintained preciously to prevent the flow of silt ,chemicals and other contaminant outside of the site
 - Blow downs from cooling towers, boiler, scrubber, Softener regeneration, Vacuum pump approx 1.95 KL will go to ETP
 - 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, RO and MEE.
 - High COD high TDS wastewater will be sent to MEE. Remaining will be treated in ETP.
 - The Domestic waste will be treated in a septic tank/soak pit or aeration system followed by ETP
 - Utilization of treated wastewater in toilet flushing, greenbelt development and dust suppression shall be continue
 - 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
 - Being a chemical based plant, it is proposed to harvest the rain water only form the building roof top.
 - Recycling of 37.796 KLD water is proposed which reduces the fresh water demand.
 - No treated / untreated effluent would be discharged on land in Industrial premises or study area.
 - 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
- (xii) Particulate matters & other gaseous emission are envisaged as pollutant from boiler and other sources apart from other sources of fugitive emission .Depending on quality of emission from different sources, suitable air pollution control system will be provided. To mitigate the impact of pollutants from boiler stack, sources of fugitive emission and vehicular traffic during the operational phase of the site, following measures
- Height of all the stacks will be as per statutory requirement as 30 mtrs for both boiler (0.7 TPH and 2 TPH) . All the stacks will have Monitoring Facility (SMF) consisting of sampling port-hole, platform and access ladder.
 - Bag filter shall be provided at proposed boiler to control the emission below 50 mg per cubic meter
 - The work zone and surrounding areas shall be monitored for VOC also possibility shall be explored for periodic VOC monitoring system.
 - Online monitoring system for the pollutants from the stacks with an arrangement to reflect gaseous emission parameters on company's server shall be provided.
 - Company proposes 2 No of Alkali scrubbers to take care of trace quantities of SO₂/ SO₃ and Company proposes 2 No of Process Stacks having 30 meter height to discharge Process Air containing minimal traces of SO₂ and SO₃.
 - Company proposes to install Pressure operated Condensate Recovery Units to collect and reuse at least 50% of Steam Condensate

- Regular monitoring of the stack emission of proposed scrubber shall be carried out.
 - Transport vehicles will be properly maintained to reduce air emissions. Vehicles will be periodically checked for pollutant emissions against stipulated norms.
 - Idle running of vehicles will be minimized during material loading/unloading operations.
 - Water sprinkling along the internal road and around premises.
- (xiii) Noise generating sources in a plant are identified as steam release valves, compressors, blowers etc. No person is required to remain constantly at the above-mentioned units and will go occasionally to check the systems. Noise attenuating devices like earplugs and earmuffs shall be provided to workers exposed to high noise levels. Noise barriers, silencer and enclosures shall be incorporated in the equipments, which emit high noise level. All basic equipments and various machineries should be kept well maintained. Green belts are good noise barriers and same will be developed around the plant. The sufficient green belt may be proposed to control noise levels.
- (xiv) Solid waste generated during the manufacturing process and wastewater treatment process is mainly sludge and will be disposed at authorized TSDF facility, Pre processing, Co processing in cement plant, as per Hazardous and Other Waste (Management & Transboundary Movement) Rules, 2008 (Amendment 2016)
- (xv) Power requirement will be sourced from existing line of 'Madhya Pradesh Madhya Kshetra Vidyut Vitaran Company'. The company is already authorized to use power load of 90 kva.
- (xvi) The plantation and green belt is developed in 1000 sq. meter within plant with the 200 number in the project area, mainly along the plant periphery, in downward wind direction and along road sides etc
- (xvii) PP has included Disaster Management plan in the EIA Report. For firefighting measure PP has provided Fire extinguishers and Fire Hydrants at project site.

Based on the information submitted at Para i to xvii above and others, the State Level Environment Impact Assessment Authority (SEIAA) considered the case in its 649th meeting held on 17.12.2020 and decided to accept the recommendations of 466th SEAC meeting held on dtd. 26.11.20

Hence, Prior Environmental Clearance is accorded under the provisions of EIA notification dtd. 14th September 2006 & its amendments for the Proposed Capacity Expansion Project - Manufacturing of Synthetic Organic Dyes, Dye Intermediates & Chemicals at Plot No. 8-J Village-Sagor Pithampur, District-Dhar, MP. Total plot area ~ 6400 sq.m. Proposed Capacity existing consented quantity of 650 MTPA to 13908 MTPA by SANCHI CHEMICALS PVT. LTD. through Director - 412-A, City center 570 M.G. Road Indore (M.P.)-452001, 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 as proposed.
2. Fresh water should not be used for gardening purpose.
3. **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

4. 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.

5. 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 obtained 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.

6. Green Belt Development:

- (a) PP should ensure plantation as proposed 1000 sq. m of area by planting 200 nos with 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 at least 33% of the plot area to mitigate the effect of fugitive emissions all around the plant in consultation with the forest department as per the guidelines of CPCB.

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

8. Proper piezometric holes for ground water sampling.
9. PP should obtained approval from competent authority for health & safety measure, Onsite & offsite disaster management, and risk management plan.
10. Dedicated power supply shall be ensured for uninterrupted operations of treatment systems.
11. PP should ensure installation of photovoltaic cells (solar energy) for lighting in common areas, LED light fixtures and energy efficient equipments.
12. PP should ensure to submit half yearly compliance 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, Gol, 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

- i. 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).
- ii. 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.
- iii. 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

- i. 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.
- ii. 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.
- iii. 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.

- iv. 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 / / Bio Briquette for use in coal// Bio Briquette 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.
- v. Storage of raw materials, coal etc shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.
- vi. The DG sets (1 X 350 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.
- vii. The boilers shall be provided with bag filter to control the emission limit as prescribed by MPPCB and maintained its efficiency.
- viii. 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.
- ix. 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

- i. 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.
- ii. As already committed by the project proponent Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises.
- iii. The net fresh water requirement for industrial purposes shall be 11.796 KLD. The rejected water will be reused for floor washing and gardening/green belt. The treated water will be used for cooling towers, floor washing and gardening/green belt.
- iv. The industrial waste water generation after expansion shall be (39.78 KLD) be segregated as high COD/high TDS, Low COD, Low TDS and domestic effluents (2 KLD) . 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.
- v. The industrial, domestic and other water requirement for the proposed project is 49.594 KL per day sourced from surface water supply. Total waste water will be treated in ETP of 50 KLD, RO of 15 KLD and MEE of 30 KL/day respectively.
- vi. 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.
- vii. 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.
- viii. 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.

- ix. 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.
- x. Dedicated power supply shall be ensured for uninterrupted operations of treatment systems.

(D) Noise monitoring and prevention

- i. Acoustic enclosure shall be provided to DG (1 X 350KVA) set for controlling the noise pollution.
- ii. 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.
- iii. 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

- i. The energy sources for lighting purposes shall preferably be LED based.
- ii. The total power requirements for project will be 150 KVA . The power will be supplied by Madhya Pradesh Electricity Board. Coal Consumption 80 kg per day (Source Indigeneous)

(F) Waste management

- i. 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.
- ii. Hazardous wastes such as spent organic incinerable wastes/residues, chemical sludge, ATFD salt, 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.
- iii. 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.
- iv. If any Flammable, ignitable, reactive and non-compatible wastes should be stored separately and never should be stored in the same storage shed.
- v. Automatic smoke, heat detection system should be provided in the sheds. Adequate fire fighting systems should be provided for the storage area.
- vi. 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.
- vii. 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.
- viii. 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.
- ix. 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.
- x. Recent MSDS of all the chemicals used in the plant be displayed at appropriate places.

- xi. Proper fire fighting arrangements in consultation with the fire department should be provided against fire incident.
- xii. 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.
- xiii. Log-books shall be maintained for disposal of all types hazardous wastes and shall be submitted with the compliance report.
- xiv. 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.
- xv. 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

- i. The green belt of 5-10 m width shall be developed at 1000 sq. meter within plant with the 200 number 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.
- ii. 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 another 250 trees shall be proposed along the road at outside of the plant area. PP will also make necessary arrangements for the causality replacement and maintenance of the plants.

(H) Safety, Public hearing and Human health issues

- i. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
- ii. 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.
- iii. The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
- iv. 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.
- v. 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.
- vi. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.

- vii. 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.

(E) EMP

- i. 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.
- ii. 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.
- iii. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
- iv. The proposed EMP cost is Rs. 230.80 Lakhs as capital and 14.50 + 40 Lakhs /year as recurring cost.
- v. 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.
- vi. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.

(I) Miscellaneous


- i. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
- ii. The project authorities must strictly adhere to the stipulations made by the MP Pollution Control Board and the State Government.
- iii. 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.
- iv. 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).
- v. 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 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 Environment (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 seven years as per EIA notification dtd. 14.09.2006 & its amendments.
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.


(Tanvi Sundriyal)
Member Secretary

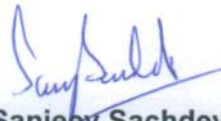
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Endt No. / SEIAA/ 2021

Dated 13.1.21

Copy to:-

- (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.


(Dr. Sanjeev Sachdev)
Officer-in-Charge

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