



**State Environment Impact Assessment Authority, M.P.**  
(Government of India, Ministry of Environment, Forest & Climate Change)  
Environmental Planning Coordination Organization (EPCO)  
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No: 09 /SEIAA/2018

Date: 4.4.18

To,  
Shri Deepak Kantilal Shah, Director  
M/s SAP FINECHEM Pvt. Ltd  
Plot No. 174, AKVN Industrial Growth Centre,  
Meghnagar, Taluka Meghnagar,  
District Jhabua (M.P)

**Sub:- Case No. 4897/2016:** Prior environmental clearance for proposed Manufacturing of Dyes and intermediates at Plot No. 174, AKVN Industrial Growth Centre, Meghnagar, Taluka Meghnagar, District Jhabua, M.P., Proposed Production capacity 1) Reactive Dyes – Reactive Black 290.25 MTPM; H. Acid -108 MTPM; Vinyl Sulphone - 191.42 MTPM; Land area 5000 sq.mt. by M/s SAP FINECHEM Pvt. Ltd, through Director Shri Deepak Kantilal Shah, Plot No. 174, AKVN Industrial Growth Centre, Meghnagar, Taluka Meghnagar, District Jhabua (M.P) - 457779, E-mail – sapfinechem@gmail.com.

**Ref:** Your application dtd. 05.01.16 received in SEIAA office on 05.01.2016

With reference to above, the proposal has been appraised as per prescribed procedure & provisions under the EIA notification issued by the Ministry of Environment & Forests vide S.O. 1533 (E), dated 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 observations by the State Expert Appraisal Committee (SEAC) and State Environment Impact Assessment Authority (SEIAA) constituted by the competent Authority.

- (i) The unit is proposed to produce dyes and dye Intermediates after re-modelling the existing closed unit at Plot No. – 174, AKVN, Ind. Area - Meghnagar, Tehsil - Meghnagar, District- Jhabua (MP).
- (ii) The industry was commissioned in the year 2011 and commercial production was commenced in the same year for FeSO<sub>4</sub>, MgSO<sub>4</sub>, MnSO<sub>4</sub> and gypsum by-product with following production capacity:

Sr. No.	Name of Product	Product Capacity
1.	Ferrous Sulphate	50 MT/Month
2.	Magnesium Sulphate	200 MT/Month

Case No. 4897/2016

Issued vide letter no. 9-10 ..... dated 4.4.18

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

1 of 10



3.	Manganese sulphate	20 MT/Month
4.	Gypsum as a by-product	500 MT/Month

Consent to operate for the above products have been granted to the project by MPPCB vide letter dtd 25.02.2014.

- (iii) The list of equipment and machineries with year installation of each one of them from due to consent to establish obtained from MPPCB. Only few new equipment will be installed, old one taken out & are presently kept in scrap yard and shall be disposed off following the applicable rules.

**Detail of the Existing Equipment to be retained:**

Sr. No.	Particulars	Qty.	Capacity
1.	Sulphonators	4	10 KL +12 KL
2.	Reduction Vessels	4	40 KL
3.	Nitrators	2	12.5 KL
4.	Neutralizers	3	35 KL
5.	Esterification Vessels	8	3.5 KL
6.	Fusion Vessels	3	14.5 KL
7.	Silo	2	40 KL
8.	Granulators	2	-
9.	Centrifuge	3	
10.	MEE	1	
11.	Boiler	2	
12.	Filter Press		45 plates
13.	Brickline		

**Details of Existing Utilities Equipments to be retained:**

Sr. No.	Particulars	Qty.	Capacity
1.	Thermic Fluid Heater	2	4000 U Kcal/h each
2.	Boiler	2	8 T/h
3.	Chilling Plant	1	350 TR
4.	RO Plant	1	60 m <sup>3</sup> /hr.
5.	Cooling Plant	1	1000 TR
6.	Air Compressor	1	250 CFM
7.	Soft Water Plant	1	30 m <sup>3</sup> /hr.

**Details of disposed off equipments:**

Sr.	Particulars	Qty.	Capacity
1.	Isolator	4	30 KL + 20 KL + 30 KL + 80 KL
2.	Sulphonator	7	10 KL + 10 KL + 8 KL + 8 KL + 10 KL + 12 KL
3.	Boiler	1	2MT
4.	Neutralizers	1	10 KL
5.	Esterification	1	3.5 KL
6.	Centrifuge	3	
7.	Incinerator	1	
8.	Vessels (MS)	4	

- (iv) The plant is closed at present and existing production will be discontinued. Presently PP has proposed 03 products with following production capacity:



Sr. No.	Name	Total time / Batch hr/no of batches	Per Batch Quantity (MT)	Total Quantity (MT)	Purity	Total production (MT/Month)
1.	Reactive Dyes – Reactive Black	24/27	10.75	290.25	100%	290.25
And						
2.	H. Acid	196/60	2.250	135.000	80 %	108
3.	Vinyl Sulphone	60/26	7.750	201.500	95 %	191.42

- (v) The 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. September 14, 2006 and its amendments.
- (vi) There is no interstate boundary within 10 km and no National Park / Sanctuary within the 5 km of the project area hence the general conditions are not attracted.
- (vii) The total plot area is 5000 sq.m. for which PP has executed amended registered lease deed dated 26.07.2011 between Managing Director MPAKVN, (Indore) Ltd. and M/s M/s SAP FINECHEM Pvt. Ltd through Director Shri Sunil Bedekar for the period of 30 years.
- (viii) The project is located in notified Meghnagar Industrial Growth Centre District Jhabua approved by MPAKVN (Indore) Ltd. hence as per GoI, MoEF OM dtd 10.12.14, Public Hearing is exempted.
- (ix) PP has proposed that the raw materials obtained from traders and distributor from the local market. Raw materials and finished good transported by road ways.
- (x) The total water requirement is 153 KLD (fresh water – 94 KLD + Recycled – 59 KLD). The source of water for the project is MPAKVN. PP has submitted MPAKVN letter (dtd.nil) for supply of 90 KLD.
- (xi) The waste water generation is 60.5 KLD. The domestic and industrial waste water generation will be treated in proposed ETP follow with RO & MEE and will be used in process and gardening purpose to achieve zero liquid discharge. Details of water consumption and waste water generation are as follows:

Particulate	Fresh water (KLD)	Recycled KL/Day	Total KLD	Waste water Generation KLD
Domestic	3	2	5	4 (Soak pit)
Gardening	7		7	
Process	31	36 (ICE)	67 (fresh + ice)	52
Boiler	30	0	30	3 (blow down)
Cooling	30	21	41	5 (blow down)
Scrubber	3	0	3	0.5
<b>Total</b>	<b>94</b>	<b>water +36 ice)</b>	<b>53</b>	<b>60.5</b>

- (xii) Solid / Hazardous waste shall be generated from the process. The details of source of Hazardous waste generation & their proposed disposal are as follows:



S. No.	Product	Quantity / month		Management
		Dry	Wet	
1.	Gypsum sludge generation from manufacturing following products H.Acid	518.0 MT	648.0 MT	Sold to cement plant
2.	Iron Sludge generation from manufacturing following products H. Acid	284.0 MT	355.0 MT	TSDf site
3.	Sodium Sulphate (from Crystallisation) generation from manufacturing following products H. Acid	432.0 MT	540.0 MT	Reuse in of process H.Acid
4.	E.T.P Sludge	162.0 MT	202 MT	Will be handed over to MPPCB Authorizd Vendor

- (xiii) For collection of municipal solid waste like rubbish, paper, plastic garbage etc PP has proposed proper storage area and final disposal through AKVN/ local body. Hazardous waste generated from process will be sent to TSDf site for land filling. **PP has also obtained Authorization from the Ramky Enviro Engineers Ltd (TSDf, Pithampur) for disposal of hazardous wastes.**
- (xiv) The expected particulate and gaseous emission in ambient air Quality (ground level Concentration w.r.t to PM, SO<sub>2</sub>, NO<sub>x</sub>, HCL). Incremental GLC in µg/m<sup>3</sup> are PM : 2.34 µg/m<sup>3</sup>, SO<sub>2</sub>: 1.86 µg/m<sup>3</sup> NO<sub>x</sub> : 0.682 µg/m<sup>3</sup> and HCL : 0.878 µg/m<sup>3</sup>. For control of air pollution PP has proposed scrubbers, high efficiency dust collector, cyclone separator, solvent in close loop system, leak detection and repair system. Periodic maintenance of DG set and monitoring will be carried out.
- (xv) PP has submitted on site and of site emergency plan including Disaster Management, Risk Assessment and Fire Fighting.
- (xvi) It is noted that state highway-39 close to the proposed plant site. PP has submitted two lane highway constructed as per the IRC guideline and capable of bearing the traffic load generated due to the proposed industry. Per day material movement from the plant will be around 3.3 MT for which only one truck (to and fro) of 10 ton capacity will be enough. The existing road connecting to the project site has adequate carrying capacity to accommodate the enhanced traffic load due to proposed plant.
- (xvii) For control of odor the plant is using pipelines, pumps, valves and other fittings in the transfer of solvents/raw materials from storage to the reactors and other ancillary facilities. To reduce fugitive emissions in the plant, proper Leak Detection & Repair (LDAR) program will be implemented.
- (xviii) The power requirement for the project is 400 KVA, Sourced from MPPKVV. 320 KVA DG set will be provided at site for power backup, which will be used only during grid power failure..
- (xix) For protection of worst case scenario PP has proposed the following:-



- a) The Sulphonation plant for H acid have different design and consist of two sulphonation plant which cannot be use for production of vinyl sulphone
- b) Similarly Vinyl Sulphone sulphonation plant have a different design and cannot be used for H acid production
- c) The reactive dyes process practically starts after production of H acid and Vinyl Sulphone and cannot be used for H acid or Vinyl Sulphone production.
- d) The impact assessment is done on maximum production capacity of H acid (2 batches per day), and Vinyl Sulphone (1 batch per day) and/or production of reactive dyes basis

(xx) PP has proposed to achieve the solvent recovery of >97%.by adopting as follows:

- a) The solvent is recovered and reused back in the manufacturing process of H-acid.
- b) Methanol is recovered through distillation process.
- c) The solvent recovery plant shall comprise of distillation column, condenser and receiver.
- d) Methanol will be recovered by the above technique with a loss of nearly 3% per batch i.e. System will be designed to achieve the recovery of >97%.
- e) Recovered solvent is either recycled for the same batch or reuse for fresh batch.

(xxi) PP has proposed greenbelt development in an area of 1650 sq.m.No of trees proposed to be planted: 200 (183 @ 9 m2 /tree within the premises + 17 out side the boundary on vacant land) A tentative budget of the 1st year plantation is Rs. 96 thousand and the recurring maintenance budget for the Greenbelt development is proposed Rs 45, thousand .

(xxii) Under CSR activities PP has proposed to provide Infrastructure Development in surrounding villages (Parks and Gardens, Community Hall, Village Roads, PanchayatBlawan, Anganwadi, Old age home), Cleaning of ponds, maintaining village roads, providing street lighting etc. Contribution to village schools (Primary to Higher Secondary level) in each cluster of villages, providing school bags, uniform, tiffin, shoes and socks, books and study materials, teaching aids, furniture and blackboard, toilets and playground,Rain water harvesting structure in and around plant area with budgetary provision of **4.50 lakh**.

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 473<sup>rd</sup> meeting held on 16.03.2018 and decided to accept the recommendations of 291<sup>st</sup> SEAC meeting held on dtd 30.05.2017.

Hence, Prior 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 Dyes and intermediates at Plot No. 174, AKVN Industrial Growth Centre, Meghnagar, Taluka Meghnagar, District Jhabua, M.P., Proposed Production



capacity 1) Reactive Dyes – Reactive Black 290.25 MTPM; H. Acid -108 MTPM; Vinyl Sulphone - 191.42 MTPM; Land area 5000 sq.mt. by M/s SAP FINECHEM Pvt. Ltd, through Director Shri Deepak Kantilal Shah, Plot No. 174, AKVN Industrial Growth Centre, Meghnagar, Taluka Meghnagar, District Jhabua (M.P) - 457779 subject to the compliance of the Standard Conditions enclosed at **Annex-I** and the following additional Specific Conditions as recommended by SEIAA & SEAC in its meetings.

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

- (1) PP should ensure to create separate storage yard for hazardous waste/ sludge.
- (2) PP should ensure entire waste water generated from the plant will be recycled and reused in the process.
- (3) PP should install auto scanner to monitored fugitive emissions.
- (4) PP should install four stages scrubbers to control NO<sub>x</sub> emissions.
- (5) PP should ensure to conduct regular on site and of site mock drill as per Health and Safety Norms.
- (6) PP should ensure to and retained of equipments / machinery as proposed. disposed off equipments
- (7) PP should ensure disposal of storm water (if any) to linkage with AKVN drainage system.
- (8) Ensure to provide fully covered storage facility at the factory site for hazardous and inflammable substances.
- (9) Ensure the transportation of raw / finished material only by covered vehicles.
- (10) Ensure the storage and handling of all the chemicals in a proper and safe manner to avoid any spillages and also to prevent runoff contamination in monsoon.
- (11) Ensure collection & treatment of spillages, if any.
- (12) All necessary precautionary measures shall be taken to avoid any kind of accident during storage and handling of hazardous chemicals.
- (13) All the storage tanks shall be fitted with appropriate controls to avoid any leakages. Bund/dyke walls shall be provided for storage tanks for Hazardous Chemicals. Close handling system for chemicals shall be provided.
- (14) The entire process area should be provided with doubled liner HDEP geo membrane system of thickness 2.5 mm and double leachate collection system for detection of any leachate.
- (15) The storage area shall be designed in such a way that the floor level is at least 450 mm above the maximum flood level with 2.5 mm thickness of HDPE geo membrane and two layers of RCC in storage as proposed.



- (16) The entire demand of fresh water should be met from AKVN, supply and there should be no extraction of ground water.
- (17) Industrial effluent generation shall be completely evaporated with help of Evaporator so as to achieve zero discharge.
- (18) There shall be no industrial effluent discharge from the unit.
- (19) The performance of air pollution control system should be regularly monitored and maintained. Regular stack monitoring & ambient air quality monitoring should be carried out as per the guidelines/norms of MPPCB/CPCB.
- (20) Discarded bags/liners/containers shall be either reused or sold to the registered recyclers.
- (21) Used oil shall be either reused in lubrication of the plant machineries or sold to the registered recyclers.
- (22) PP should obtain approval of the Competent Authority for Health and safety, Onsite disaster management plan, Risk management plan before commencing of the project.
- (23) PP should obtain approval of the Competent Authority for Firefighting before commencing of the project.
- (24) PP should ensure plantation as proposed in 1650.0 sq.m completely in first year.
- (25) Plantation in the project area of indigenous local varieties like Neem, Peepal, Kadam and Kachnaar.
- (26) Every effort should be made to protect the existing trees on the plot.
- (27) PP should ensure the implementation of CSR activities to the extent on regular basis as proposed in consultation with the Gram Panchayat of the receptive village.
- (28) In the event of failure of any pollution control system adopted by the unit, the unit shall be safely closed down and shall not be restarted until the desired efficiency of the control equipment has been achieved.
- (29) 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.

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

- (30) The EC shall be valid for production of dyes and dye intermediate as follows:

Sr. No.	Name	Total time / Batch in hr/no of batches	Per Batch Quantity (MT)	Total Quantity (MT)	Purity	Total production (MT/Month)
1.	Reactive Dyes – Reactive Black	24/27	10.75	290.25	100%	290.25



And or						
2.	H. Acid	196/60	2.250	135.000	80 %	108
3.	Vinyl Sulphone	60/26	7.750	201.500	95 %	191.42

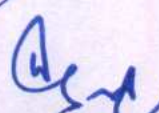
- (31) At least eight numbers of Peizo-metric monitoring points should be provided all around the plant premises and their monitoring be done bi-monthly.
- (32) As proposed, no effluent from the unit shall be discharged outside the plant premises and Zero discharge shall be maintained. PP should also 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.
- (33) RO, MEE and Spray Dryer should be provided for treatment of high COD and TDS streams and only in case of emergency/breakdown high COD and TDS wastes should be disposed off through CTSDf, Pithampur, Dhar.
- (34) Holding tank of suitable capacity should be provided in case MEE is under maintenance and gypsum sludge should be filter pressed.
- (35) Zero liquid discharge shall be observed and no treated waste water should 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.
- (36) MEE sludge and other hazardous wastes should be sent to CTSDf, Pithampur, Dhar. 2.5 mm thick PP liner should be provided in the hazardous waste storage area to avoid soil contamination.
- (37) At least 2.5 cm of first rain water should be passed through the ETP.
- (38) No ground water recharge pits be provided in the plant premises.
- (39) Flammable, ignitable, reactive and non-compatible wastes should be stored separately and never should be stored in the same storage shed.
- (40) Automatic smoke, heat detection system should be provided in the sheds. Adequate fire fighting systems should be provided for the storage area.
- (41) The exhaust of the vehicles used for the purpose of handling, lifting and transportation within the factory such as forklifts or trucks should be fitted with the approved type of spark arrester.
- (42) 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.
- (43) Dyke wall should be provided for storage of liquid materials. The dyke wall should be off 1.5 times higher than the quantity of stored materials.



- (44) 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.
- (45) 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.
- (46) 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.
- (47) Recent MSDS of all the chemicals be displayed at appropriate places.
- (48) Two on-line monitoring systems for ambient air quality should be provided and data connectivity must be provided to the MPPCB's server for remote operations.
- (49) Garland drains should be provided all around the plant premise and same should be connected to the ETP.
- (50) Green Belt consisting of 3 tiers of plantations of native species around the plant boundary comprising of at least 1650 sq. meter. PP will also maintain and make casualty replacement of the plantation.
- (51) Water intensive green area including thick green-belt as proposed shall be developed in, to mitigate the effect of fugitive emissions all around the plant in consultation with the forest department and as per the guidelines of CPCB.
- (52) Dedicated power supply shall be ensured for uninterrupted operations of treatment systems.
- (53) The project authorities should comply with the provisions made in the Hazardous Waste (management, handling & Trans-boundary Movement) Rules 2016, Manufacture, Storage and Import of Hazardous Chemicals Rules 1989, as amended and the Public Liability Insurance Act for handling of hazardous chemicals etc.
- (54) VOCs shall be regularly monitored in the work zone in the plant along with the other parameters and data shall be submitted to MPPCB and R.O of MoEF&CC.
- (55) 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.
- (56) PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
- (57) Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.



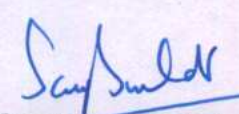
- (58) Ultrasonic/Magnetic flow/Digital meters shall be provided at the inlet and outlet of the proposed ETP & all water abstraction points and records for the same shall be maintained regularly.
- (59) Log-books shall be maintained for disposal of all types hazardous wastes and shall be submitted with the compliance report.
- (60) The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.

  
(P. Narahari)  
Member Secretary

Endt No. <sup>10</sup> / SEIAA/ 2018  
Copy to:-

Dated 4.4.18

- (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, Distt- 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

Encl: Standard Conditions (Annex-I)



**State Environment Impact Assessment Authority, M.P.**

(Government of India, Ministry of Environment & Forests)  
Research and Development Wing, Madhya Pradesh Pollution Control Board,  
Paryavaran Parisar, E-5, Arera Colony, Bhopal-4620 16

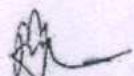
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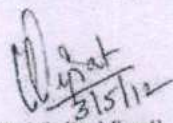
Annex-I

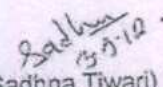
**Standard Conditions related to item 5 (f) of the schedule of EIA notification,  
2006**

**(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)**

1. The company shall install an effluent treatment plant to treat the effluent generated due to proposed activity. The treated water shall be utilized within the premises to achieve zero discharge.
2. The hazardous wastes and Incineration <sup>waste</sup> from the process and treatment should be disposed off as per Hazardous Wastes (Management & Handling) Rules, 1989 and subsequent amendments.
3. The project authority shall obtain the membership of CTSDf (Common Treatment Storage & Disposal Facility) for disposal of solid and hazardous waste (if applicable) and copy of the same shall be submitted to the Regional Office of MoEF, Gol at Bhopal. The company shall maintain the valid membership of CTSDf.
4. The process emissions, VOCs and particulate matter from various units shall conform to the standards prescribed by the concerned authorities from time to time. At no time, the emission level shall go beyond the stipulated standards.
5. Fugitive emissions in the work zone environment, product, raw materials storage area etc. shall be regularly monitored. The emissions shall conform to the limits imposed by MPPCB.
6. The company shall carry out the HAZOP study and the report shall be submitted to Regional Office of MoEF, Gol at Bhopal.
7. The company shall comply with the CREP guidelines prepared by MPPCB for Bulk Drug Plants.
8. The company shall develop greenbelt in the project area as per the guidelines of CPCB to mitigate the effect of fugitive emission.
9. 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.

  
(Dr R P Singh)  
Officer-in-Charge

  
(Dr Vinita Vipat)  
Officer-in-Charge

  
(Dr Sadhna Tiwari)  
Officer-in-Charge

1 of 4

5 (f) 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)

Issued Under No. 218/2012  
Dated 23/5/2012

Issued Under No. 9-10 SEIA/NEPCO  
Dated 4.4.18

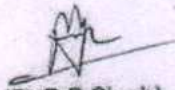


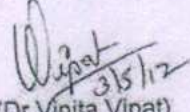
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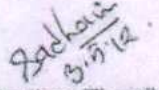
(Government of India, Ministry of Environment & Forests)  
Research and Development Wing, Madhya Pradesh Pollution Control Board,  
Paryavaran Parisar, E-5, Arera Colony, Bhopal-4620 16

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10. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
11. The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.
12. The DG set will be provided with acoustic arrangements to attenuate the noise pollution. The emission from DG set shall be dispersed as per the CPCB/MPPCB standards.
13. Industry should get the Emergency Disaster Management Plan approved by DTSH and should also comply with the provisions made in Public Liability Insurance Act, 1991.
14. Any enhancement of capacity, change in technology, modernization and scope of working shall again require prior environmental clearance as per EIA notification, 2006.
15. All activities / mitigative measures proposed by PP in Environmental Impact Assessment must be ensured.
16. All activities / mitigative measures proposed by PP in Environmental Management Plan and approved by SEAC must be ensured.
17. All parameters listed in Environmental Monitoring Plan approved by SEAC must be monitored at approved locations and frequencies.
18. Vehicular emissions shall be kept under control and regularly monitored. Vehicles used for transportation of raw material and others shall have valid permissions as prescribed under Central Motor Vehicle Rules, 1989 and its amendments. No overloading of raw material for transportation shall be committed.
19. The company shall develop rain water harvesting structures to harvest the run off water for recharge of ground water.
20. A separate Environmental Management Cell with suitable qualified personnel shall be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
21. The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year wise expenditure shall be reported to the Regional office of the Ministry of Environment and Forest, Bhopal and MP PCB.
22. Commitment towards CSR have to be followed strictly.

  
(Dr R P Singh)  
Officer-in-Charge

  
(Dr Vinita Vipat)  
Officer-in-Charge

  
(Dr Sadhna Tiwari)  
Officer-in-Charge

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5 (f) 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

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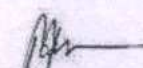


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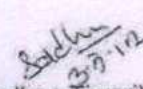
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Research and Development Wing, Madhya Pradesh Pollution Control Board,  
Paryavaran Parisar, E-5, Arera Colony, Bhopal-4620 16

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23. 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.
24. 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.
25. The Project Proponent has to submit half yearly compliance report of the stipulated prior environmental clearance terms and conditions in hard and soft copy to the Regulatory Authority on 1<sup>st</sup> June and 1<sup>st</sup> December of each calendar year.
26. 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.
27. The project proponent has to strictly follow directions/guideline issued by the MoEF, Gol, CPCB and other Govt. agencies from time to time.
28. 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.
29. The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.
30. 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.

  
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(Dr Sadhna Tiwari)  
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5 (f) 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)

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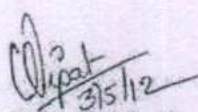
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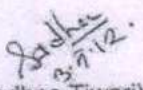
(Government of India, Ministry of Environment & Forests)  
Research and Development Wing, Madhya Pradesh Pollution Control Board,  
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31. Action plan with respect to suggestion/improvement and recommendations made and agreed during public hearing consultation shall be submitted to the Regional Office, MoEF, Gol, Bhopal, MP PCB within six months.
32. 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.
33. The Ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
34. 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.
35. 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.
36. The prior Environmental Clearance granted for the project is valid for a period of five years as per EIA notification dtd. 14.09.2006.
37. 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.
38. 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.

  
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5 (f) 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

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