



State Environment Impact Assessment Authority, M.P.
(Government of India, Ministry of Environment & Forests)

Environmental Planning Coordination Organization (EPCO)
Paryavaran Parisar, E-5. Arera Colony
Bhopal-4620 16

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No: 7644 /SEIAA/2015
Date: 13.11.15

To,
Shri Manmeet Singh Partner
Sudhir Industries,
Unity Pulp & Papers,
Plot No.13-14,
Industrial Estate, Kheda,
Itarsi, M.P.-461111.

Sub:- Case No. 1233/2013 Prior Environment Clearance for manufacturing of Polyamide Resin at Plot no.-9, Industrial Estate, Village-Kheda, Tehsil Itarsi, Dist-Hoshangabad, (MP); Production Capacity- 125 MT/ Month by Sudhir Industries through Partner Shri Manmeet Singh, Unity Pulp & Papers, Plot No.13-14, Industrial Estate, Kheda, Itarsi, M.P.-461111 email: unitypulp@yahoo.co.in Env. Consultant: M/s Vasudev Associate

Ref: Your application dtd. 26.11.12 received in SEIAA office on 27.11.2012

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 14th September 2006 and its amendments, on the basis of the mandatory documents enclosed with the application viz., Form I, pre-feasibility report, ToR and EIA Report 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 proposed project pertains to setting up a Small Scale Industry Unit for manufacturing of polyamide resin at Industrial Estate, Sonasavri, Kheda Itarsi, Dist. Hoshangabad. (M.P.). The total production capacity is 125 MT/month. The project proponent is Sudhir Industries through Shri Manmeet Singh (Partner).
- (ii) The project is of Synthetic Organic chemical industry covered under 5 (f) category B of the MoEF, GoI, EIA Notification 2006 and its amendments.

(Ajatshatru Shrivastava)
Member Secretary

Case No. 1233/2013

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- (iii) 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.
- (iv) The total land area is 13200 sqft. Regarding allotment of land, PP has submitted letter dtd 08.09.2015 from District Trade and Industry Centre Hoshangabad.
- (v) The project is located in notified Industrial Centre Sonasavri District Hoshangabad, hence as per Gol, MoEF OM dtd 10.12.14 Public hearing is exempted.
- (vi) The major raw material required for the proposed unit are: Diethylene Triamine, Adipic acid, Epichloro hydrine, Sulphuric acid, Formic acid.
- (vii) The source of water for the project will be Nagar Palika, Itarsi. PP has submitted letter (dtd. 28.12.12) from Nagar Palika Parishad, Itarsi for water supply. The total water requirement is 7.8 KLD. Out of this Industrial use is 6.0 KLD (RO-1.5 KLD + cooling 0.5 KLD and process 4.0 KLD) and for domestic services – 1.8 KLD.
- (viii) The waste water generated (1.5 KLD) from R.O plant is proposed to be treated in ETP (1.5 KLD). The treated water is proposed to be used for gardening. Domestic waste water (1.4 KLD) will be disposed of through septic tank followed by soak pit.
- (ix) PP has proposed Cyclone Separator with dust collectors for particulate matter and scrubber to control fumes or vapours generated from reactor. The stack height is 21 m and DG set stack height 9.0 m.
- (x) Hazardous waste generation, source and disposal is as follows :

Type of waste	Annual quantity	Method of disposal
ETP Sludge	34.3 MT/ year	Collection, Storage & Disposal by Land filling at TSDF
Discarded Drum/ Containers	400 nos./ year	Decontamination and Reuse or shall be sold to scrap vendors
Used / spent oil	7.0 KL/year	Reused as Lubricant or shall be sold to approved Recyclers.

- (xi) Regarding firefighting measure PP has proposed to provide fire fighting system including fire extinguisher fire hydrants, fire bucket, fire water nozzle, fire hose cabinet with glass, sprinkler system etc. As committed by PP (letter dtd 08.09.15) PP should install water tank of capacity 5000 liters exclusively for firefighting purposes.
- (xii) The rain water harvesting is proposed from roof top of the plant area.
- (xiii) PP has proposed greenbelt development in an area of 442 sq.m with suitable plant species within the premise.
- (xiv) As part of CSR activity PP has proposed budget (letter dtd. 08.09.2015) of Rs. 90,000 and has proposed to construct two public toilets in Sonasawari village in 2015-2016 ; health checkup camps for eye, general health checkup

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in Sonasawari village at Mandi Gate twice in year; organize campaign against the use of plastics less than 40 microns in Itarsi Town and distribution of stationary in Government Primary School of Sonasawari village.

Based on the information submitted at Para i to xiv above and others, the State Level Environment Impact Assessment Authority (SEIAA) considered the case in its 235th meeting held on 08.09.2015 and decided to accept the recommendations of 211th SEAC meeting held on dtd 06.08.15.

Hence, Prior Environmental Clearance is accorded under the provisions of EIA notification dtd. 14th September 2006 to the proposed Manufacturing of Polyamide Resin at Plot no.-9, Industrial Estate, Village-Kheda, Tehsil Itarsi, Dist-Hoshangabad, (MP); Production Capacity- 125 MT/ Month by Sudhir Industries through Partner Shri Manmeet Singh, Unity Pulp & Papers, Plot No.13-14, Industrial Estate, Kheda, Itarsi, M.P. 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. The entire demand of fresh water should be made from Nagarpalika supply and there should be no extraction of ground water.
2. **PP should :-**
 - (a) Ensure to provide proper storage facility at the factory site for hazardous and inflammable substances.
 - (b) Ensure the transportation of raw / finished material only by covered vehicles.
 - (c) Ensure the storage and handling of all the chemicals in a proper manner to avoid any spillages and also to prevent runoff contamination in monsoon.
 - (d) Ensure collection & treatment of spillages, if any
 - (e) Ensure availability of MSDS of all the Hazardous materials to the on-site emergency team.
3. PP should maintain zero discharge from the Industry.
4. 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.
5. **Hazardous waste:**
 - (a) PP should obtain authorization from MPPCB regarding hazardous waste disposal.
 - (b) PP should ensure handling, disposal and management of hazardous waste as per the related prescribed rules.


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Member Secretary

- (c) PP should ensure disposal of hazardous waste regularly through sale or in TSDF site and there should be no dumping of these materials in the premises/outside.
6. PP should obtain approval of the Competent Authority for Firefighting before commencing of the project.
 7. PP should ensure rain water harvesting for ground water recharge.
 8. It is decided that PP should ensure plantation in the project area of indigenous local varieties like Neem, Peepal, Kadam, Kachnaar etc. Every effort should be made to protect the existing trees on the plot.
 9. PP should ensure the implementation of CSR activities on regular basis.

B. Specific Conditions as recommended by SEAC

10. Bag filters should be installed along with cyclone in the heatres.
11. All the raw material should be stored in designated covered place and floor should be concrete.
12. Personal Protective Equipment should be provided to the workers.
13. With all hazardous materials proposed to be handled in the industry the MSDS should be displayed appropriately.

Standard Conditions - Encl: Annex-I

Endt No. 7645 / SEIAA/ 15
Copy to:-

Dated 13.11.15

(Ajatshatru Shrivastava)
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, Distt- Hoshangabad -M.P.
- (5). M.D.MPAKVN (B), 1st Floor, Tawa Complex, Bittan Market, E-5, Arera Colony, Bhopal - 462 016, 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.

Encl: Standard Conditions (Annex-I)

(Ajatshatru Shrivastava)
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Research and Development Wing, Madhya Pradesh Pollution Control Board,
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Annex-I

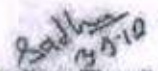
Standard Conditions related to item 5 (f) of the schedule of EIA notification, 2006

(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 from the process and treatment should be disposed off as per Hazardous Wastes ^{waste} (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, GoI 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, GoI 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 GPCB 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

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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)

Issued Vide No. 248/11/2012/EP/PCB

Dated 23/11/2012

Issued Vide No. 7644/11/2012/EP/PCB
Dated 13/11/12

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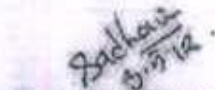
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Research and Development Wing, Madhya Pradesh Pollution Control Board,
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10. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories 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)

Issued Vide No. 242-VI/12
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State Environment Impact Assessment Authority, M.P.

(Government of India, Ministry of Environment & Forests)
Research and Development Wing, Madhya Pradesh Pollution Control Board,
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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, GoI, 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, GoI, 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 1st June and 1st 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, GoI, 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 and a copy of the same shall be forwarded to the Regional Office, MoEF, GoI, 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.


(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)

Issued Vide No. 242-1012/EPCO
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Dated 13/11/12

State Environment Impact Assessment Authority, M.P.

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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, 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.
38. 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.


(Dr R P Singh)
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(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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