



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

Environmental Planning Coordination Organization (EPCO)
Paryavaran Parisar, E-5. Arera Colony
Bhopal-4620 16
visit us <http://www.mpseiaa.nic.in>
Tel:0755-2466970, 2466859
Fax : 0755-2462136

No: 1639 /SEIAA/2018
Date: 8.2.18

To,
Mr. Manoj Jain (Plant Head)
M/s SRF Limited, Indore SEZ,
Phase-I Sec-III,
Village & Tehsil Pithampur
District Dhar (M.P)

Sub:- Case No. 2318/2014: Prior EC for proposed expansion of manufacturing of Polyester Film (64123 MTPA) & Polyester Resin (80000 MTPA) and installation of solid fuel fired heater (PET Coke/Coal) 8 million KCAL/hr including Metalized Film (12000MT) & Holographic Film (1200 MT) Land area : 685920 sq.m.(existing 60672.0 sq.m.+ expansion 7920 sq.m.) at Indore Special Economic Zone, Phase-I Sec-III, Plot no. C- 1 to 8, C -21 to 30, D- 13 to 18, D- 25 to 32, and 41, 41A, 42,43 & 54, 55, 56 & 56A Village & Tehsil Pithampur District Dhar (M.P) by M/s SRF Limited through Mr. Manoj Jain (Plant Head) E-mail : manoj.jain@srf.com Mobile No. 09630040880 Env't. Consultant:Anacon Laboratories Pvt.Ltd.

Ref: Your application dtd. 22.12.14 received in SEIAA office on 23.12.2014

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), dtd. 14.09.06 & 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 proposed project is Expansion of Manufacturing of Polyester Film & Polyester Resin. The existing production capacity is- Polyester Film- 64123 MT/Annum, Polyester Resin – 61000 MT/Annum (Including value added Metallised film 12000 MT & Holographic Film- 1200 MT). PP has obtained consent from MPPCB (vide letter dtd. 22.02.14) and now applied for Prior Environmental Clearance for expansion of production capacity of the unit.
- (ii) PP has proposed for production of Polyester Films, Polyester Resin, Metallized Film, Holographic Film, Offline Coating Machine with utilities as follows:

S.No.	Name of product	Existing Products & Capacity	Proposed Expansions & capacity	Total capacity after expansion
1.	Polyester Film	64,123 MTPA	NIL	64,123 MTPA

Case No. 2318/2014

Issued vide letter no. 1639-40 dated 8.2.18

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

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1 of 10

2.	Polyester Resin	61,000MPTA	19,000 MT/annum	80,000 MT/annum
3.	Metallized Film	12,000 MT	NIL	12,000 MT
4.	Holographic Film	1,200 MT	NIL	1,200 MT
5.	Solid Fuel Fired Thermic Fluid heater	9 MKCal/hr X2 nos. liquid (FO) and Gas (CNG) Fuels	08 Million Kcal/hr (Pet coke and coal)	9 MKCal/hr X2 liquid (FO) and Gas (CNG) Fuels +08 Million Kcal/hr (Pet coke and coal)
6.	Offline Coating Machine	NIL	3,600 TPA	3,600 TPA

- (iii) 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.
- (iv) 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.
- (v) The total land area of the project is 685920 sq. m. and owned by Madhya Pradesh Audyogik Vikas Nigam (Indore) and allotted to M/s SRF Ltd. and approval from Indore SEZ vide letter no. 546 dtd.20.01.05 and letter no. 13755 dated 19.11.14. The area is notified by Govt. of India, Ministry of Commerce and Industry as a Special Economic Zone (SEZ) as industrial area.
- (vi) The project is located in notified Industrial area Pithampur, District Dhar (M.P), approved by AKVN hence as per Gol, MoEF OM dtd 10.12.14 Public hearing is exempted.
- (vii) The total water requirement for the proposed project is 630.5 KLD. The source of water supply is MPAKVN for which PP has submitted water agreement dtd 07.10.10 from MPAKVN (Indore).
- (viii) The existing domestic waste water generation is 105 KLD whereas in proposed after expansion process will be 106 KLD. PP has proposed domestic wastewater will be collected and equalized sent to CSTP for further treatment hence it will not able to reuse the process after treatment.
- (ix) The existing process generate 73.5 KLD wastewater from DM plant, Softening plant (from cooling tower I & II) and whereas 63.5 KLD will be generate from DM plant, Softening plant (from cooling tower I & II) of the proposed process. The same is treated in ETP (130 KLD capacity).The treated waste water will be used for process, gardening (47 KLD) purpose and urinals (26.5 KLD) within plant. Thus zero discharge will be maintained by the plant.
- (x) The total raw material required for the manufacturing of resin and film are made available from local market and some chemicals and solvents are imported from abroad. The solid fuel fired thermic fluid heater (in operation) is setup for which pet coke requirement would be around 32.6 while coal requirement would be 67 TPD.
- (xi) The main source of noise pollution will be DG set, Solid fuel fired heater, Cooling system, Compressors, ID fan, FD fan, Thermic fluid heater reactor,

vehicular transportation and other plant & machinery. PP has proposed the following measures to control noise pollution:-

- All the vibrating parts of the machinery will be checked periodically and serviced regularly to reduce the noise generation.
 - The vehicle will be maintained as per the requirement of latest trend in automobile industry.
 - The green belt area has been already developed within industrial premises and around the periphery to prevent the noise pollution in surrounding area.
 - Monitoring of noise levels to assess the efficiency of maintenance schedules undertaken to reduce noise levels.
- (xii) For control of air pollution PP has proposed to provide suitable stack height of 30 m for DG set and 40 m for FO/Gas based thermic fluid heaters. Ambient air quality monitoring for PM₁₀, PM_{2.5}, SO₂, NO_x, CO, NH₃ and VOCs as stipulated by MPPCB / CPCB shall be done on regular basis. Stack monitoring, maintenance of scrubbers & condensers will be also done on regular basis. All loading and unloading operations will be carried out in covered tarpaulin sheet and controlled conditions, air borne dust will be controlled through sprinkling of water at places, where there is possibility of dust generation and proper ventilation system will be provided in the process area.
- (xiii) The unit will be provided adequate hazardous waste management system. The ETP sludge & evaporation salt will be disposed off to approved secured landfill site for land filling or incineration (TSDF Pithampur), for which PP has obtained membership of Ramky Enviro Eng. Ltd.(dtd. 30.05.15) whereas discarded drums/barrels will be sold to registered recyclers. The used/spent oil will be reused as lubricant and excess will be sold to registered re-refiners of CPCB. The unit will provide separate storage area for hazardous waste proposed to be generate from the unit.
- (xiv) For firefighting measure, PP has proposed to provide hydrant system, fire detection and alarm system and different types of fire extinguishers and fire water storage facilities.
- (xv) Total power requirement will be 178075 units per day & 10000 KVA sourced from Madhya Pradesh Audyogik Kendra Vikas Nigam (Indore). PP has proposed DG sets of total capacity 5690 KVA in standby mode.
- (xvi) PP has proposed provision for rain water harvesting by creating rain water harvesting points of 150 ft. The rain water collected from the building roof will be sent to these points for recharging ground water. The storm water drains will be created and storm water from the entire plot will be collected through network of storm drains.
- (xvii) PP has proposed Out of total available land area 16.9 acres, green belt coverage is 5.58 acres which is around 34% existing planted trees 5196, additional 150 trees are proposed in 2017-18.
- (xviii) Under CSR activities PP has proposed donation of kid smart centre, Drinking water facility, renovation of toilets, R.O system installation, Development of library & science lab school beautification, Ply equipment installation of projector and teachers training in the nearby village Govt. school and

accordingly overall capital expenditure Rs. 75 lakhs made available to conduct CSR activities upto five years (2018 to 2022)

Based on the information submitted at Para i to xviii above and others, the State Level Environment Impact Assessment Authority (SEIAA) considered the case in its 464th meeting held on 19.01.2018 and decided to accept the recommendations of 297th SEAC meeting held on dtd.08.11.17.

Hence, Prior Environmental Clearance is accorded under the provisions of EIA notification dtd. 14th September 2006 & its amendments to the Proposed expansion of manufacturing of Polyester Film (64123 MTPA) & Polyester Resin (80000 MTPA) and installation of solid fuel fired heater (PET Coke/Coal) 8 million KCAL/hr including Metalized Film (12000MT) & Holographic Film (1200 MT) Land area : 685920 sq.m.(existing 60672.0 sq.m.+ expansion 7920 sq.m.) at Indore Special Economic Zone, Phase-I Sec-III, Plot no. C- 1 to 8, C -21 to 30, D- 13 to 18, D- 25 to 32, and 41, 41A, 42,43 & 54, 55, 56 & 56A Village & Tehsil Pithampur District Dhar (M.P) by M/s SRF Limited through Mr. Manoj Jain (Plant Head), 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 met through MPAKVN (Indore) and there should be no extraction of ground water. Efforts should be made to reduce the fresh water requirement by adopting 3 R's(Reduce, Reuse and Recycle) concept.
2. PP should ensure "Zero effluent discharge" from the unit by 100% recycling.
3. **For Air Pollution:**
 - (a) PP should ensure install Bag house in stack for control of air pollution and stack height as proposed in the EIA/ EMP.
 - (b) The performance of air pollution control system should be regularly monitored and maintained.
 - (c) PP should ensure regular Stack monitoring & Ambient air quality monitoring and should be carried out as per the guidelines/norms of MPPCB/CPCB.
 - (d) 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.
 - (e) Dust suppression system including water sprinkler system/ fogging arrangement shall be provided at loading and unloading areas to control dust emission.
 - (f) Fugitive emission in the work zone environment, product, raw material storage areas etc. shall be regularly monitored.
 - (g) Transportation of raw material and finished goods should be carried out in covered trucks.
 - (h) Adequate stack height shall be provided to coal fire boiler to control the air emission within stipulated by CPCB/MPPCB. Low NOx burner shall be provided in Captive co-generation Power plant to reduce the NOx emission.

4. Hazardous Waste Management:

- (a) As proposed above, PP should ensure disposal of hazardous waste regularly and there should be no dumping of these materials in the premises/outside.
- (b) PP should ensure handling, disposal and management of hazardous waste as per the related prescribed rules.
- (c) PP should obtain Renewal of authorization regularly from MPPCB for collection storage and disposal of hazardous waste (Management, Handling & Transboundary Movement) Rules 2008 and its amendments. Membership of the TSDF should be obtain for hazardous waste disposal.
- (d) Hazardous chemicals should be stored in sealed tanks, drums etc. Flame arrestors shall be provided on tanks. To avoid the spillage from processing unit, Industry shall provide fully mechanized filling and packaging operation unit.
- (e) Ensure the transportation of raw / finished material only by covered vehicles.
- (f) 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.
- (g) All necessary precautionary measures shall be taken to avoid any kind of accident during storage and handling of hazardous chemicals.

5. Green Belt Development:

- (a) PP should ensure plantation as proposed in an area of 5.58 acres by planting additional plants also.
 - (b) Plantation in the project area of indigenous local varieties like Neem, Peepal, Kadam and Kachnaar.
 - (c) Every effort should be made to protect the existing trees on the plot.
 - (d) 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.
6. PP should ensure installation of photovoltaic cells (solar energy) for lighting in common areas, LED light fixtures and energy efficient equipments.
 7. 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.
 8. 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.
 9. Double containment system shall be provided for all waste transport vehicles to avoid spillage. The spillage shall be cleared immediately.

10. Vehicles should prominently display complaint numbers for use of public as well as antidotes to any toxic waste.
11. Process effluent/any waste water shall not be allowed to mix with storm water. Storm water drain shall be passed through guard pond.
12. PP should ensure to harvest rainwater from the roof-tops of the buildings and storm water drains to recharge the ground water and used same water for process activities of the project to conserve fresh water.
13. Dedicated parking facility for loading and unloading of material should be provided in the factory premises.
14. PP should ensure to undertake CSR activities and all relevant measures for improving the socio-economic conditions of the surrounding area.

B. Specific Conditions as recommended by SEAC

15. The EC shall be valid for production of Polyester Films, Polyester Resin, Metallized Film, Holographic Film, Offline Coating Machine with utilities as follows:

Sr. No	Name of product	Existing Products & Capacity	Proposed Expansions & capacity	Total capacity after expansion
A	Polyester Film	64,123 MTPA	NIL	64,123 MTPA
B	Polyester Resin	61,000MPTA	19,000 MT/annum	80,000 MT/annum
C	Metallized Film	12,000 MT	NIL	12,000 MT
D	Holographic Film	1,200 MT	NIL	1,200 MT
E	Solid Fuel Fired Thermic Fluid heater	9 MKCal/hr X2 nos. liquid (FO) and Gas (CNG) Fuels	08 Million Kcal/hr (Pet coke and coal)	9 MKCal/hr X2 liquid (FO) and Gas (CNG) Fuels +08 Million Kcal/hr(Pet coke and coal)
F.	Offline Coating Machine	NIL	3,600 TPA	3,600 TPA

(A) PRE-CONSTRUCTION PHASE

16. During any construction/plant erection activity, curtaining of site should be carried out to protect nearby areas.
17. For dust suppression, regular sprinkling of water should be undertaken.
18. PP will obtain other necessary clearances/NOC from respective authorities.
19. Provisions shall be made for the housing of construction/plant erection labor within the site with all necessary infrastructure and facilities such as mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc.

The housing may be in the form of temporary structure to be removed after completion of the period.

(B) CONSTRUCTION PHASE

20. PPE's such as helmet, welding shield, ear muffs etc should be provide to the workers during construction/plant erection activities.
21. Fire extinguishers should be provided on site during construction/ plant erection period.
22. Properly tuned construction machinery and good condition vehicles (low noise generating and having PUC certificate) should be used.
23. Waste construction material should be recycles as far as possible and remaining should be disposed off at a designated place in consultation with the local authority.
24. 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 in the landscape plan & EMP a minimum of 150 no's of trees will be planted. PP will also make necessary arrangements for the causality replacement and maintenance of the plants.
25. MSW of various labours generated during construction/plant erection activities should be disposed off at a designated place in consultation with the local authority.
26. Waste oil generated from the DG sets should be disposed off in accordance with the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 after obtaining authorization.

(C) POST CONSTRUCTION/OPERATIONAL PHASE

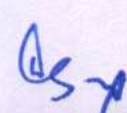
27. Total water requirement for the project (existing & expansion) shall not exceed 630.5 KLD.
28. The waste water should be treated in existing ETP of 130 KLD and domestic effluent should be treated in common STP of MP AKVN, Pithampur, Dhar.
29. No industrial effluent from the unit shall be discharged 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.
30. To control the particulate emission from the boiler, ESP meeting 50 mg/Nm³ shall be installed.
31. Adequate dust extraction system (minimum 02 Nos.) should be provided on coal/pet coke handling plant, crusher and bunkers to control fugitive emissions.

32. Fly ash generated 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.
33. Hazardous wastes should be disposed off as per the authorization issued by MP Pollution Control Board.
34. Flammable, ignitable, reactive and non-compatible wastes should be stored separately and never should be stored in the same storage shed.
35. Automatic smoke, heat detection system should be provided in the sheds. Adequate fire fighting systems should be provided for the storage area.
36. 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.
37. 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.
38. 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.
39. 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.
40. Recent MSDS of all the chemicals used in the plant be displayed at appropriate places.
41. Proper fire fighting arrangements in consultation with the fire department should be provided against fire incident.
42. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
43. The expansion project should also be monitored through SCADA system for effective monitoring and data should be recorded for the compliance purpose.
44. Dedicated power supply shall be ensured for uninterrupted operations of treatment systems.
45. 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, the Public Liability Insurance Act for handling of hazardous chemicals, Plastic Waste Management Rules 2016, e-waste (Management) Rules, 2016, Construction and Demolition Waste Management Rules, 2016, Solid Waste Management Rules, 2016 etc.
46. 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.

47. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
48. Ultrasonic/Magnetic flow/Digital meters shall be provided at all water abstraction points and records for the same shall be maintained regularly.
49. Log-books shall be maintained for disposal of all types hazardous wastes and shall be submitted with the compliance report.

(D) ENTIRE LIFE OF THE PROJECT

50. The proposed EMP cost is Rs. 14.26 Crores and Rs. 2.99 Crores/year are proposed as recurring expenses out of which Rs. 00.50 Crores is proposed for green belt development and Rs. 00.14 Crores /year for recurring expenses for plantation in the proposed EMP of this project.
51. Under CSR activity, Rs. 75 lacks are proposed for the next 05 years in different activities and should be implemented through respective committees.
52. The environment policy of the company should be framed as per MoEF&CC guidelines and same should be complied and monitored through monitoring cell. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
53. As proposed, the green belt development / plantation activities should be completed within the first three years of the project and the proposed species should also be planted in consultation with the forest department.
54. In case of any, change in scope of work, technology, modernization and enhancement of capacity/ built-up area/ project area shall again require prior environmental clearance as per EIA notification, 2006.
55. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
56. 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/ built-up area/ project area, 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. ¹⁶⁴⁰ / SEIAA/ 2018

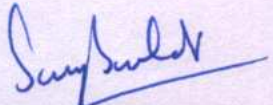
Dated ^{8.2.18}

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, MPPCB, 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, 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)


(Dr. Sanjeev Sachdev)
Officer-in-Charge
6/2

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


27


Annex-I

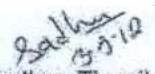
**Standard Conditions related to item 5 (f) of the schedule of EIA notification,
2006**

**(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 ^{waste} 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, 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 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 Vide No. 212/MA/EP/CO
Dated 23/5/2012


Issued Vide No. 1639-40/MA/EP/CO
Dated 8.2.18

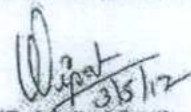
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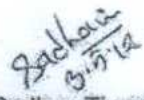
(Government of India, Ministry of Environment & Forests)
Research and Development Wing, Madhya Pradesh Pollution Control Board,
Paryavaran Parisar, E-5, Arera Colony, Bhopal-4620 16

28

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 DTHS 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

2 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 Vide No. 243-VII/A/EPCO
Dated 23/5/2012


Issued Vide No. 1639-40/A/EPCO
Dated 8.2.18

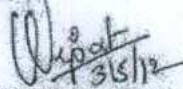
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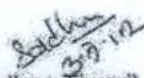
(Government of India, Ministry of Environment & Forests)
Research and Development Wing, Madhya Pradesh Pollution Control Board,
Paryavaran Parisar, E-5, Arera Colony, Bhopal-4620 16

29

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 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, 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 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.


(Dr R.P. Singh)
Officer-in-Charge


(Dr Vinita Vipat)
Officer-in-Charge


(Dr Sadhna Tiwari)
Officer-in-Charge

3 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)

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Dated: 21/1/07

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State Environment Impact Assessment Authority, M.P.

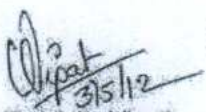
(Government of India, Ministry of Environment & Forests)


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

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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, GoI, 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.


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(Dr Sadhna Tiwari)
Officer-in-Charge

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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