



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: 1839 /SEIAA/2018
Date: 1.3.18

To,
Pradeep Kumar Agrawal, Vice President Commercial,
M/s Vacmet India Ltd.
4/117-2A, Anant Plaza, Civil Lines,
Church Raod, Agra (UP)-282002

Sub:- Case No 5470/2016 : Prior EC for Manufacturing of Polyester Resin- Polyethylene Terephthalate (PET) Chips -99000 MTPA and installation of HTM heater (Pet coke as fuel) 13.5 Million KCAL at Plot No 1, New Industrial Area Ujjaini (MPAKVN) Village- Ujjaini Tehsil & District- Dhar (M.P.) at total Plot area 263992.93sq.m (65.64 acres) by Pradeep Kumar Agrawal Vice President Commercial, M/s Vacmet India Ltd. 4/117-2A, Anant Plaza, Civil Lines, Church Raod, Agra (UP)-282002 email- vacmetindore@vpiplmail.co.in, Ph 0562- 4050404

Ref: Your application dtd. 18.11.2016 received in SEIAA office on 22.11.2016

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), 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 project proposal is to set up manufacturing of Polyester Resin - Polyethylene Terephthalate (PET) Chips- 99000 MTPA and installation of HTM heater (Pet coke as fuel) 13.5 Million KCAL at Village - Ujjaini, P.O. - Digthan, Tehsil & District - Dhar (M.P.)
- (ii) 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.
- (iii) There is no interstate boundary within 10 km and no National Park / Sanctuary within the 5 km (DFO letter dtd. 30.12.16) of the project area hence the general conditions are not attracted.
- (iv) The total land identified for the proposed project is 263992.93 sq.m. (65.64 acres) for which PP has executed lease deed dated 06.11.2015 between Managing Director MPAKVN, (Indore) Ltd. and M/s VACMET INDIA Ltd., Plot no.-1, for the period of 30 years (w.e.f. 05.11.15 to 04.11.2045).

Case No. 5470/2016

Issued vide letter no. 1839-4, dated 1.3.18

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

1 of 10

- (i) Public Hearing for the proposed project was conducted on 30 August 2017 at Plot No 1, New Industrial Area Ujjaini (MPAKVN) Village- Ujjaini Tehsil & District- Dhar (M.P) under the Chairmanship of Add. Collector, Dhar. Some issues regarding, impact on human health and agriculture, education facility, health issues of villagers, maintenance of road, employment to local villagers, proper treatment to the waste water, were raised during the Public Hearing which were addressed by PP.
- (ii) The total raw material required for making PET chips are PTA and MFG which will be available from Reliance, Indian oil and India Glycols etc. There is good availability of these raw materials in India. For proposed plant installation of HTM heater (Pet coke) $4.5 \times 2 + 1$ (standby) = 13.5 Million KCal, pet coke requirement around 700 kg/hr X 2 heaters X 24 hours X 365 days = 12264 MT/Annum. Fuel used: Pet coke/Indian coal/Imported coal.
- (iii) The total water requirement for the proposed project is 1008 KLD. Total water after DMF treatment will be 880 KLD, hence daily fresh water intake will be $1008 - 227 = 781$ KLD. The source of water supply is MPAKVN (Indore) through pipeline network for which PP has submitted water commitment letter dtd 06.09.16 from MPAKVN Ujjaini (Dhar).
- (iv) The total waste water generation estimated to be 278 KLD up to completion of project in three phases by the year 2022. For the waste water treatment facility for 278 KLD (domestic waste + industrial effluent) PP has proposed in phased manner treat plant as follows :

a) Phase-1	ETP	65 KLD	Phase-1	STP	10 KLD
b) Phase-2	ETP	65 KLD	Phase-2	STP	10 KLD
c) Phase-3	ETP	116 KLD	Phase-3	STP	12 KLD
Total		246 KLD			32 KLD

The generated domestic waste water will be treated in STP and used for plantation/gardening/toilet flushing. The 227 KLD water will be recycled in manufacturing process. No liquid waste will be discharged to any drains and the unit will be followed zero discharge norms.

- (v) The solid waste generated from the plant will be polyester waste during the manufacturing of film. It will be sent to recycling unit and reused again. The waste from the recycling unit will be used widely for making polyester yarn, toys and molding process for making various items, so the polyester waste will be sold to the manufacturing of yarn and toys etc. Approximately 1.5MT/year solid waste and 1000 ltr/yr used oil will be generated from the plant. The waste will be collected, segregated for organics and inorganics. The organic waste will be sent for composting and inorganic waste will be given to authorized recycler.
- (vi) The unit will be provided adequate hazardous waste management system. Used Oil will be collected in drums and reused for low grade lubrication of machinery and for rust proofing or sold to re-processors registered with CPCB.

Used TEG will be sent to MP waste Management Project, Pithampur, Dhar or will be sold to authorized re-processor/ recycler registered with MPPCB. The company will provide separate storage area for hazardous waste proposed to be generated from the unit. The hazardous waste storage area will be having RCC flooring and asbestos roof covering on the top so as to avoid rainwater mixing with the same. The leachates if any will be discharged to holding tank of Effluent Treatment Plant.

- (vii) Ambient air quality in the study area was observed to be well within the permissible limits prescribed in National Standards of Air Quality

For control of air pollution PP has proposed to provide tarpaulin sheet covered on the material during the transportation. Adequate stack height will be maintained. Nose masks are being provided to all workers. All the storage tanks are provided with proper dip arrangements for exhausts/vents and breather valve. Loading and unloading of materials may lead to fugitive emissions. To avoid the same, the materials transfer will be done through fixed piping connections through pumps. Few raw material/liquid/solvents in barrels which can be unloaded by company personnel, safety precaution will be followed. For flue gas emission pp has proposed following:-

Sr. No.	Common Stack Attached to	Air pollution Control Measures
1.	Solid fuel fired Heater	Electrostatic Precipitator
2.	Pet coke Handling System	Dust Extraction System

- (viii) 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:-

- Sound producing equipment will be enclosed in the sound proofing enclosures to give residual sound pressure level of 75 dB (A).
- To minimize the adverse effects on health, suitable ear protecting devices will be provided for working personnel.
- The vehicles will be kept periodically serviced and maintained as per the requirement of latest trend in automobile industry.
- The vehicles having PUCs and spark arrestors will only be allowed for the transportation.
- Noise levels due to DG-sets will be reduced by installing the low noise DG set and proper siting and control measures around them. Acoustic enclosure at DG-sets will be provided and also a suitable exhaust muffler will be provided.
- The industry will develop greenbelt in 30% area within the industrial premises for the abatement of noise pollution.

- (ix) Power requirement for plant related activities will be ~ 20 MVA. Electricity will be sourced from 132 kV power line from MPPTCL / MPPKVCL Indore. One DG capacity 1650 KVA, One DG 2500 KVA will be available in standby mode. Stack (height 12m AGL will be provided as per CPCB norms to the proposed DG set.

Electric Power per 1000 Kg of chips from CP – 45 KW
Electric Power per 1000 Kg of chips from BP – 80 KW

PP has proposed to save 720000 of electricity units per year by replacing conventional lights with LEDs and providing VFDs to various motors of machineries.

- (x) The total area will be 263992.93 sq.m. and green belt will be developed in 79997.85 sq.m. PP has proposed to plant 12800 sapling (@ 1600/ha) within 79997.85 sq.m. (8 ha) area covering 30% of the plant premises.
- (xi) The project cost is estimated to be Rs. 110 crores.

- (xii) **Benefits of the project:** The proposed industry will be providing employment to about 600 people directly and indirectly. There is huge demand of the proposed products in the export market. The products are widely used in the polymer industry. This project being export oriented the capital investment towards building, plant and machinery and other utilities will add to national exchequer and revenue generation in terms of FOREX.
- (xiii) 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.
- (xiv) Under CSR activities PP has proposed Strengthening of the primary schools by donating school furniture and study material, Provision of new hand pumps, maintenance & repair of non-working hand pumps, Donation of funds for construction/maintenance of Sanitation and Toilet facilities in nearby villages, Awareness campaigns in nearby villages for sanitation and Toilet, Construction of community hall, Strengthening/maintenance of village roads and accordingly overall capital expenditure Rs. 23 lakhs made available to conduct CSR activities upto five years (2018 to 2023)

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 468th meeting held on 09.02.2018 and decided to accept the recommendations of 298th & 304th SEAC meeting held on dtd 17.11.2017 & 15.01.18 respectively.

Hence, Prior Environmental Clearance is accorded under the provisions of EIA notification dtd. 14th September 2006 & its amendments to the Proposed " Manufacturing of Polyester Resin-Polyethylene Terephthalate (PET) Chips -99000 MTPA and installation of HTM heater (Pet coke as fuel) 13.5 Million KCAL at Plot No 1, New Industrial Area Ujjaini (MPAKVN) Village- Ujjaini Tehsil & District- Dhar (M.P.) at total Plot area 263992.93sq.m (65.64 acres) by Pradeep Kumar Agrawal Vice President Commercial, M/s Vacmet India Ltd. 4/117-2A, Anant Plaza, Civil Lines, Church Road, Agra (UP)-282002, 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 Ujjaini (Dhar) 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. As already committed by PP "Zero liquid discharge" shall be ensured and no waste / treated water shall be discharged outside the premises.
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 79997.85 sq.m. by planting 12800sapling (@1600/ha) .
- (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. 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.
8. Double containment system shall be provided for all waste transport vehicles to avoid spillage. The spillage shall be cleared immediately.
9. Vehicles should prominently display complaint numbers for use of public as well as antidotes to any toxic waste.
10. Process effluent/any waste water shall not be allowed to mix with storm water.
11. 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.
12. Dedicated parking facility for loading and unloading of material should be provided in the factory premises.
13. PP should ensure to undertake CSR activities in consultation with Gram Panchyat of the nearby villages.

B. Specific Conditions as recommended by SEAC

14. The waste water treatment facility for 278 KLD should be developed in phased manner in following phases and other conditions will remain same as per the recommendations made for EC in the 298th SEAC meeting Dated 17/11/2017:

a)	Phase-1	ETP	65 KLD	Phase-1	STP	10 KLD
b)	Phase-2	ETP	65 KLD	Phase-2	STP	10 KLD
c)	Phase-3	ETP	116 KLD	Phase-3	STP	12 KLD
	Total		246 KLD			32 KLD

(A) PRE-CONSTRUCTION PHASE

15. During any construction/plant erection activity, curtaining of site should be carried out to protect nearby areas.
16. The entire area should be covered with 03 meters MS sheets and due care should be taken for noise and vibration control during construction work.
17. PP will obtain other necessary clearances/NOC from respective authorities.
18. 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 shall also be made available to local bodies, Panchayat, State Pollution Control Board and Regional Office, MoEF & CC Gol, Bhopal.

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, ear muffs etc should be provide to the workers.
21. Fire extinguishers should be provided on site during construction period.
22. Black carpet/CC road should be provided to reduce dust suppression.
23. Properly tuned construction machinery and good condition vehicles (low noise generating and having PUC certificate) should be used.
24. 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.
25. Peripheral plantation all around the project boundary shall be carried out using tall saplings of minimum 2 meters height of species which are fast growing with thick canopy cover preferably of perennial green nature. PP will also make necessary arrangements for the causality replacement and maintenance of the plants.
26. Solar Powered LED should be used in the street lights and parking areas. PP should explore the possibility of providing solar lights for office building also.
27. Provision for physically challenged persons be made so that they easily excess pathway/derive way for their vehicles.
28. 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

29. Total water requirement for the project shall not exceed 1008 KLD.
30. The PP will establish the adequate effluent treatment technology with RO, MEE and spray dryer to achieve the M.P. Pollution Control Board's zero discharge norms. As proposed, no effluent from the industry shall be discharged outside the 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.
31. To control the particulate emission from the HTM heater, ESP meeting 50 mg/Nm³ or norms prescribed by the M.P. Pollution Control Board shall be installed.
32. Adequate dust extraction system (minimum 02 Nos.) should be provided on pet coke handling plant, crusher, bunkers, loading area etc to control fugitive emissions.
33. 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.

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 and chemical storage areas vulnerable to fire. Similarly 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 or HDPE liners 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. A budgetary provision for Environmental Management Plan (including environmental monitoring programme) of Rs. 11.94 crores (capital) is made with a recurring expenditure of 1.541 crore. 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.
51. Under CSR activity, Rs. 23 lacks are proposed for one year the above budget will be enhanced further as per CLB and need based compliance will be followed.
52. A separate bank account should be maintained for all the expenses made in the EMP and CSR activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.
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. Regular monitoring of Air, Noise, Waste Water, Solid Waste/Hazardous Waste, Ground Water and Soil etc. shall be carried out as per the norms prescribed by the M. P. Pollution Control Board.
55. The environmental policy with Environmental Management Cell should be prepared with suitably qualified staff for implementation of the stipulated environmental safeguards and for monitoring functions shall be setup under the control of the Chief Executive of the company.
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. All recommendations and pollution mitigative measures proposed in the EMP shall be binding for the project authorities.
58. In case of power failure, stand by D.G. Set/s having power generation capacity equivalent to the requirement of power to run the facility shall be installed so that the facility shall always be operated round the clock even in case of power failure.
59. For avoiding vehicle congestion /traffic jam within facility premises or outside road proper turning and parking space be provided. Also all internal roads shall be made pucca/bituminous top to avoid fugitive emissions.
60. At least two on-line continuous ambient air quality monitoring stations on suitable locations should be provided and data connectivity must be provided to the MPPCB's server for remote operations and data should also be displayed on the main entry gate of the facility. The ambient air quality shall also be monitored in and around the facility area and results shall be submitted to the MPPCB. The locations for the ambient air quality monitoring shall be fixed and reviewed in consultation with the MPPCB.

61. The overall noise level in and around the facility area and D.G. Set shall be kept well within the standards by providing noise control measures including engineering controls like acoustic insulation hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise level shall conform to the standards prescribed under The Environment (Protection) Act, 1986 & Rules.
62. Pucca flooring / impervious layer shall be provided in the work areas, chemical/waste oil storage areas and chemical handling areas to minimize soil contamination.
63. Good housekeeping shall be maintained within the facility premises. All pipes, valves and drains shall be leak proof. Leakages from the pipes, pumps, shall be minimal and if occurs, shall be arrested promptly. Floor washing shall be admitted in to the effluent collection system for subsequent treatment and disposal. The storm water drains shall be kept separate and shall remain dry throughout the year except monsoon.
64. The project authorities should comply with the provisions made in the Hazardous Waste (management, handling & Trans-boundary Movement) Rules 2016, Plastic Waste Management Rules 2016, e-waste (Management) Rules, 2016, Construction and Demolition Waste Management Rules, 2016 and Solid Waste Management Rules, 2016 etc.
65. 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.
66. 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.

1840
Endt No. / SEIAA/ 2018

Dated 1.3.18

(P Narahari)
Member Secretary

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, GoI, Ministry of Environment & Forest Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi - 110 003
- (7). Director (S), Regional office of the MOEF, (Western Region), Kendriya Paryavaran Bhawan, Link Road No. 3, Ravi Shankar Nagar, Bhopal-462016.
- (8). Guard file.

Encl: Standard Conditions (Annex-I)

(Dr. Sanjeev Sachdev)
Officer-in-Charge

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

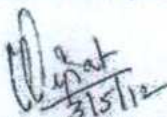
Annex-I

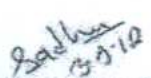
Standard Conditions related to item 5 (f) of the schedule of EIA notification,
2006

(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 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 Vide No. 21839-40/SEIAA/EPCO
Dated 23/5/2012

Issued Vide No. 1839-40/SEIAA/EPCO
Dated 1.3.18

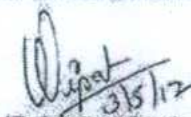
State Environment Impact Assessment Authority, M.P.

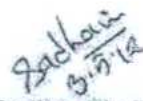
(Government of India, Ministry of Environment & Forests)
Research and Development Wing, Madhya Pradesh Pollution Control Board,
Paryavaran Parisar, E-5, Arera Colony, Bhopal-4620 16

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. 1839-470
Dated 1.3.12
Issued Vide No. 243-1144
Dated 23/5/2012
M.P. PCB
M.P. PCB

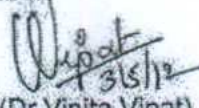
State Environment Impact Assessment Authority, M.P.

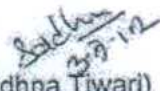
(Government of India, Ministry of Environment & Forests)
Research and Development Wing, Madhya Pradesh Pollution Control Board,
Paryavaran Parisar, E-5, Arera Colony, Bhopal-4620 16

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)

Issued Vide No. 213-VI/EA/EP/CO
Dated 28/1/2012

Issued Vide No. 1839-40 SEIAA/EP/CO
Dated 1.7.18

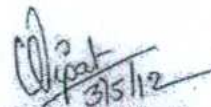
(30)

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

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, NOx (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)
Officer-in-Charge


(Dr Vinita Vipat)
Officer-in-Charge


(Dr Sadhna Tiwari)
Officer-in-Charge

4 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. 1839490/MA/EPCCO
Dated..... 1.3.12

Issued Vide No. 213/MA/EPCCO
Dated..... 23/5/2012