



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

visit us <http://www.mpseiaa.nic.in>
Tel: 0755-2466970, 2466859
Fax : 0755-2462136

REGISTERED

No: 9709 /SEIAA/2015
Date: 23.12.15

To,
Shri Ajitsinh S. Rathod, Director
M/s Meghnagar Pharmachem Pvt. Ltd.,
Gangotri Farm & Nursery Compound,
Nandesari Chokdi, N.H.No.-8,
Vadodara (Gujarat) – 391340

Sub:- Case No. 2491/2015 Prior Environment Clearance for proposed Synthetic Organic Chemical manufacturing Unit of M/s Meghnagar Pharmachem Pvt. Ltd., Plot No. 98-A, AKVN, Meghnagar, Village Meghnagar, District Jhabua (M.P.), Plot area 3924 sq.m. Capacity- Dyes Intermediates @ 35 MT/Month by Shri Ajitsinh S. Rathod, Director M/s Meghnagar Pharmachem Pvt. Ltd., Gangotri Farm & Nursery Compound, Nandesari Chokdi, N.H.No.-8, Vadodara (Gujarat) – 391340, E-mail meghnagarpharmachem@gmail.com, Ph.No. 9427301005, Environment Consultant Green Circle, INC, Gujarat & Ultra- Tech Environmental Consultancy & Laboratory, Mumbai

Ref: Your application dtd. 28.01.15 received in SEIAA office on 02.02.2015

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 project is comprised of production Synthetic Organic Chemical manufacturing Unit of M/s Meghnagar Pharmachem Pvt. Ltd at Plot No. 98-A, AKVN, Meghnagar, Village Meghnagar, District Jhabua (M.P.) Total 04 products are proposed in this project. The total production capacity of the product is as follows:-

S.No.	Product Name	Production MT/ MONTH
1.	N-Methyl-J-Acid	20.0 MT/Month
2.	N-Benzoyl -J-Acid	5.00 MT/Month
3.	N-Acetyl-J-Acid	5.00 MT/Month
4.	N-Phenyl-J-Acid	5.00 MT/Month
	TOTAL	35.00 MT/Month

(Ajatshatru Shrivastava)
Member Secretary

Case No. 2491/2015


Issued vide letter no. 9709/10 dated 23.12.15

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

- (ii) The project is of Synthetic Organic Chemical industry covered under 5 (f) category B of the Ministry of Environment, Forests & Climate Change, Govt. of India, EIA Notification 2006 and its amendments.
- (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 plot area is 3924 sq.m. for which PP has executed registered lease deed dated 15.03.2012 between Managing Director MPAKVN, (Indore) Ltd. and M/s Meghnagar Pharmachem Pvt. Ltd through Director Shri Ajit Singh Rathod for the period of 30 years (w.e.f. 15.03.2012 to 14.03.2042).
- (v) The project is located in notified Meghnagar Industrial Growth Centre District Jhabua approved by MPAKVN (Indore) Ltd. hence as per Govt. of India, MoEF OM dtd 10.12.14, Public Hearing is exempted.
- (vi) PP has proposed that the raw materials obtained from traders and distributor from the local market and transported by road ways (liquid in tanker, drum & solid materials in bags). Finished product will be also transported by road ways.
- (vii) The total water requirement is 10.33 KLD (domestic – 0.45 KLD + Gardening – 6.47 KLD+ Industrial-3.41 KLD). The source of water for the project is MPAKVN. (letter dtd. 29.12.2014).
- (viii) The average waste water generation is 1.34 KLD. The domestic and industrial waste water generation will be treated in proposed ETP follow with RO & MEE and will be used in process and gardening purpose to achieve zero liquid discharge. Domestic waste water will be disposed of through septic tank followed by soak pit.
- (ix) Solid / Hazardous waste shall be generated from the process. The details of source of Hazardous waste generation & their proposed disposal are as follows :

S. No.	Name of Solid /Hazardous Waste	Quantity	Mode of Disposal
1.	MEE Salts	25 Kg/Day	Sent to TSDF
2.	Inorganic Solid Waste (Process)	20.0 Kg/Day	Sent to TSDF
3.	ETP Sludge	5.0 Kg/Day	Sent to TSDF
4.	Drum	25 Nos./Month	Sent to Authorized Vender
5.	Bag	600 Nos./Month	Sent to Authorized Vender
6.	Liner	600 Nos./Month	Sent to Authorized Vender

For collection of municipal solid waste like rubbish, paper, plastic garbage etc PP has proposed proper storage area and final disposal through AKVN/ local body. Hazardous waste generated from process will be sent to TSDF site for land filling.


(Ajatshatru Shrivastava)
 Member Secretary


- (x) The expected particulate and gaseous emission of SPM, SO₂, NO_x etc. for control of air pollution PP has proposed appropriate height of stack will be maintained. Periodic maintenance of DG set and monitoring will be carried out.
- (xi) PP has submitted on site and of site emergency plan including Disaster Management, Risk Assessment and Fire Fighting.
- (xii) The power requirement for the project is 93 KVA (125 HP) and D. G. set 125 KVA. The source of power supply is Madhya Pradesh Paschim Kshetra Vidyut Vitaran Company Ltd. (MPPKVV).
- (xiii) PP has proposed greenbelt development in an area of 1300 sq.m (33%) of total area) with suitable plant species within the premises.
- (xiv) Under CSR activities PP has proposed construction of toilets in village Agral and installation of hand pump in village Footalab in consultation with concerned Gram Panchayat respectively.

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 257th meeting held on 06.11.2015 and decided to accept the recommendations of 223rd SEAC meeting held on dtd 15.09.2015.


Hence, Prior Environmental Clearance is accorded under the provisions of EIA notification dtd. 14th September 2006 to the proposed proposed Synthetic Organic Chemical manufacturing Unit of M/s Meghnagar Pharmachem Pvt. Ltd., Plot No. 98-A, AKVN, Meghnagar, Village Meghnagar, District Jhabua (M.P.), Plot area 3924 sq.m. Capacity- Dyes Intermediates @ 35 MT/Month by Shri Ajitsinh S. Rathod, Director M/s Meghnagar Pharmachem Pvt. Ltd., Gangotri Farm & Nursery Compound, Nandesari Chokdi, N.H.No.-8, Vadodara (Gujarat) subject to the compliance of the Standard Conditions enclosed at Annex-I and the following additional Specific Conditions as recommended by SEIAA & SEAC in its meetings.

A. Specific Conditions as recommended by SEIAA

- (1) PP should ensure to provide separate bay / stand for transport trucks to avoid traffic congestion in unit premises and no other construction will be allowed in this area.
- (2) PP should ensure to create separate storage yard for hazardous waste/ sludge.
- (3) PP should ensure entire waste water generated from the plant will be recycled and reused in the process.
- (4) PP should install auto scanner to monitored fugitive emissions.
- (5) PP should install four stages scrubbers to control NO_x emissions.
- (6) PP should ensure to conduct regular on site and of site mock drill as per Health and Safety Norms.


 (Ajatshatru Shrivastava)
 Member Secretary


- (7) PP should ensure dismantling of their existing unit.
- (8) PP should ensure disposal of storm water (if any) to linkage with AKVN drainage system.
- (9) Ensure to provide fully covered storage facility at the factory site for hazardous and inflammable substances.
- (10) Ensure the transportation of raw / finished material only by covered vehicles.
- (11) 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.
- (12) Ensure collection & treatment of spillages, if any.
- (13) All necessary precautionary measures shall be taken to avoid any kind of accident during storage and handling of hazardous chemicals.
- (14) All the storage tanks shall be fitted with appropriate controls to avoid any leakages. Bund/dyke walls shall be provided for storage tanks for Hazardous Chemicals. Close handling system for chemicals shall be provided.
- (15) The entire process area should be provided with doubled liner HDEP geo membrane system of thickness 2.5 mm and double leachate collection system for detection of any leachate.
- (16) The storage area shall be designed in such a way that the floor level is at least 450 mm above the maximum flood level with 2.5 mm thickness of HDPE geo membrane and two layers of RCC in storage as proposed.
- (17) The entire demand of fresh water should be met from AKVN, supply and there should be no extraction of ground water.
- (18) PP should maintain zero discharge from the Industry.
- (19) Industrial effluent generation shall be completely evaporated with help of Evaporator so as to achieve zero discharge.
- (20) There shall be no industrial effluent discharge from the unit.
- (21) The performance of air pollution control system should be regularly monitored and maintained. Regular stack monitoring & ambient air quality monitoring should be carried out as per the guidelines/norms of MPPCB/CPCB.
- (22) Discarded bags/liners/containers shall be either reused or sold to the registered recyclers.
- (23) PP should also obtain Authorization from the competent authority (TSDF, Pithampur) for disposal of hazardous wastes.
- (24) Used oil shall be either reused in lubrication of the plant machineries or sold to the registered recyclers.


(Ajatshatru Shrivastava)
 Member Secretary

- (25) PP should obtain approval of the Competent Authority for Health and safety, Onsite disaster management plan, Risk management plan before commencing of the project.
- (26) PP should obtain approval of the Competent Authority for Firefighting before commencing of the project.
- (27) PP should ensure plantation as proposed in 1297.27 sq.m completely in first year.
- (28) Plantation in the project area of indigenous local varieties like Neem, Peepal, Kadam and Kachnaar.
- (29) Every effort should be made to protect the existing trees on the plot.
- (30) PP should ensure the implementation of CSR activities to the extent on regular basis as proposed in consultation with the Gram Panchayat of the respective village.
- (31) 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.
- (32) Total quantity of runoff water generated and green belt area should be collected in underground tank & used for process in plant to minimize fresh water requirement.

B. Specific Conditions as recommended by SEAC

- (33) At least eight numbers of Piezo-metric monitoring points should be provided all around the plant premises and their monitoring be done bi-monthly.
- (34) VOC's detectors should be provided in all storage areas.
- (35) It should be zero discharge unit and no waste water is allowed to discharge outside of the plant premises.
- (36) MEE sludge and other hazardous wastes should be sent to CTSD, Pithampur, Dhar.
- (37) At least 2.5 cm of first rain water should be passed through the ETP.
- (38) No ground water recharge pits be provided in the plant premises.
- (39) Flammable, ignitable, reactive and non-compatible wastes should be stored separately and never should be stored in the same storage shed.
- (40) Automatic smoke, heat detection system should be provided in the sheds.
- (41) The exhaust of the vehicles used for the purpose of handling, lifting and transportation within the factory such as forklifts or trucks should be fitted with the approved type of spark arrester.


(Ajatshatru Shrivastava)
 Member Secretary

- (42) In order to have appropriate measures to prevent percolation of spills, leaks etc. to the soil and ground water, the storage area should be provided with concrete floor of inert material or steel sheet depending on the characteristics of waste handled and the floor must be structurally sound and chemically compatible with wastes.
- (43) 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.
- (44) 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.
- (45) Recent MSDS of all the chemicals be displayed at appropriate places.
- (46) Two on-line monitoring systems for ambient air quality should be provided.

Standard Conditions - Encl: Annex-I


(Ajatshatru Shrivastava)
Member Secretary

Endt No. 9710 / SEIAA/ 2015
Copy to:-

Dated 23.12.15

- (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- Jhabua -M.P.
- (5). Managing Director, M.P. Audyogik Kendra Vikas Nigam (Indore) Limited, Free Press House First Floor, 3/54 Press Complex, Agra - Mumbai Highway, Indore(M.P).
- (6). Director, I.A. Division, Monitoring Cell, MoEF, Gol, Ministry of Environment & Forest Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi - 110 003
- (7). Director (S), Regional office of the MOEF, (Western Region), Kendriya Paryavaran Bhawan, Link Road No. 3, Ravi Shankar Nagar, Bhopal-462016.
- (8). Guard file.

Encl: Standard Conditions (Annex-I)


(Ajatshatru Shrivastava)
Member Secretary

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


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, 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.

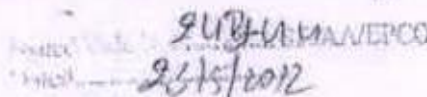

(Dr R P Singh)
Officer-in-Charge


(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)


26/5/2012

Issued Vide No. 9209-SP/WEPCO
Dated 23/12/11

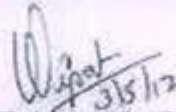
22

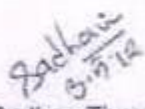
State Environment Impact Assessment Authority, M.P.

(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

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-UM/VEPCO
Dated 23/12/12

Issued Vide No. 9709/SEIAA/VEPCO
Dated 23/12/15

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, 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

3 of 4

5 (i) 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. 212-212/2012/EPCCO
Dated 23/12/12


Issued Vide No. 9709-10/EPCCO
Dated 23/12/15

(3D)


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, 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)
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. 213-10/2011/NEPCO
Dated: 23/5/2012

Issued Vide No. 9709-10/2011/NEPCO
Dated: 23/12/15