



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

Environmental Planning Coordination Organization (EPCO)  
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No: 1169 /SEIAA/2018

Date: 24.7.18

To,  
DGM  
Navin Fluorine International Limited,  
2<sup>nd</sup> Floor, Suntech Centre, 37/40, Subhash Road,  
Vile Parle-(East),  
Mumbai- 400057

**Sub:- Case No. 5632/2018** - Prior Environmental Clearance for Expansion in Production capacity of chemicals and drugs intermediates project at Plot No. 1, 2-2 A, Dewas Industrial Area - 02 A-B Road, Dewas (M.P) Total land area : 47 Acres (1,85,030 sq.m). Production Capacity : 6272 MT/annum by DGM, Navin Fluorine International Limited 2<sup>nd</sup> Floor, Suntech Centre, 37/40, Subhash Road, Vile Parle-(East), Mumbai- 400057 Mob: 8347459700 E-mail – [info@nfil.in](mailto:info@nfil.in) EIA Consultant: M/s CES, Bhopal

**Ref:** Your application dtd 05.01.18 received in SEIAA office on 10.01.2018

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) This is case of Prior Environment Clearance for Expansion of Production Capacity of Manufacturing Unit of Chemicals and Drugs Intermediates. The concept of proposed project is to manufacture new products within the existing production facility. The unit is involved in Custom Research and Manufacturing Services (CRAMS) for various organics and specialty chemicals, drug and drug intermediates. It is 100% export oriented unit, supplying finished products to various international clients from pharmaceutical industry
- (ii) As of now NFIL, Dewas site operates with two manufacturing plant cGMP-1 and cGMP-2. NFIL are manufacturing twenty numbers of products in cGMP-1 and twelve number of products in cGMP-2. NFIL intend to stop manufacturing of few products and introduce new one with equal or lower capacity based on changed market scenario.

**Details of Existing Products:**

Existing Products – cGMP-1				
Sr. No.	Name of Product	Manufacturing capacity in Tons/Annum		
		Option-A	Option-B	Option-C
1	Ethyl benzyl aniline	1000	1000	0
2	Methyl benzyl aniline	120	70	0
3	Diethyl meta toludene	300	300	300

Case No. 5632/2018

Issued vide letter no. .... dated .....

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

4	Phenyl trimethyl ammonium chloride	100	100	100
5	Mono ethyl ortho toluidine	0	200	200
6	Parazinoic acid/pyrazzinoic ester	0	300	0
7	4,4, difluoro-benzophenone (2KT)	0	0	20
8	5-difluoromethoxy,2-mercapto benzimidazole	0	0	39
9	Biphenyl	0	0	18
10	Trifluoro methylacetate	0	0	50
11	Trifluoro ethylacetate	0	0	50
12	2-Methyl-4-isothiazolone-3- one HCl salt	10	10	25
13	6 Fluoro 3,4-Dihydro-2H-1-BenzoPyraan-2-Carboxylicacid (Nebivolol Int)	3	2	2
14	Ethyl 2-cyclopropyl-4-(4-fluorophenyl)-quinolyl-3-carboxylate	4	10	25
15	1-Cyclopropyl-2-(2-fluorophenyl)-ethanone	4	5	50
16	6-Fluoro-3-(4-peperodiny)1,2-benzisoxazole	2	10	20
17	Xtaflour	750	750	750
18	Hexa fluoroisopropanol	200	100	400
19	3,5 difluoro benzene thiol	2	15	20
20	4-Methyl-2(2,2,2-Trifluoro-1,1-Dimethyl Pyridine	2	10	20

Existing Products – cGMP-2		
Sr. No.	Name of Product	Manufacturing capacity in Tons/Annum
1	Aceto Sulfonamide	260
2	Aliphatic Haloester	260
3	Fluoroamino benzene	150
4	Fluoroamino cyclobutene	140
5	Haloamino pyridine acid	80
6	Halopyrimidine	120
7	Piperazine	290
8	Piperidine/carbamate	260
9	Pyrolidine	180
10	Sulphur Tetrafluoride	650
11	Thio, Oxazole	150
12	Sodium Chloride	850

(iii) The project involves the production of various types of chemicals and drug intermediate with proposed capacity of 6272 TPA including following products:-

New Products Proposed for cGMP-1, 2, 3, 4 and cGMP-5.		
Sr. No.	New Proposed product	Production Capacity MTPA
1	Benzene trifluorides	250
2	Cycloalkanes	200
3	Pyrazole & Pyrimidines	300
4	Aromatic, aliphatic sulfonyl chlorides & sulphonamides	200
5	Fluoro alkanes & aromatics	280
6	Halo Pyridines	250
7	Aliphatic, alicyclic & aromatic nitriles	250
8	Furans, pyranes	100
9	Aziridines, azirines, azetidines, azetes, diazetines, diazete	120
10	Pyrrolidines, pyrroles, pyrazolidines, & imidazolines	150
11	Aromatic and Fused Aromatics	120
12	Acitamidines	140
13	Indoles, thiozoles & oxazoles.	130
14	Aldehyde & hemiacetal	220
15	Aliphatic, aromatic amines and their salts	160
16	Alcohols, aldehydes, acids & ketones	230
17	Boronic acids & boronate esters	120
18	Quinolines	180
19	Alkanes, alkenes, alkynes	250
20	Amines, enamines and their salts	240
21	Cycloalkenes, cycloalkynes	280
22	Thiazoles, isothiazoles, thiazoles & Thio-oxazoles	260
23	Substituted Imidazolines	120
24	Trioxanes, dioxolanes	450
25	Substituted morpholines	120
26	Sulphur Tetrafluoride	282
27	Xtafluor	350
28	Aromatic & aliphatic Oximes	140
29	Diazoles, triazoles	120
30	Thiazolidines	120
31	Piperazines	140
	<b>Total</b>	<b>6272 Mt/Annum</b>

- (iv) The existing cGMP-1 and cGMP-2 are multipurpose production line hence any kind of product category indicated above can be produced without any changes in equipment or other control parameters. cGMP Plant-3, cGMP Plant-4 and cGMP

- Plant-5 proposed in place of old manufacturing block will be also multipurpose and hence the listed product can be produced there, too without any changes.
- (v) The major facilities involved are Boiler, MEE, reactors, Cooling Towers, Effluent Treatment Plant (ETP), and R.O Plants etc. Facilities like administrative office, parking and greenbelt/plantation also developed as per plan/requirement.
- (vi) 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.
- (vii) There is no interstate boundary within 05 km and no National Park / Sanctuary within the 5 km of the project area hence the general conditions are not attracted.
- (viii) PP has submitted copy of ammended lease deed dated 06.12.2013 between MD, Audyogik Kendria Vikas Nigam (Ujjain) LTD, Ujjain and M/s Navin Flourine International Ltd. through authorized signatory Shri Anil Birai an area of 1,85,030 sq.m.(47 Acres).
- (ix) Total water requirement for the project will be approx. 485 KLD which will be sourced from Welspun. PP has submitted consent letter (dtd.28.12.17) from WELSPUN Enterprises, Industrial Area Dewas for supply of 600KLD water.
- (x) Total waste water generation will be 373 KL/day which will be treated in ETP. The capacity of existing ETP is 45 KL/day for cGMP-1 and cGMP-2 and balance 290 KLD shall be installed phase wise to treat additional effluent before commissioning of cGMP Plant-3, cGMP Plant-4 and cGMP Plant-5.

Multiple Effect Evaporator, ATFD and stripper column with treatment capacity 15 KL/Day have been installed and will be expanded phase wise to treat additional 107 KL/Day for upcoming project. The treated water will be used in cooling towers, floor washing and gardening/green belt.RO and MEE have been installed to maintain zero discharge condition. Various mitigation measures for water management and wastewater management has proposed as mentioned below:

- Storm water drainage system has been developed for existing unit and shall be maintained preciously to prevent the flow of silt and other contaminant outside of the site and towards river side
  - Blow downs from cooling towers, boiler, scrubber , Softener regeneration, Vacuum pump approx 229 KL will go to ETP
  - 38 KLD high COD high TDS wastewater will be sent to MEE. Remaining 335 KLD out of 373 KLD will be treated in ETP.
  - A drain along the boundary wall shall be made, which will be connected proposed settling tank/water reservoir to protect the flow of contaminant towards nearby river.
  - Regular monitoring and analysis of upstream and downstream of River Nagdhamman is proposed .
  - Being a chemical based plant, it is proposed to harvest the rain water only form the building roof top.
  - No treated / untreated effluent would be discharged on land in Industrial premises or study area.
  - The Domestic waste will be treated in a septic tanks and soak pit system.
  - The entire trade effluent will be divided into two streams i.e. Stream-I (high concentrated streams) and Stream-II (low concentrated stream). Both the streams will be treated in well-designed ETP, RO and MEE
- (xi) Solid waste generated during the manufacturing process and wastewater treatment process is mainly sludge and will be disposed at authorized TSDF facility, as per

Hazardous and Other Waste (Management & Transboundary Movement) Rules, 2008 (Amendment 2016). PP has submitted membership of Ramky Enviro Engineers Ltd. for disposal of hazardous waste.

- (xii) To mitigate the impact of pollutants from boiler stack, diesel generator sets, sources of fugitive emission and vehicular traffic during the operational phase of the site, following measures are proposed for implementation:
- Height of all the stacks will be as per statutory requirement. All the stacks will have Stack Monitoring Facility (SMF) consisting of sampling port-hole, platform and access ladder.
  - Bag Filters and venturi scrubber are proposed as per the requirement and nature of pollutant.
  - Online monitoring system for the pollutants from the stacks with an arrangement to reflect gaseous emission parameters on company's server shall be provided.
  - Transport vehicles will be properly maintained to reduce air emissions. Vehicles will be periodically checked for pollutant emissions against stipulated norms.
  - Online continuous monitoring system shall be provided for stack of boiler.
  - Ambient air quality shall be regularly monitored to ensure that ambient air quality shall be met the limit at all the time.
  - Development of green belt in time bound manner in consultation with forest department.
  - Provision of close enclosure for all the loading & unloading operations, if possible.
  - Bag filter shall be provided at proposed boiler to control the emission below 150 mg per cubic meter.
  - Alkaline Scrubber will be attached to the reactor vent to control process SO<sub>2</sub> emission.
  - In order to control the fugitive dust emissions due to transportation activity, all the operational roads within the plant area shall be asphalted.
- (xiii) Power requirement will be sourced from existing line of 'Madhya Pradesh Paschim Kshetra Vidyut Veteran Company Ltd (MPPKVVCL)'. The company is already authorized to use power load of 1000 KVA and after expansion total requirement will be 4000 KVA. In case of power failure, D.G. set ( 650 KVA & 750 KVA- 3 no.) will be used as a backup power source.
- (xiv) Green belt over an area of 19.33 acres area has already been developed with 5000 number of trees and further 3.86 acres of area is proposed to be developed with 2000 number of trees around periphery of the unit and in open space.
- (xv) Under the CSR PP has proposed OPD services through qualified staff and distribution of Medicines in nearby villages,. Provisions for Books, Bag and other utility items for Tribe's children, motivating for be part of education, toilets to the beneficiary who are not able to afford the same, Supporting the cause of Health Care Services to Ruler India – focusing the Central India, Creating sources for clean drinking water (RO, cleaning systems), supporting to resource conservation / enhancement initiatives activities with budgetary provision of 62 lacs.
- (xvi) PP has included disaster management plan, fire fighting plan on-site, off-site emergency plan in the EIA report.
- (xvii) The total cost of the project is Existing : 95.44 Crore and Proposed : 310 Crores



Based on the information submitted at Para i to xvi above and others, the State Level Environment Impact Assessment Authority (SEIAA) considered the case in its 493<sup>rd</sup> meeting held on 11.07.2018 and decided to accept the recommendations of 316<sup>th</sup> dtd SEAC meeting held on dtd 19.06.2018.

Hence, Prior Environmental Clearance is accorded under the provisions of EIA Notification dtd. 14th September 2006 & its ammendments to the Proposed " Expansion in Production capacity of chemicals and drugs intermediates project at Plot No. 1, 2-2 A, Dewas Industrial Area - 02 A-B Road, Dewas (M.P) Total land area: 47 Acres (1,85,030 sq.m). Production Capcity: 6272 MT/annum by DGM, Navin Fluorine International Limited 2<sup>nd</sup> Floor, Suntech Centre, 37/40, Subhash Road, Vile Parle-(East), Mumbai- 400057, 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 WELL SPUN water supply and there is no extraction of ground water.
2. **Waste water Management:**
  - (a) PP should maintain zero discharge from the Industry as proposed.
  - (b) Separation of High & Low COD values effluent for better management of process effluent.
  - (c) RO treated water will be recycle for the process and High COD effluent generation shall be completely evaporated with help of MEE so as to achieve zero discharge.
  - (d) There shall be no industrial effluent discharge from the unit.
3. **For Air Pollution:**
  - (a) PP should ensure air pollution control measures 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/ foaming 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) High efficient two stage acid/alkali scrubber should be provided.
  - (h) Transportation of raw material and finished goods should be carried out in covered trucks.
  - (i) For control of fugitive emission and VOCs following steps should be followed:-
    - Chilled brine circulation system shall be provided and it should be ensured that the solvent recovery efficiency is not be less than 98%.
    - Reactor and solvent handling pump shall be provided with mechanical seal to prevent leakage.
    - Closed handling system should be provided for chemicals.

- System of leak detection and repair of pump/pipeline should be based on preventive maintenance.
- Solvent shall be taken from underground storage tank to reactor through closed pipeline. Storage tank shall be vented through trap receiver and condenser operated on chilled water.

**4. Hazardous Waste:**

- PP should ensure disposal of hazardous waste regularly and there should be no dumping of these materials in the premises/outside.
  - PP should ensure handling, disposal and management of hazardous waste as per the related prescribed rules.
  - PP should obtain renewal of authorization regularly from MPPCB for collection storage and disposal of hazardous waste (Management, Handling & Trans Boundary Movement) Rules 2008 and its amendments. Membership of the TSDF should be obtained for hazardous waste disposal.
  - 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.
  - PP should provide RCC layer and double layered HDPE lining for primary and secondary leachate collection.
  - PP should obtain NOC /approval from competent authority for health & safety measure, Onsite & Offsite disaster management, and Risk management plan before commencing the operation of the unit.
5. PP should ensure installation of photovoltaic cells (solar energy) for lighting in common areas, LED light fixtures and energy efficient equipments.

**6. Green Belt:**

- PP should ensure to maintain the developed trees existing in the site and it will be not to allow cutting.
  - Plantation in the project area of indigenous local varieties like Neem, Peepal, Kadam, Kachnaar etc. three years old saplings should be used for new plantation to reduce the mortality of plants.
  - Every effort should be made to protect the existing trees on the plot.
  - Pollution control trees should be planted in the green belt area PP should avoid to plant fruity trees in the project area.
7. PP should ensure the implementation of CSR activities on regular basis in consultation with the Gram Panchayat of the respective villages & also adopt nearby villages for skill development. RO should be installed for drinking water facilities in near by villages.
8. Rain water harvesting system should be done only in roof area of the unit.

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

**(A) PRE-CONSTRUCTION PHASE**

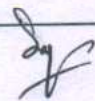
- During demolition of old blocks, Construction and demolition rule 2016 shall be complied in its spirit and content.
- During any construction/plant erection activity, curtaining of site should be carried out to protect nearby areas.
- For dust suppression, regular sprinkling of water should be undertaken.
- PP will obtain other necessary clearances/NOC from respective authorities.
- 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

6. PPE's such as helmet, welding shield, ear muffs etc should be provide to the workers during construction/plant erection activities.
7. Fire extinguishers should be provided on site during construction/ plant erection period.
8. Properly tuned construction machinery and good condition vehicles (low noise generating and having PUC certificate) should be used.
9. 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. Waste material may also be used for construction of internal roads.
10. 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 2000 number of trees in addition to the existing plantation of 5000 number will be planted. PP will also make necessary arrangements for the causality replacement and maintenance of the plants.
11. MSW of various labours generated during construction/plant erection activities should be disposed off at a designated place in consultation with the local authority.
12. 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

13. Total water requirement for the project (existing & expansion) shall not exceed 485 KLD.
14. Total waste water generation shall not exceed from 373 KL/day. The existing ETP 45 KL/day for cGMP-1 and cGMP-2 shall be maintained and operated properly to meet out the given norms of MPPCB.
15. 38 KLD high COD high TDS wastewater shall be sent to MEE. Remaining 335 KLD out of 373 KLD will be treated in ETP. Blow downs from cooling towers, boiler, scrubber, Softener regeneration, Vacuum pump approx 229 KL will go to ETP.
16. The treated water will be used for cooling towers, floor washing and gardening/green belt. No industrial effluent from the unit shall be discharged outside the plant premises and Zero discharge shall be maintained.
17. 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.
18. A drain along the boundary wall shall be made, which will be connected proposed settling tank/water reservoir to protect the flow of contaminant towards nearby river Nagdhmman
19. The device best suitable for the project site will be installed for monitoring/detecting the concentration of toxic fumes/VOC in the work zone on continuous basis. Regular monitoring of VOC, concentration in work zone shall be carried out
20. Height of proposed stacks will be as per statutory requirement. All the stacks will have Stack Monitoring Facility (SMF) consisting of sampling port-hole, platform and access ladder.
21. Bag Filters and venturi scrubber shall be installed for proposed boilers and scrubbers
22. No additional incinerator shall be installed without intimation to SEIAA/SEAC/MPPCB.
23. Online continuous monitoring system shall be provided for stack of boiler.
24. Ambient air quality shall be regularly monitored to ensure that ambient air quality shall be met the limit at all the time.
25. Regular monitoring of the stack emission of existing and proposed scrubber shall be carried out.

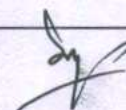




26. Additional greenbelt shall be developed around the plant to arrest the fugitive emission. Total green area of 24.19 acres shall be developed as per given land scap plan.
27. Alkaline Scrubber shall be provided at reactor's vent to control process SO<sub>2</sub> emission.
28. Fly ash generated shall 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.
29. Hazardous wastes should be disposed off as per the authorization issued by MP Pollution Control Board.
30. Flammable, ignitable, reactive and non-compatible wastes should be stored separately and never should be stored in the same storage shed.
31. Automatic smoke, heat detection system should be provided in the sheds. Adequate fire fighting systems should be provided for the storage area.
32. 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.
33. 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.
34. 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.
35. 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.
36. Recent MSDS of all the chemicals used in the plant be displayed at appropriate places.
37. Proper fire fighting arrangements in consultation with the fire department should be provided against fire incident.
38. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
39. The expansion project should also be monitored through SCADA system for effective monitoring and data should be recorded for the compliance purpose.
40. Dedicated power supply shall be ensured for uninterrupted operations of treatment systems.
41. 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.
42. 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.
43. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
44. Ultrasonic/Magnetic flow/Digital meters shall be provided at all water abstraction points and records for the same shall be maintained regularly.
45. 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**

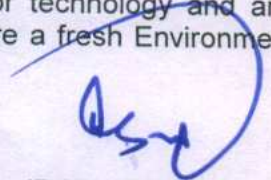
46. The proposed EMP cost is Rs. 35.415 Crores and Rs. 360 lacs /year ( inclusive of the O&M cost of Air Pollution Control system, ETP, MEE, Incinerator, Rain water



- Harvesting) are proposed as recurring expenses out of which Rs. 3.56 lacs is proposed for additional green belt development and Rs. 3.15 lacs /year for recurring expenses for plantation in the proposed EMP of this project.
47. Under CSR activity, Rs. 310 lacs are proposed for the next 05 years in different activities and should be implemented through respective committees.
  48. 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.
  49. 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.
  50. 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.
  51. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
  52. 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.

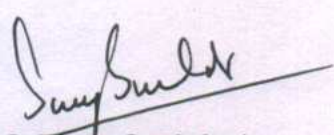
Endt No. 1170 / SEIAA/ 2018  
Copy to:-

Dated 24.7.18

  
(P Narahari)  
Member Secretary

- (1). Principal Secretary, Urban Development & Environment Deptt. 3rd Floor, Mantralaya Vallabh Bhawan, Bhopal.
- (2). Secretary, SEAC, Research and Development Wing Madhya Pradesh Pollution Control Board, Paryavaran Parisar, E-5, Arera Colony Bhopal-462016.
- (3). Member Secretary, MPPCB, Paryavaran Parisar, E-5, Arera Colony, Bhopal-462016.
- (4). The Collector, Distt- Dewas -M.P.
- (5). GM, District Trade & Industries Centre, Dewas, 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

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

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

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Annex-I

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

**(Synthetic Organic Chemicals Industry (dyes & dye intermediates; bulk drugs  
and intermediates excluding drug formulations; synthetic rubbers; basic  
organic chemicals, other synthetic organic chemicals and chemical  
intermediates)**

1. The company shall install an effluent treatment plant to treat the effluent generated due to proposed activity. The treated water shall be utilized within the premises to achieve zero discharge.
2. The hazardous wastes and Incineration <sup>waste</sup> from the process and treatment should be disposed off as per Hazardous Wastes (Management & Handling) Rules, 1989 and subsequent amendments.
3. The project authority shall obtain the membership of CTSDF (Common Treatment Storage & Disposal Facility) for disposal of solid and hazardous waste (if applicable) and copy of the same shall be submitted to the Regional Office of MoEF, 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

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5 (f) Synthetic Organic Chemicals Industry (dyes & dye intermediates; bulk drugs and intermediates excluding drug formulations; synthetic rubbers; basic organic chemicals, other synthetic organic chemicals and chemical intermediates)


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23/5/2012

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

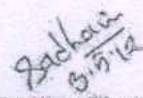
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Research and Development Wing, Madhya Pradesh Pollution Control Board,  
Paryavaran Parisar, E-5, Arera Colony, Bhopal-4620 16

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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 DTMS 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.

  
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5 (f) Synthetic Organic Chemicals Industry (dyes & dye intermediates; bulk drugs and intermediates excluding drug formulations; synthetic rubbers; basic organic chemicals, other synthetic organic chemicals, and chemical intermediates)

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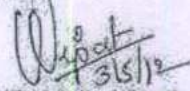
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23. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained (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 1<sup>st</sup> June and 1<sup>st</sup> December of each calendar year.
26. A copy of the environmental clearance shall be submitted by the Project Proponent to the Heads of the Local Bodies, Panchayat and Municipal Bodies as applicable in addition to the concerned Government Departments / organization responsible for controlling the proposed projects who in turn has to display the same for 30 days from the date of receipt.
27. The project proponent has to strictly follow directions/guideline issued by the MoEF, 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](http://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.

  
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5 (f) Synthetic Organic Chemicals Industry (dyes & dye intermediates; bulk drugs and intermediates excluding drug formulations; synthetic rubbers; basic organic chemicals, other synthetic organic chemicals and chemical intermediates

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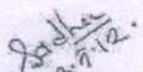
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31. Action plan with respect to suggestion/improvement and recommendations made and agreed during public hearing consultation shall be submitted to the Regional Office, MoEF, GoI, Bhopal, MP PCB within six months.
32. These stipulations would be enforced 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, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
38. The environmental statement for each financial year ending 31<sup>st</sup> March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the Regional Office of MoEF.

  
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5 (f) Synthetic Organic Chemicals Industry (dyes & dye intermediates; bulk drugs and intermediates excluding drug formulations; synthetic rubbers; basic organic chemicals, other synthetic organic chemicals and chemical intermediates

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