



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

Environmental Planning Coordination Organization (EPCO)  
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No: 5030 /SEIAA/2017

Date: 18.1.17

To,  
by Mr. Anil Satwani- Managing Director  
Symbiotec Pharmalab Pvt. Limited,  
385 / 2, Pigdamber,  
RAU - 453331, Indore,(M.P)

**Sub:- Case No 2640/2015:** Prior Environment Clearance for Proposed Expansion of Manufacturing of Bulk Drugs Steroids & Hormones) at Plot no : 3,5,6,7 & 8, Pharma Zone, Phase II, Indore Special Economic Zone, Pithampur, Dhar (Dist), M.P. Project area- 50257 sq. m. (Existing- 30390 sq.m Proposed- 19867 sq.m) Proposed Capacity 48 up to 1000 MT/year by Mr. Anil Satwani- Managing Director Symbiotec Pharmalab Pvt. Limited, 385 / 2, Pigdamber, RAU - 453331, Indore,(M.P) email: symbiotec@symbiotec.in Env. Cons. – Anacon Lab. Nagpur (M.S.)

**Ref:** Your application dtd. 25.03.2015 received in SEIAA office on 25.03.2015.

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 14<sup>th</sup> September 2006 and its amendments, on the basis of the mandatory documents enclosed with the application viz., Form I, pre-feasibility report, ToR, EIA Report, ppt. and additional clarifications furnished in response observations by the State Expert Appraisal Committee (SEAC) and State Environment Impact Assessment Authority (SEIAA) constituted by the competent Authority.

- (i) The proposed project is expansion of Manufacturing of Bulk Drugs Steroids & Hormones with production capacity of 48 up to 1000 MT/year. Earlier prior Environmental Clearance was granted by MoEF & CC (F.No.J-11011/935/2007-IA(II)), dated 06.06.08 due to absence of MPSEIAA) for 25 products with production capacity of 48.0 MTPA, which are as follows :-

S.No.	List of Products	Production Capacity (MTPA)
(1)	Hydrocortisone Hemisuccinate	20 MTPA
(2)	Prednisolone Acetate	
(3)	Prednisolone Sodium Phosphate	
(4)	Diolone Acetate	
(5)	16- Hydroxyprednisolone	
(6)	Budesonide	

Case No. 2640/2015

Issued vide letter no. 5030-31 dated 18.1.17

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



(7)	Betamethasone Dipropionate	
(8)	Betamethasone Valerate	
(9)	Clobetasol Propionate	
(10)	Fulmethasone	
(11)	Methylprednisolone Acetate	
(12)	Methylprednisolone Hemisuccinate	
(13)	Triamcinolone Acetonide	
<b>S.No.</b>	<b>List of Products</b>	<b>Production Capacity (MTPA)</b>
(1)	Hydrocortisone	18 MTPA
(2)	Prednisolone	
(3)	Methylprednisolone	
(4)	Betamethasone	
(5)	Dexamethasone	
(6)	8 DM	
(7)	DB XI	
<b>S.No.</b>	<b>List of Products</b>	<b>Production Capacity (MTPA)</b>
(1)	Ethinyl Estradiol	10 MTPA
(2)	Levonorgestrel	
(3)	Estradiol	
(4)	Estriol	
(5)	Allylestrenol	

- (ii) PP has now applied for Prior Environmental Clearance for Expansion for Manufacturing of Steroids and Hormones with a production capacity from 48 MTPA to 1000 MTPA are as follows :-

S.No.	Name of the Products	Production Capacity IN MTPA
(A) Starting material (Existing & Proposed )		
1.	HYDROCORTISONE (Also its intermediates & derivatives)	530 MTPA
2	PREDNISOLONE	
3	METHYLPREDNISOLONE (Also its intermediates & derivatives)	
4	BETAMETHASONE	
5	DEXAMETHASONE (Also its intermediates & derivatives)	
6	Alpha methyl epoxide / 8 DM	
7	BETA METHYL EPOXIDE / DB-11 / DB-XI	
8	H6 (DELTA 9,11 CORTEXOLONE ACETATE)	
9	ANDROSTENEDIONE (AD)	
10	17 ALPHA HYDROXYPROGESTERONE	
11	(21 Hydroxypregna-1,4,9(11)16-tetraene-3,20-dione 21-acetate) TETRANE ACETATE / 3TR	
12	9 - OH ANDROSTENEDIONE/ 9-OH- AD	
13	PREDNISONE (Also its intermediates & derivatives)	
14	ANDROSTADIENEDIONE (ADD)	
15	CORTISONE / CITOLACTONE	
(B) Hormones (Existing & Proposed )		
16	ETHINYL ESTRADIOL	
17	LEVONORGESTREL	
18	ESTRADIOL	
19	ESTRIOL	
20	ABIRATERONE ACETATE	
21	TESTOSTERONE (Also its intermediates & derivatives)	
22	DESOGESTRAL	
23	NORTHINDRONE/NORTHISTRONE	
24	FLURANDRENOLIDE/ FLUDROXY CORTIDE/ FLURANDRENOLONE	
25	CONJUGATED ESTROGENS	



26	DHDA (7,15,DIHYDROXY EPIANDROSERON )	260 MTPA	
27	DHEA / Dehydroepiandrosterone / PRASTERONE		
28	DROSPIRENONE		
29	ESTERIFIED ESTROGENS		
30	ESTRONE/ALLYLESTRENOL		
31	EXEMESTANE		
32	PROGESTERONE (Also its intermediates & derivatives)		
33	TESTOSTERONE CYPIONATE		
34	TESTOSTERONE DECANOATE		
35	TESTOSTERONE ENANTHATE		
36	TESTOSTERONE ISOCAPROATE		
37	TESTOSTERONE PHENYLPROPIONATE		
38	TESTOSTERONE PROPIONATE		
39	TESTOSTERONE UNDECANOATE		
40	ETHYNODIOL / DIACETATE ETHINYL		
41	MEGESTROL ACETATE / MEGESTROL		
42	METHYL TESTOSTERONE		
43	SPIRONOLACTONE		
44	NORETHISTERONE ACETATE / NORETHINDRONE ACETATE		
45	GESTODINE		
45	NANDROLONE DECANOATE		
47	NANDROLONE PHENYL PROPIONATE		
48	NORGESTRAL		
49	19- NORANDRESTONE DIONE / 19 - NOR - AD		
50	BOLDENONE (Also its intermediates & derivatives)		
51	DIFLUCORTOLONE VALERATE		
52	DUTASTERIDE		
53	FINASTERIDE		
54	FLUOCINOLONE ACETONIDE/ FLUOCINOLONE		
55	FULVESTRANT		
56	MIFEPRISTONE (Also its intermediates & derivatives)		
57	OXANDROLONE		
58	OXYMETHALONE		
59	STANZOLOL/ DANAZOL		
60	TRENBOLONE ACETATE		
61	EPIANDROSTERONE		
62	ESTRADIOL VALERATE		
63	BOLDENONE UNDECANATE		
64	CLOCORTONONE PIVALATE		
65	ANDROSTANALONE / DIHYDROTESTOSTERO / STANOLONE		
66	ESTRADIOL CYPIONATE		
67	FLUMETHASONE PIVALATE		
68	MEDROXY PROGESTERONE ACETATE		
69	DIFLORASONE DIACETATE		
<b>(C) Steroids (Existing &amp; Proposed )</b>			
70	HYDROCORTISONE HEMISUCCINATE		
71	PREDNISOLONE ACETATE		
72	PREDNISOLONE SODIUM PHOSPHATE		
73	DIOLONE ACETATE		
74	16-HYDROXPREDNISOLONE		
75	BUDESONIDE /DESONIDE		
76	BETAMETHASONE DIPROPIONATE		
77	BETAMETHASONE VALERATE		
78	CLOBETASOLE PROPIONATE		
79	FLUMETHASONE(BULK DRUG)		
80	METHYLPREDNISOLONE ACETATE		
81	METHYLPREDNISOLONE HEMISUCCINATE		
82	TRIAMCINOLONE ACETONIDE		
83	BECLOMETHASONE DIPROPIONATE		
84	CLOPREDNOL		
85	DESOXIMETASONE		
86	HALOBETASOL PROPIONATE		
87	HYDROCORTISONE SODIUM SUCCINATE		



88	METHYLPREDNISOLONE SODIUM SUCCINATE	210 MTPA
89	MOMETASONE FUROATE	
90	MOMETASONE FUROATE MONOHYDRATE	
91	BETAMETHSONE SODIUM PHOSPHATE	
92	BUDESONIDE /DESONIDE	
93	DEXAMETHASONE SODIUM PHOSPHATE	
94	HYDROCORTISONE ACETATE	
95	BETAMETHASONE ACETATE	
96	CLOBETASONE BUTYRATE	
97	FLUTICASONE FUROATE	
98	FLUTICASONE PROPIONATE	
99	Flucortlone Caproate/ Flucortolone Hexanoate	
100	FLUOROMETHOLONE	
101	HYDROCORTISONE VALERATE	
102	DEFLAZACORT	
103	HYDROCORTISONE SODIUM SUCCINATE FOR INJECTION for manufacturer use	
104	METHYLPREDNISOLONE SODIUM SUCCINATE FOR INJECTION for manufacturer's use	
105	FLUOCINONIDE	
106	HYDROXYPROGESTERONE CAPROATE/ HYDROXYPROGESTERONE HEXANOATE	
107	CORTISONE. ACETATE	
108	DEXAMETHASONE ACETATE	
109	HYDROCORTISONE BUTYRATE	
110	MOMETASONE EPOXIDE	
111	PREDNISOLONE HEMISUCCINATE	

- (iii) The proposed project is covered under 5 (f) category (B) of the schedule of EIA Notification issued by the Ministry of Environment & Forests vide S.O.1533 (E), dtd. 14.09.2006, hence is required to obtain prior EC.
- (iv) There is no interstate boundary within 10 km and no National Park / Sanctuary within the 5 km of the project area hence the general conditions are not attracted.
- (v) The total land area of the project is 50257 sq. m. (Existing- 30390 sq.m Proposed- 19867 sq.m). PP has submitted copy of lease deed dtd 15.09.2009 and land allotment letter from MPAKVN dtd. 06.08.07 & 31.12.13 including all existing and proposed area of the project.
- (vi) The Industry is operating in an old Industrial area which was notified prior to 2006 hence public hearing is exempted as per MoEF & CC, Gol OM dtd 10.12.14.
- (vii) The source of water supply is MPAKVN (Indore letter dtd 28.11.15 for supply of 800 KLD water). The total water requirement after expansion is 760 m3/d (Existing-140 KLD + Proposed- 620 KLD) & shall be used for Industrial process, utilities (boiler & cooling tower) and domestic purpose.
- (viii) The total waste water generation is 320 KLD (Existing - 102 KLD and proposed – 228 KLD). PP has proposed 500 KLD effluent treatment Plant for treatment of waste water.

PP has proposed "Zero effluent discharge" from the unit and assured 100% recycling. The water softening reject, boiler blow down reject and cooling blow down will be treated in ETP. Further treated waste water will go through the RO and finally re used/recycled in the process.



- (ix) It is noted that 10 TPH Boiler unit is already installed in the proposed area. PP has submitted permission letter to establish the installation of one Boiler of 10 TPH Capacity from MPPCB letter dtd. 28.10.14.
- (x) PP has proposed to dispose of the hazardous waste in the common TSDF site Ramky, Pitampur, Dhar. RO reject and other hazardous waste will be sent to MEE and the residue generated from the MEE will also be sent to TSDF site.
- (xi) It is proposed to dispose off other waste through authorized re-processors/refiners registered with CPCB/MPPCB which are as follows:-

Source	Name	Category	Mode of disposal
DG set	Spent oil	5.1	To be sold to authorized reprocessors /recycler
Effluent treatment plant	oil & grease	5.2	To be sold to authorized reprocessors/recycler
Solvent distillation	Distillation residue	20.3	TSDF, Pithampur, Dhar/Co-Processing
Drug manufacturing process	Other solid wastes(poly bags, hand gloves, tissue papers and butter papers)	28.1	TSDF, Pithampur, Dhar / Co-Processing
Drug manufacturing process	Spent mother liquor	28.1	TSDF, Pithampur, Dhar / Co-Processing
Drug manufacturing process	Spent carbon	28.2	TSDF, Pithampur, Dhar / Co-Processing
Drug manufacturing process	Date expired & off specification drugs	28.4	TSDF, Pithampur, Dhar
Drug manufacturing process	Spent solvents	28.5	Distillation and reuse or sale to authorized re-processor/recycler. distillation residue to TSDF, Pithampur
Drug manufacturing process	Discarded container	33.3	Sale to authorized traders after decontamination
Effluent treatment plant	ETP sludge/ Chemical sludge	34.3	TSDF, Pithampur, Dhar/Co-Processing

- (xii) The solid waste generated from the plant will be segregated for organics and inorganic. The organic waste will be used for composting whereas the inorganic waste will be sent to authorized recyclers.

- (xiii) For control of air pollution from boiler & DG sets, PP has proposed to provide suitable stack height as per CPCB norms to ensure proper dispersion of gases; Ambient air quality monitoring for PM<sub>10</sub>, PM<sub>2.5</sub>, SO<sub>2</sub>, NO<sub>x</sub>, CO, NH<sub>3</sub> and VOCs as stipulated by MPPCB / CPCB shall be done on regular basis. Regular stack monitoring, Maintenance of scrubbers & condensers will be also done on regular basis.

To reduce the fugitive emissions PP has proposed all loading and unloading operations will be carried out in closed and controlled conditions, air borne dust will be controlled through sprinkling of water at places, where there is possibility of dust generation and Proper ventilation system will be provided in the process area. For the safety of the workers, personal protective equipment (PPE) like hand gloves, helmets, safety shoes, goggles, aprons etc. will be provided.

- (xiv) For firefighting measure PP has proposed to provide fire extinguishers, hydrant system and fire. PP has also proposed Fire detection, heat detection, and alarm system to detect fire/heat/smoke in the vulnerable areas of the plant.



- (xv) The total power requirement is 9 KW (Existing - 4MW + Proposed- 5MW) and the source of power supply is MPAKVN .
- (xvi) For green area development PP has submitted total area of the project as 50257 sq.m, (5.0257 Ha.) out of which 30390 sq.m (3.039 Ha)) is existing and 19867 sq.m (1.9867 Ha.) is acquired for proposed activities. The plantation and green belt will be developed in 16585sq.mt (1.6585 Ha.) which is (33%). There is significant availability of space within the plant premises as well as additional land is provided by AKVN for green belt development adjacent to the plant site which is 67000 sqm and 18750 sqm.
- PP has proposed total 3500 sapling will be planted within 16585 sq.mt (1.6585 Ha.) area covering 33% of the plant premises. Moreover plantation will be carried out in the additional area provided by AKVN.
- (xvii) Under CSR activities PP has proposed Welfare activities, Providing transport facilities for local people, Drinking water, Supply of books and school materials in nearby villages and accordingly overall Rs. 40 lakhs will be made available to conduct social activities phase wise (yearly) for five years.

Based on the information submitted at Para i to xvii above and others, the State Level Environment Impact Assessment Authority (SEIAA) considered the case in its 397<sup>th</sup> meeting held on 24.12.16 and decided to accept the recommendations of SEAC meeting held on 280<sup>th</sup> dtd 31.08.16.

Hence, Prior Environmental Clearance is accorded under the provisions of EIA notification dtd. 14.09.06 & its amendments to the proposed Expansion of Manufacturing of Bulk Drugs Steroids & Hormones) at Plot no : 3,5,6,7 & 8, Pharma Zone, Phase II, Indore Special Economic Zone, Pithampur, Dhar (Dist), M.P. Project area- 50257 sq. m. (Existing- 30390 sq.m Proposed- 19867 sq.m) Proposed Capacity 48 up to 1000 MT/year by Mr. Anil Satwani- Managing Director Symbiotec Pharmed Pvt. Limited, 385 / 2, Pigdambar, RAU - 453331, Indore,(M.P) subject to the compliance of the Standard Conditions enclosed at Annex-I and the following additional Specific Conditions as recommended by SEIAA & SEAC in its meetings.

**A. Specific Conditions as recommended by SEIAA**

1. PP should ensure the implementation of the observations of MOEF & CC RO, Bhopal report dtd 18.11.2015.
2. PP should ensure the implementation of the stipulated conditions imposed by MPPCB in letter dtd. 28.10.14 for installation of 10 TPH boiler.
3. The entire demand of fresh water should be met through MPAKVN as committed in letter dtd. 28.11.15
4. Fresh water should not be used for Irrigation and gardening purpose.
5. **Waste water:**
  - (a) PP should ensure "Zero effluent discharge" from the unit by 100% recycling. The water softening reject, boiler blow down reject and cooling blow down will be treated in ETP. Further treated waste water will go through the RO and finally re used/recycled in the process and unused waste water evaporate in MEE.



- (b) RO and MEE should be provided for treatment of high COD waste streams and only in case of emergency/breakdown high COD wastes should be disposed off through CTSDf, Pithampur, Dhar.

**6. 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) High efficient four stage ventury scrubber should be provided.
- (h) Transportation of raw material and finished goods should be carried out in covered trucks.
- (i) Company shall carry out the HAZOP study and report shall be submitted to ministry MoEF & CC Regional Office, Bhopal.
- (j) 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 95%.
  - 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.

**7. 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) Ensure collection & treatment of spillages, if any.
- (h) All necessary precautionary measures shall be taken to avoid any kind of accident during storage and handling of hazardous chemicals.

#### 8. Green Belt Development:

- (a) PP should ensure plantation as proposed in land provided by AKVN for green belt development adjacent to the plant site which is 67000 sqm and 18750 sqm.
  - (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.
9. 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.
10. PP should obtain fire NOC from the competent authority before commencing the operation of the unit.
11. PP should ensure installation of photovoltaic cells (solar energy) for lighting in common areas, LED light fixtures and energy efficient equipments.
12. PP should ensure the implementation of CSR activities to the extent of Rs. 40 lacs up to five years on regular basis in consultation with Collector, Dhar. PP should identify the skill up-gradation training programs required for employing the local people in the proposed unit.
13. 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 addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.

14. 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.
15. 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.
16. All other conditions as laid in the earlier EC and the consents of MPPCB shall be applicable.

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

17. All vents from the exhausts of the processes shall be connected to a scrubbing system and the scrubbing media shall be treated through the effluent treatment plant. Solvent stripper should be provided with the ETP.
18. RO and MEE should be provided for treatment of high COD waste streams.
19. In case of emergency/breakdown, high COD wastes should be disposed off through CTSD, Pithampur, Dhar.
20. Log-books shall be maintained for disposal of all types hazardous wastes and shall be submitted with the compliance report.
21. Dedicated power supply shall be ensured for uninterrupted operations of treatment systems.
22. 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 and the Public Liability Insurance Act for handling of hazardous chemicals etc.
23. Water intensive green area including thick green-belt as proposed shall be developed in consultation with the forest department as per the guidelines of CPCB.
24. PP should also explore the possibility of green belt development outside the plant premises in consultation with district authority.
25. VOC's shall be regularly monitored in the work zone in the plant along with the other parameters and data shall be submitted to MPPCB and R.O of MoEF&CC.
26. 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.
27. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
28. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.



29. 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 addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.


  
(Anupam Rajan)  
Member Secretary

Endt No. <sup>5031</sup> / SEIAA/ 2017  
Copy to:-

Dated 18.1.17

- (1). Principal Secretary, Urban Development & Environment Deptt. 3rd Floor, Mantralaya Vallabh Bhawan, Bhopal.
- (2). Secretary, SEAC, Research and Development Wing Madhya Pradesh Pollution Control Board, Paryavaran Parisar, E-5, Arera Colony Bhopal-462016.
- (3). Member Secretary, MPPCB, Paryavaran Parisar, E-5, Arera Colony, Bhopal-462016.
- (4). The Collector, District Dhar, M.P.
- (5). Managing Director, M.P. Audyogik Kendra Vikas Nigam (Indore) Limited, Free Press House First Floor, 3/54 Press Complex, Agra-Mumbai Highway Indore(M.P).
- (6). Director, I.A. Division, Monitoring Cell, MoEF, Gol, Ministry of Environment & Forest Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi - 110 003
- (7). Director (S), Regional office of the MOEF, (Western Region), Kendriya Paryavaran Bhawan, Link Road No. 3, Ravi Shankar Nagar, Bhopal-462016.
- (8). Guard file.

Encl: Standard Conditions (Annex-I)

  
(Dr. Sanjeev Sachdev)  
Officer-in-Charge



**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-462016


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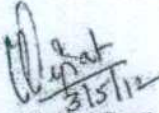
Annex-I

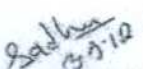
**Standard Conditions related to item 5 (f) of the schedule of EIA notification,  
2006**

**(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 gulland 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)

RECEIVED  
Dated: 23/5/2012

Issued Vide No. 5030-3/MAWPCO  
Dated: 18.1.12



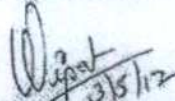
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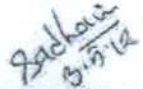
**State Environment Impact Assessment Authority, M.P.**

(Government of India, Ministry of Environment & Forests)  
Research and Development Wing, Madhya Pradesh Pollution Control Board,  
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

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

Issued Vide No. 243-144 NEPCO  
Dated 28/5/2012

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# State Environment Impact Assessment Authority, M.P.

(Government of India, Ministry of Environment & Forests)  
Research and Development Wing, Madhya Pradesh Pollution Control Board,  
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23. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained (as and when applicable), by the project proponent from the respective competent authorities.
24. The Regional Office, MoEF, 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 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, 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](http://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.

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

Issued Vide No. 2113-SEIAA/EPCO  
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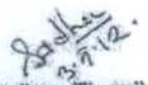
**State Environment Impact Assessment Authority, M.P.**

(Government of India, Ministry of Environment & Forests)  
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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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