

STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

No. SIA/MH/IND2/51683/2013
Environment Department
Room No. 217, 2nd Floor,
Mantralaya,
Mumbai- 400032.
Date: 31.03.2020.

To
M/s.Sudarshan Chemical Industries Ltd.,
at Plot No. 46, 44, 44(p), 45 & 46 MIDC Dhatav,
Roha, Raigad.

Subject : Environment Clearance for proposed Change in Product Mix/ Process Change & CPP Installation in Existing Synthetic Organic Chemicals Manufacturing unit at Plot No. 46, 44, 44(p), 45 & 46 MIDC Dhatav, Roha, Raigad by M/s. Sudarshan Chemical Industries Ltd.

Reference : Application no. SIA/MH/IND2/51683/2013

This has reference to your communication on the above mentioned subject. The proposal was considered by the SEAC-1 in its 181st meeting under screening category 5(f) as per EIA Notification, 2006 and recommend to SEIAA. Proposal then considered in 194th meeting of State Level Environment Impact Assessment Authority (SEIAA).

2. **Brief Information of the project submitted by you is as below:-**

- PP obtained earlier EC vide SEAC-2015/CR-86/TC-2 dated 25.01.2016. PP proposes following changes in their activities-
- Present manufacturing of pesticides like pesticide technical-5958 MT/A, Pesticides Formulation Liquid - 5000 KL/A and Pesticides Formulation Solid - 1200 MT/A will be discontinued.
- The generation of Phosphoric Acid or Di-calcium Phosphate will increase from 3000 MT/A to 14580 MT/A and 4800 MT/A to 23328 MT/A respectively.
- Capacity of Co-generation plant will be increased from 10 MW to 20 MW.
- The changes in the quantity of hazardous waste will be as below,
 1. Used/Spent Oil will increase from 21.6 KLPA to 24 KLPA
 2. Discarded Asbestos/AC sheets will remain same as 11 MTPA
 3. Spent Solvent will remain same as 5500 MTPM
 4. Distillation Residue will remain same as 36 MTPA
 5. Process waste sludge/residues from pigment manufacture will remain same as 35 MTPA
 6. Process Residue (Waste salt, waste super cell) will remain same as 40 MTPA
 7. Decontamination Residue will remain same as 1 MTPA
 8. Discarded containers/barrels will remain same as 20000 Nos.
 9. Discarded liners will remain same as 40 MTPA

10. Fibre drums/materials will remain same as 2 MTPA
 11. Flue gas cleaning residue will remain same as 6 MTPA
 12. Spent ion exchange residue will remain same as 0.5 MTPA
 13. Chemical Sludge from waste water treatment will increase from 5000 MTPA to 7000 MTPA
 14. Solid Waste from MEE will remain same as 5600 MTPA
 15. Filter Cloth (Contaminated) will remain same as 31 MTPA
 16. Used batteries other than lead acid will remain same as 400 KGPA
 17. Date expired and off specification pesticides 4 KLPA will be removed from the hazardous waste list.
 18. As from incineration of Hazardous Waste will remain same as 8 MTPA
 19. Spent carbon will remain same as 3 MTPA
 20. Spent Catalyst will remain same as 8 MTPA.
- The non-hazardous waste Mica waste Dry - 5000 MTPA will be removed and Mica waste liquid - 1250 MTPA will be added in the list.
 - Also Excess bio mass from ETP will change from 100 MTPA to 200 MTPA.
 - PP proposes to install two boilers having capacity 62 TPH & 28 TPH with the provision of ESP and stack height of 69 meters and 54 meters respectively.
 - The coal consumption will increase from 510 MTPD to 940 MTPD. PP to use coal having ash content less than 10% and SO₂ less than 0.5%
 - PP proposes to use Indonesian Coal having less than 6% ash content.
 - The water consumption will be increased from 12580 CMD to 23978 CMD and effluent generation will be increased from 10713CMD to 20099 CMD.
 - The total plot area is 361345.75 m². PP agreed to develop green belt on the periphery of the plot covering 33% area that is 119626.35. PP to plant 2737 indigenous trees in the green belt.

3. The proposal has been considered by SEIAA in its 194th meeting and decided to accord Environment Clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implantation of following terms and conditions-

Specific Conditions:

- I. PP to ensure that, treated water to be discharged at CETP outlet.
- II. PP to submit to the SEIAA, a copy of certified compliance of the earlier EC No. SEAC-2015/CR-86/TC-2 dated 25.01.2016 obtained from the Regional Office of MoEF&CC, Nagpur.
- III. PP to ensure that CER plan gets approved from Municipal Commissioner/District Collector.
- IV. PP to ensure to comply with the conditions stipulated in the Office Memorandum issued by MoEF& CC dated 9th August, 2018.

General Conditions:

- I. No additional land shall be used /acquired for any activity of the project without obtaining proper permission.

- II. PP to take utmost precaution for the health and safety of the people working in the unit as also for protecting the environment.
- III. Proper Housekeeping programmers shall be implemented.
- IV. In the event of the failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieved.
- V. A stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollutant from DG set. (If applicable).
- VI. A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.
- VII. Arrangement shall be made that effluent and storm water does not get mixed.
- VIII. Periodic monitoring of ground water shall be undertaken and results analysed to ascertain any change in the quality of water. Results shall be regularly submitted to the Maharashtra Pollution Control Board.
- IX. Noise level shall be maintained as per standards. For people working in the high noise area, requisite personal protective equipment like earplugs etc. shall be provided.
- X. The overall noise levels in and around the plant shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures, etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989.
- XI. Green belt shall be developed & maintained around the plant periphery. Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
- XII. Adequate safety measures shall be provided to limit the risk zone within the plant boundary, in case of an accident. Leak detection devices shall also be installed at strategic places for early detection and warning.
- XIII. Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per Factories Act. XV (The Company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling).
- XIV. The project authorities must strictly comply with the rules and regulations with regard to handling and disposal of hazardous wastes in accordance with the Hazardous Waste (Management and Handling) Rules, 2003 (amended). Authorization from the MPCB shall be obtained for collections/treatment/storage/disposal of hazardous wastes.
- XV. Regular mock drills for the on-site emergency management plan shall be carried out. Implementation of changes / improvements required, if any, in the on-site management plan shall be ensured.
- XVI. A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
- XVII. Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall

not be diverted for other purposes and year-wise expenditure should reported to the MPCB & this department.

- XVIII. The project management shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at <http://parivesh.nic.in>.
- XIX. Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1st June & 1st December of each calendar year.
- XX. A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
- XXI. 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 sectorai 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.
- XXII. The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.
- XXIII. 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 respective Regional Offices of MoEF by e-mail.
4. The environmental clearance is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act.
5. In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environment clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.
6. The Environment department reserves the right to add any stringent condition or to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.
7. Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, amended time to time.

8. In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.
9. The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.
10. Any appeal against this Environment clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1st Floor, D-Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.


Anil Diggikar
(Member Secretary, SEIAA)

Copy to:

1. Shri Johny Joseph, Chairman, SEIAA.
2. Secretary, MoEF & CC
3. IA- Division MOEF & CC
4. Member Secretary, Maharashtra Pollution Control Board, Mumbai.
5. Regional Office MoEF & CC, Nagpur
6. District Collector, Raigad.
7. Regional Officer, Maharashtra Pollution Control Board, Raigad.