

A.A.DOLTI
MEMBER SECRETARY
SEIAA (GUJARAT)



Government of Gujarat

STATE LEVEL ENVIRONMENT
IMPACT ASSESSMENT
AUTHORITY
GUJARAT

No. SEIAA/GUJ/EC/5(f)/ 168 /2013

Date: 15 JUL 2013
Time Limit

Sub: Environment Clearance for - M/s. Kenil Polymers for setting up of proposed resin manufacturing unit at Plot No. 1406, Phase-II, GIDC Chhatral, Tal. Kalol, Dist. Gandhinagar..... in Category 5 (f) of Schedule annexed with EIA Notification dated 14/9/2006.

Dear Sir,

This has reference to your application along with Form-I vide letter dated 16/03/2013, submitted to the SEAC, seeking Environmental Clearance under Environment Impact Assessment Notification, 2006.

The proposal is for Environmental Clearance for - M/s. Kenil Polymers for setting up of proposed resin manufacturing unit at Plot No. 1406, Phase-II, GIDC Chhatral, Tal. Kalol, Dist. Gandhinagar. The project proponent has applied for manufacturing following product, which falls in the category-5(f) of the schedule of the EIA Notification-2006:

Sr. No.	Product	Quantity
1	Polyester Resins	500 MT/Month

As the proposed project is situated in the notified industrial estate, it falls in Category B as per the schedule of the EIA Notification-2006.

The project activity is covered in 5(f) and is of 'B' Category. Since, the proposed project is located in the notified industrial area, public consultation is not required as per paragraph 7(i) (III) (i) (b) of the Environment Impact Assessment Notification-2006.

The SEAC, Gujarat had recommended to the SEIAA, Gujarat, to grant the Environment Clearance to this project for the above-mentioned project. The proposal was considered by SEIAA, Gujarat in its meeting held on 10.07.2013 at Gandhinagar. Since the public consultation is not required for the project, the SEIAA hereby accords Environmental Clearance to above project under the provisions of EIA Notification dated 14th September, 2006 subject to the compliance of the following conditions.

SPECIFIC CONDITIONS:

A.1 WATER:

1. Fresh water requirement for the project shall be 1000 liter per day and it will be sourced from the GIDC water supply. No ground water shall be tapped for the project requirements.
2. Generation of industrial effluent (i.e. condensate water) shall not exceed 600 liter per day.
3. High TDS effluent and low TDS effluent shall be segregated and collected in separate Collection cum Neutralization Tanks.
4. Primary treated low TDS effluent (approx. 300 liter per day) shall be reused as cooling make up whereas primary treated high TDS effluent (approx. 300 liter per day) shall be completely evaporated. Hence, there shall be no industrial effluent discharge from the unit.
5. The unit shall provide ETP and Evaporator of adequate capacity as proposed. The ETP and Evaporator shall be operated regularly and efficiently so as to ensure zero discharge status all the time.
6. The domestic wastewater generation shall not exceed 350 liter per day and it shall be disposed off through septic tank - soak pit.
7. The unit shall join and participate financially and technically for any common environmental facility / infrastructure, as and when the same is taken up either by the GIDC or GPCB or any such authority created for this purpose by the Govt. / GIDC.

A.2 AIR:

8. There shall be no process gas emission from the unit.
9. LDO to the tune of 20 Lit/Hour shall be used as fuel in Thermic Fluid Heater and adequate stack height as per the prevailing norms shall be provided.
10. Diesel to the tune of 7 Lit/Hr shall be used as a fuel in D. G. Set (65 KVA) proposed as standby power source and adequate stack height as per the prevailing norms shall be provided.

11. Flue gas emission shall conform to the standards prescribed by the GPCB at the stack outlets.
12. All the vessels used in the manufacturing process shall be closed to reduce the fugitive emission.
13. Fugitive emission in the work zone environment, product and raw materials storage area etc. shall be monitored. The emission shall conform to the standards prescribed by the concerned authorities from time to time.
14. For control of fugitive emission, VOCs, following steps shall be followed :
 - a. Closed handling and charging system shall be provided for chemicals.
 - b. Reflux condenser shall be provided over Reactors.
 - c. Pumps shall be provided with mechanical seals to prevent leakages.
 - d. System of leak detection and repair of pump/pipeline based on preventive maintenance.

A.3 SOLID / HAZARDOUS WASTE:

15. The company shall strictly comply with the rules and regulations with regards to handling and disposal of Hazardous waste in accordance with the Hazardous Waste (Management, Handling and Transboundary Movement) Rules 2008, as may be amended from time to time. Authorization from the GPCB must be obtained for collection / treatment / storage / disposal of hazardous wastes.
16. The hazardous wastes shall be stored in separate designated hazardous waste storage facility with pucca bottom and leachate collection facility, before its disposal.
17. ETP sludge and evaporation residue shall be disposed off at the nearest TSDF / common hazardous waste incineration facility based on its characteristics. The unit shall obtain necessary permission from the TSDF / common hazardous waste incineration facility for disposal of hazardous wastes
18. Discarded containers/drums/bags shall be either reused or sold to the authorized vendors.
19. Used oil shall be either reused in lubrication of the plant machineries or sold to the registered recyclers.

A.4 SAFETY:

20. The company shall strictly comply with the rules and regulations under Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 as amended.
21. Storage of flammable chemicals shall be kept sufficiently away from the production area.
22. Sufficient quantity of fire extinguishers shall be provided near the plant and storage area.
23. All necessary precautionary measures shall be taken to avoid any kind of accident during storage and handling of toxic / hazardous chemicals.
24. Only flame proof electrical fittings shall be provided in the plant premises.
25. Storage of hazardous chemicals shall be minimized and it shall be in multiple small capacity tanks / containers instead of one single large capacity tank / containers.
26. 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.
27. Handling and charging of the chemicals shall be done in closed manner by pumping or by vacuum transfer so that minimal human exposure occurs.
28. Tie up shall be done with nearby health care unit / doctor for seeking immediate medical attention in the case of emergency.
29. Personal Protective Equipments shall be provided to workers and its usage shall be ensured and supervised.
30. First Aid Box and required Antidotes for the chemicals used in the unit shall be made readily available in adequate quantity.
31. Training shall be imparted to all the workers on safety and health aspects of chemicals handling.
32. Occupational health surveillance of the workers shall be done and its records shall be maintained. Pre-employment and periodical medical examination for all the workers shall be undertaken as per the Factories Act & Rules.
33. Transportation of hazardous chemicals shall be done as per the provisions of the Motor Vehicle Act & Rules.

A.5 NOISE:

34. The overall noise level in and around the plant area shall be kept well within the standards by providing noise control measures including engineering controls like acoustic insulation hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise level shall conform to the standards prescribed under The Environment (Protection) Act, 1986 & Rules.

A.6 CLEANER PRODUCTION AND WASTE MINIMIZATION:

35. The company shall undertake various waste minimization measures including :
 - a. Metering and control of quantities of active ingredients to minimize waste.
 - b. Use of automated and enclosed filling to minimize spillage.
 - c. Use of close feed system into batch reactors.
 - d. Regular preventive maintenance for avoiding leakage, spillage etc.
 - e. Dry cleaning of floor with vacuum cleaner device instead of floor washing.
 - f. Regular preventive maintenance for avoiding leakage, spillage etc.

A.7 GREEN BELT AND OTHER PLANTATION:

36. Unit shall develop green belt within premises as per the CPCB guidelines. However, if the adequate land is not available within the premises, the unit shall take up adequate plantation on road sides and suitable open areas in GIDC estate or

any other open areas in consultation with the GIDC / GPCB and submit an action plan of plantation for next three years to the GPCB.

B. OTHER CONDITIONS:

37. 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.
38. During material transfer, spillages shall be avoided and garland drain be constructed to avoid mixing of accidental spillages with domestic wastewater or storm water.
39. Pucca flooring / impervious layer shall be provided in the work areas, chemical storage areas and chemical handling areas to minimize soil contamination.
40. Leakages from the pipes, pumps, shall be minimal and if occurs, shall be arrested promptly.
41. The project proponent shall also comply with any additional condition that may be imposed by the SEAC or the SEIAA or any other competent authority for the purpose of the environmental protection and management.
42. No further expansion or modifications in the plant likely to cause environmental impacts shall be carried out without obtaining prior Environment Clearance from the concerned authority.
43. The project authorities shall earmark adequate funds to implement the conditions stipulated by SEIAA as well as GPCB along with the implementation schedule for all the conditions stipulated herein. The funds so provided shall not be diverted for any other purpose.
44. The applicant shall inform the public that the project has been accorded environmental clearance by the SEIAA and that the copies of the clearance letter are available with the GPCB and may also be seen at the Website of SEIAA/ SEAC/ GPCB. This shall be advertised within seven days from the date of the clearance letter, in at least two local newspapers that are widely circulated in the region, one of which shall be in the Gujarati language and the other in English. A copy each of the same shall be forwarded to the concerned Regional Office of the Ministry.
45. It shall be mandatory for the project management to submit half-yearly compliance report in respect of the stipulated prior environmental clearance terms and conditions in hard and soft copies to the regulatory authority concerned, on 1st June and 1st December of each calendar year.
46. The project authorities shall also adhere to the stipulations made by the Gujarat Pollution Control Board.
47. The project authorities shall inform the GPCB, Regional Office of MoEF and SEIAA about the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.
48. The SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not found satisfactory.
49. The company in a time bound manner shall implement these conditions. The SEIAA reserves the right to stipulate additional conditions, if the same is found necessary. The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008 and the Public Liability Insurance Act, 1991 along with their amendments and rules.
50. This environmental clearance is valid for five years from the date of issue.
51. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

With regards,
Yours sincerely,

(A.A.DOLTI)

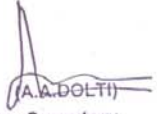
Member Secretary

Issued to:

Shri Mukeshkumar J. Patel, Partner,
Kenil Polymers,
5, Gopal Flats,
Opp. Madhav Road Society,
Ghatlodiya, Ahmedabad – 380 061.

Copy to:-

1. The Secretary, SEAC, C/O. G.P.C.B. Gandhinagar - 382010.
2. The Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD -cum-Office Complex, East Arjun Nagar, New Delhi-110032
3. The Chief Conservator of Forests (Central), Ministry of Environment & Forests, Regional Office (WZ), E-5, Arera Colony, Link Road-3, Bhopal-462016, MP
4. Monitoring Cell, Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi-110003.
5. The Member Secretary, Gujarat Pollution Control Board, Paryavaran Bhavan, Sector-10 A, Gandhinagar-382010
6. Select File


(A.A. DOLTI)
Member Secretary