

M. M. JOSHI
MEMBER SECRETARY
SEIAA (GUJARAT)



STATE LEVEL ENVIRONMENT
IMPACT ASSESSMENT
AUTHORITY
GUJARAT

Government of Gujarat

No. SEIAA/GUJ/EC/5(f)/283/2016

Date: 18 APR 2016

By R P A D

Time Limit

Sub: Environment Clearance to M/s. Venu Health Care, for setting up of proposed manufacturing unit of Synthetic Organic Chemicals at Survey no.153/p, B/h Umiya Weighbridge, Kadi Road, Village : Dhanot, Ta.: Kalol, Dist.: Gandhinagar..... In Category 5(f) of Schedule annexed with EIA Notification dated 14/09/2006.

Dear Sir,

This has reference to your application along with Form-I dated 05/09/2014 submitted to SEIAA, seeking Environmental Clearance under Environment Impact Assessment Notification, 2006 and additional information / documents submitted vide letter dated 16/02/2015, 16/06/2015 and 01/10/2015 to the SEAC.

The proposal is for Environmental Clearance to M/s. Venu Health Care, for setting up of proposed manufacturing unit of Synthetic Organic Chemicals at Survey no.153/p, B/h Umiya Weighbridge, Kadi Road, Village : Dhanot, Ta.: Kalol, Dist.: Gandhinagar. It is an proposed unit for manufacturing following products, which falls in the category - 5(f) of the schedule of the EIA Notification-2006:

Sr. no	List of product	Quantity, (MT/Month)
1.	Methyl Paraben(I.P/ B.P)	51.2
2.	Propyl Paraben (I.P/ B.P)	25.2
3.	Sodium Methyl Paraben (I.P/ B.P) *	40
4.	Sodium Propyl Paraben (I.P/ B.P) **	20

* Sodium Methyl Paraben (I.P/ B.P) shall be manufactured by using Methyl Paraben(I.P/ B.P) as a raw material.

** Sodium Propyl Paraben (I.P/ B.P) shall be manufactured by using Propyl Paraben (I.P/ B.P) as a raw material.

The project activity is covered in 5(f) and is of 'B' Category. Since, the proposed project is categorized as B2 Category, public consultation is not required as per paragraph 7(i) (III) (i) (e) of the Environment Impact Assessment Notification-2006.

The SEAC, Gujarat vide their letter dated 30/03/2016 had recommended to the SEIAA, Gujarat, to grant the Environment Clearance for the above-mentioned project based on its meeting held on 24/02/2016. The proposal was considered by SEIAA, Gujarat in its meeting held on 02/04/2016 at Gandhinagar. After careful consideration, 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.

A. CONDITIONS :

A. 1 SPECIFIC CONDITION :

1. Unit shall strictly comply the legal undertaking submitted vide letter no.NIL dated 16/02/2015. regarding small units as defined in the amendment to EIA Notification, 2006 vide SO 1599 (E) dated 25/06/2014.
2. Isolated storage and industrial activity at a site handling (including transport through carrier or pipeline) of hazardous chemicals shall not equal to or, in excess of the threshold quantities specified in the Management, Storage, Import of Hazardous Chemical (MSIHC) Rules, 1989 for Major Accident Hazards (MAH) installations.
3. Entire quantity of effluent to be generated from the proposed production shall be completely evaporated and shall not be discharge/sent outside the premises in any case.
4. Effective evaporation system shall be designed in such a way to strip or absorb the VOCs and effective stack height shall be provided to the evaporation system. Evaporation residue shall be either reused in process or disposed off at TSDF/CHWIF depending on its characteristic.

A. 2 WATER :

5. Water consumption shall not exceed 5.89 KL/day. Unit shall recycle 0.65 KL/day of recovered water. Hence, fresh water requirement for the project shall be 5.24 KL/Day and it shall be sourced through road tankers.
6. The water meter shall be installed and records of daily and monthly water consumption shall be maintained. No ground water shall be tapped for the project requirements in any case.
7. Domestic wastewater generation shall not exceed 0.77 KL/Day and it shall be disposed off through septic tank - soak pit.

8. Industrial effluent shall not exceed 0.98 KL/Day. Industrial effluent shall be treated in the effluent treatment plant (ETP) consisting of solvent stripper & Primary treatment with Photo Fenton Process followed by Evaporator.
9. The unit shall provide adequate stripping system, effluent treatment plant (ETP) and evaporation system for evaporation of industrial effluent and it shall be operated regularly and efficiently so as to ensure zero discharge status all the time.
10. A separate electric meter shall be placed for the ETP and Evaporation system. Proper logbook of ETP and evaporator operation also showing chemicals consumed, effluent evaporated, power consumed etc. shall be maintained and furnished to the GPCB from time to time.
11. The unit shall provide metering facility at the inlet of the evaporation system and maintain records for the same.
12. 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 GPCB or any such authority created for this purpose by the Government / Association.
13. The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and use the same water for the process activities of the project to conserve fresh water.

A. 3 AIR:

14. Bio-Coal to the tune of 0.85 MT/day shall be used as a fuel in Steam Boiler (Cap. 0.5 TPH).
15. Stack of adequate height shall be provided as per the prevailing norms for flue gas emission.
16. Flue gas emission from the Boiler and any gaseous emissions from the evaporator shall conform to the standards prescribed by the GPCB. At no time, emission level should go beyond the stipulated standards.
17. There shall be no process emission from the unit.
18. All the reactors / vessels used in the manufacturing process shall be closed to reduce the fugitive emission.
19. Fugitive emission in the work zone environment 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.
20. 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. 4 SOLID / HAZARDOUS WASTE:

21. 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 of the GPCB must be obtained for collection / treatment / storage / disposal of hazardous wastes.
22. The hazardous wastes shall be stored in separate designated hazardous waste storage facility with pucca bottom and leachate collection facility, before its disposal.
23. ETP sludge shall be disposed off at the common TSDF site. Evaporation residue and shall be disposed off at TSDF/CHWIF depending on its characteristic.
24. Resin waste shall be reused in process or disposed off at TSDF/CHWIF depending on its characteristic.
25. The unit shall obtain membership of the common TSDF/CHWIF.
26. Discarded containers shall be either reused or returned back to raw material suppliers or sold to the authorized recyclers.
27. Used oil shall be sold only to the registered re-processors.
28. All possible efforts shall be made for Co-Processing of the Hazardous waste prior to disposal into TSDF/CHWIF.

A. 5 SAFETY:

29. The company shall strictly comply with the rules and regulations under Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 as amended.
30. Storage of flammable chemicals shall be sufficiently away from the production area.
31. Sufficient no. of fire extinguishers shall be provided near the plant and storage area.
32. All necessary precautionary measures shall be taken to avoid any kind of accident during storage and handling of toxic / hazardous chemicals.
33. Only flame proof electrical fittings shall be provided in the plant premises.
34. 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.
35. 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.
36. Handling and charging of the chemicals shall be done in closed manner by pumping or by vacuum transfer so that minimal human exposure occurs.
37. Tie up shall be done with nearby health care unit / doctor for seeking immediate medical attention in the case of emergency.

38. Personal Protective Equipments shall be provided to workers and its usage shall be ensured and supervised.
39. First Aid Box and required Antidotes for the chemicals used in the unit shall be made readily available in adequate quantity.
40. Training shall be imparted to all the workers on safety and health aspects of chemicals handling.
41. 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.
42. Transportation of hazardous chemicals shall be done as per the provisions of the Motor Vehicle Act & Rules.

A. 6 NOISE:

43. 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. 7 CLEANER PRODUCTION AND WASTE MINIMISATION:

44. 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 / mopping of floor instead of floor washing.
 - f) Regular preventive maintenance for avoiding leakage, spillage etc.

A. 8 GREEN BELT AND OTHER PLANTATION:


45. The 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:

46. 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.
47. During material transfer, spillages shall be avoided and gulland drain be constructed to avoid mixing of accidental spillages with domestic wastewater or storm water.
48. The project authorities must strictly adhere to the stipulations made by the Gujarat Pollution Control Board (GPCB), State Government and any statutory authority.
49. The project management shall ensure that unit complies with all the environment protection measures, risk mitigation measures and safeguards recommended in the EMP report and Risk Assessment Study report as well as proposed by project proponent.
50. Pucca flooring / impervious layer shall be provided in the work areas, chemical storage areas and chemical handling areas to minimize soil contamination.
51. Leakages from the pipes, pumps, shall be minimal and if occurs, shall be arrested promptly.
52. 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.
53. 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.
54. The project proponent shall comply all the conditions mentioned in "The Companies (Corporate Social Responsibility Policy) Rules, 2014" and its amendments from time to time in a letter and spirit.
55. The project management shall ensure that unit complies with all the environment protection measures, risk mitigation measures and safeguards recommended in the EMP report and Risk Assessment study report as well as proposed by project proponent.
56. 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.
57. 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.
58. 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.
 59. 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.
 60. 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.
 61. The project authorities shall also adhere to the stipulations made by the Gujarat Pollution Control Board.
 62. The SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not found satisfactory.
 63. 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.
 64. 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.
 65. This environmental clearance is valid for seven years from the date of issue.
 66. 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,



(M. M. JOSHI)
Member Secretary

Issued to:

Mr. Chirag J Dhamsania.
M/s: Venu Health Care,
✓ Vrundavan Society no. 4,
Part-1, B/h: Saraswati School,
Science City Road, Sola,
Ahmedabad.

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


(M. M. JOSHI)
Member Secretary