

STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

No.SIA/MH/IND2/50667/2006
Environment Department
Room No. 217, 2nd Floor,
Mantralaya,
Mumbai- 400032.
Date: 31.03.2020.

To
M/s.Natural Sugar and Allied Industries Ltd.,
Village Sainagar Ranjani, Tehsil Kalam,
District Osmanabad.

Subject : Environment Clearance for 60 KLPD distillery unit at Gut No. 290, 139, 284, 286, 289, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 340, 347, 348, 365 at Village Sainagar Ranjani, Tehsil Kalam, District Osmanabad by M/s.Natural Sugar and Allied Industries Ltd.

Reference : Application no. SIA/MH/IND2/50667/2006

This has reference to your communication on the above mentioned subject. The proposal was considered by the SEAC-1 in its 178th meeting under screening category 5(g) as per EIA Notification, 2006 and recommend to SEIAA. Proposal then considered in 191st meeting of State Level Environment Impact Assessment Authority (SEIAA).

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

- The ToR for proposed activity was granted by the EAC, MoEF&CC vide letter No. 23-103/2018 – IA. III (V) dated 10.09.2018 under violation category for expansion of distillery unit from 30 KLPD to 60 KLPD. The PP has now submitted EIA/EMP report for appraisal. The Public Hearing was carried out on 21.06.2019 and is included in the EIA report.
- The total plot area is 51.60 Ha. The project cost is Rs.57.23 Cr. PP proposes EMP cost of Rs. 30 Cr. as capital cost and Rs. 3.0 Cr. as recurring cost for O&M of environmental infrastructures. The unit will be operate for 330 days/Year.
- PP proposes to provide 0.75 MW solar energy on site.
- PP proposes to manufacture following products.
- Rectified Spirit/ ENA/Ethanol – 60 KLPD
- PP informed that, the total water requirement will be 929 KLD of which fresh water requirement will be 390 KLD which will be lifted from the Manjra River and 539 KLD treated waste water will recycled in the process. PP has been granted water lifting permission from the Water Resources Department.
- The trade effluent generation from proposed 60 KLPD distillery unit will be 539 KLD will be generated from cooling blow down, boiler blow down, lab & wash and DM back wash, MEE condensate, spent less and raw spent wash generation will be 480 KLD which will be treated in the MEE and further formed concentrated spent wash 96 KLD will be incinerated in the incineration boiler.

- PP further informed that, the estimated quantity of carbon di oxide generation is 46 MT/Day which will be cleaned, compressed and bottled and supplied to the manufactures of beverages etc.
- PP proposes Electrostatic Precipitator followed by bag filter with 60 meter stack height as air pollution control measures for existing 20 TPH boiler.
- The ash generation from proposed 20 TPH incineration boiler will be 28 MT/Day which will be used for brick manufacturing.
- PP also proposes to adopt measures like good housekeeping, sludge management in biological processes, steaming of major pipelines, regular use of bleaching powder etc. to control the odour problem.
- PP agreed to develop green belt over an area of 26.7 ha. (51.7 % of total plot area) by planting 25000 nos. of indigenous trees with provision of drip irrigation.
- PP to plan and implement their CER fund to create sustainable infrastructure like clean drinking water, sanitation facilities, solar energy in the Z.P. Schools/ Primary Health Centres in the study area of the project in consultation with the District Authority.

3. The proposal has been considered by SEIAA in its 191st 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 install bottling plant for collection of carbon dioxide gas generated in the process. PP to ensure that, no carbon di oxide shall be released to the atmosphere.
- II. PP to ensure to use biogas (methane) as a fuel to the boiler. No methane shall be released to the atmosphere.
- III. PP to carry out physio chemical analysis of the ETP sludge and obtain approval from the Agriculture Department for its suitability to be used as manure.
- IV. PP to ensure close storage of all the raw material and waste material so as to avoid odour nuisance.
- V. PP to submit a bank guarantee of Rs.167.17 lakhs (Rs. 1.67 Crores) to Maharashtra Pollution Control Board towards effective implementation of the EMP comprising remediation plan and Natural and Community Resource augmentation Plan.
- VI. PP to submit CER as applicable as per MOEF & CC circular dated 1.5.2018 in consultation with Municipal Corporation.
- VII. PP to ensure to comply with the conditions stipulated in the Office Memorandum issued by MoEF& CC dated 9th August, 2018.

General Conditions:

- I. PP to achieve Zero Liquid Discharge ; PP shall ensure that there is no increase in the effluent load to CETP.
- II. No additional land shall be used /acquired for any activity of the project without obtaining proper permission.
- III. PP to take utmost precaution for the health and safety of the people working in the unit as also for protecting the environment.

- IV. Proper Housekeeping programmers shall be implemented.
- V. 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.
- VI. A stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollutant from DG set. (If applicable).
- VII. A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.
- VIII. Arrangement shall be made that effluent and storm water does not get mixed.
- IX. 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.
- X. 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.
- XI. 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.
- XII. 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.
- XIII. 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.
- XIV. 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.
- XV. 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.
- XVI. 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.
- XVII. A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
- XVIII. Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These costs 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 be reported to the MPCB & this department.

- XIX. 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>.
- XX. 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.
- XXI. 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.
- XXII. 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 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.
- XXIII. 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.
- XXIV. 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, Osmanabad.
7. Regional Officer, Maharashtra Pollution Control Board, Aurangabad.