

GOVERNMENT OF KARNATAKA

No. FEE 123 ECO 2008

Karnataka Government Secretariat,
M.S. Building
Bangalore, dated: 16.06.2010.

From,

Secretary to Government,
(Ecology and Environment)
Forest Ecology and Environment Department.

To,

M/s. Gem Sugars Ltd.,
120, Hoodi Apartments,
Cunningham Road,
Bangalore -560 052.

Sir,

Sub:- Issue of Environmental Clearance for expansion of sugar crushing capacity of sugar industry from 4000 TCD to 6500 TCD and renewal of environmental clearance for 22.5 MW co-generation plant at Sy. No. 127 to 134 of Kundargi Village and Sy. No. 325 to 328 of Arakeri Village, Bilagi Taluk, Bagalkot District of M/s. Gem Sugars Ltd -reg.

- Ref:-
1. Your application No. GSL/CEF/2008-09 dated: 23.07.2008.
 2. Government letter No. FEE 61 ECO 2000 dated 30.09.2000.
 3. Proceedings of State Environmental Clearance Committee Meeting held on 02.09.2009.

M/s. Gem Sugars Ltd., have submitted the application for environmental clearance for expansion of sugar crushing capacity of sugar industry from 4000 TCD to 6500 TCD and renewal of environmental clearance issued vide letter at ref. (2) above for 22.5 MW co-generation plant at Sy. No. 127 to 134 of Kundargi Village and Sy. No. 325 to 328 of Arakeri Village, Bilagi Taluk, Bagalkot District.

The Karnataka State Pollution Control Board has issued Consent for establishment vide No. CFE-NEIA/GEM-SUG/2006-2007/1070 dated 28.06.2006.

On-site Emergency Plan approved by the Factories and Boilers Department vide their approval letter No. CSMC/MAHC/CR-129/05-06/7583 dated 23.01.2006.

The subject was discussed in the State Environmental Clearance Committee meeting held on 02.09.2009. Various documents produced by the industry such as Project report, Consent for establishment, On-site Emergency Plan and other connected documents were verified in detail. After discussion, the Committee decided to issue Environmental Clearance to the project.

Hence, Environmental Clearance is accorded to M/s. Gem Sugars Ltd., for expansion of sugar crushing capacity of sugar industry from 4000 TCD to 6500 TCD and renewal of environmental clearance for 22.5 MW co-generation plant at Sy. No. 127 to 134 of Kundargi Village and Sy. No. 325 to 328 of Arakeri Village, Bilagi Taluk, Bagalkot District. subject to the following conditions: -

- 1) strictly follow the CFE/CFO conditions issued by the KSPCB..
- 2) strictly follow the conditions of on-site emergency plan approved by the Department of Factories & Boilers.
- 3) Ensure interlocking arrangement for ESP with separate electric meter should be provided. Daily log book for the electric meter reading should be maintained and monthly extract to be submitted to Regional Director (Environment) Ecology and Environment Department, Belgaum and Regional Office, KSPCB, Belgaum.
- 4) dispose solid waste in a scientific manner without causing underground and surface water pollution directly or indirectly.
- 5) adopt rainwater harvesting in the industry within the next 6 months and submit compliance report.
- 6) not discharge wastewater outside the premises of the industry and details of disposal plan should be submitted within 3 months. Use STP/ETP treated water for sugarcane seed farm/ gardening and for toilet flushing and separate pipelines should be laid for the purpose
- 7) earmark 33% of the project land for green belt and afforest with tree species like: Neem, Alstonia scholaris, Saraca indica, Acacia auricaliformis, Mahgoni, Madhuka indica, Silver oak, Pongamia, Simaruba glauca, etc within 6 months and submit compliance report.
- 8) utilize solar power for street lighting, common areas lighting and water heating in the industry and also ensure replacement of conventional electric bulbs with CFL within 6 months and submit report.
- 9) submit a report on the details of health checkup programmes conducted to the Director, Factories & Boilers Department immediately. In future a quarterly report should be submitted in this regard.
- 10) comply with all the environmental protection measures incorporated in the EMP. Utilization of land shall be restricted to 35 acres which is already in possession of the project authorities.
- 11) use only bagasse as fuel.
- 12) ensure 100% utilization of ash from the date of operation of the plant. Ash may also be mixed with press mud and composted and used as manure/ given to farmers.
- 13) meet water requirement from the existing available water allocation. No ground water shall be drawn for the power plant at any stage.

- 14) ensure installation of dust extraction and suppression system and water sprinklers for controlling fugitive dust during transport of material and in vulnerable areas of the plant.
- 15) limit noise level to 75 dBA. For people working in high noise area, requisite personal protective equipment like earplugs, etc. shall be provided.
- 16) regularly carry out the air and water quality monitoring in and around the power plant and records be maintained. Six monthly reports shall be submitted to this Department.
- 17) set up a separate environment management cell with qualified staff for implementation of the stipulated environmental safeguards.
- 18) allocate separate funds for implementation of Environmental protection measures along with item-wise break-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 shall be reported to this Department and the Regional Director (Environment), Belgaum.
- 19) inform this Department and the Regional Director (Environment), Ecology and Environment Department, Belgaum regarding the date of financial closure and final approval of the project by the concerned authorities and the dates of start of land development work and commissioning of plant.
- 20) make a fresh reference to the Department to assess the adequacy of the condition(s) imposed and to add additional environmental protection required, if any, in case of fresh proposal for any deviation or alteration in the project proposed from those submitted to this Department for clearance
- 21) obtain all other statutory clearances /permissions required to be taken by the company
- 22) submit six monthly compliance report to these conditions to the Department without fail.
- 23) display the conditions prominently at the entrance of the project on a suitable size board for the information of the public.
- 24) maintain the road from project site to main road.
- 25) execute social commitment plan as committed vide letter dated 28.10.2009 with a budget not less than Rs. 34.4 lakhs and submit the report to the Department.

II). General Conditions:

1. The Department of Environment and Ecology, Government of Karnataka reserves the right to withdraw this EC subject to any change in the policy by the Government.
2. This EC does not confer any right to the proponent on the site proposed for the project.

3. The Department of Environment and Ecology, Government of Karnataka; and the Regional Office, KSPCB, will monitor the implementation of the stipulated conditions. A complete set of documents including The Environmental Impact Assessment Report and the Environment Management Plan along with the additional information submitted from time to time shall be forwarded to the Regional Office for their use during monitoring.
4. The Karnataka State Pollution Control Board should display a copy of the clearance letter at the Regional office, District Industry Centre and Deputy Commissioner's office/ Tahsildar's Office for 30 days.
5. In case of any deviation or alteration in the project proposal from that of the proposal submitted for EC, a fresh reference shall be made to this Department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.
6. The project authorities should advertise at least in two local newspapers widely circulated in the State, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the EC letter informing that the project has been accorded EC and a copy of the clearance letter is available with the State Pollution Control Board.
7. The above stipulations shall be enforced along with other relevant laws as under, the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, The Manufacture, Storage and Import of Hazardous Chemical Rules, 1989, Hazardous Wastes (Management and Handling) Rules, 1989, the Public Liability Insurance Act, 1991 and Rules there under and the Environment Impact Assessment Notification, 2006.
8. The Department of Environment and Ecology, Government of Karnataka reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the Department.
9. Fugitive dust emission from all the sources shall be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points shall be provided and properly maintained.
10. Measures shall be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc., shall be provided with ear plugs/muffs.
11. Personnel working in dusty areas shall be provided with protective respiratory devices and they shall also be imparted adequate training and information on safety and health aspects.
12. The Ecology and Environment Department or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
13. 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.

14. The issuance of Environment Clearance doesn't confer any right to the project proponent to operate/run the project without obtaining Statutory clearances/sanctions from all other concerned authorities.
15. The Environmental clearance shall be valid and would require amendments only in case of changes relating to process, operation, product or capacity. If these are envisaged then proponent shall apply afresh and obtain environmental clearance.

Yours faithfully,

B. Manohar

(B. MANOHAR) 16/6/2010.

Under Secretary to Government,

(Ecology and Environment)

Forest, Ecology and Environment Department.

Copy to,

1. Member Secretary, Karnataka State Pollution Control Board, Parisara Bhavan, Church Street, Bangalore-560001.
2. Director, Factories & Boilers Department, Karmika Bhavan, 2nd Floor, Bannerghatta Road, Bangalore-560029.
3. Director, Industries & Commerce Department, Khanija Bhavan, Race Course Road, Bangalore-560001.
4. GPA to Secretary to Government, (Ecology & Environment), Forest, Ecology and Environment Department.
5. The Regional Director (Environmental), Department of Ecology and Environment, Government of Karnataka, Belgaum.
6. Senior Director, Technical Cell, Forest, Ecology and Environment Department.
7. Technical Cell
8. Guard file.