

No. J-11011/116/2002 - IA II (1)  
Government of India  
Ministry of Environment & Forests

Email: [plahutarai@yahoo.com](mailto:plahutarai@yahoo.com)

Tel No. 2436 3973  
Paryavaran Bhawan,  
CGO Complex, Lodi Road,  
New Delhi - 110 003  
Dated the February 21, 2003

To

The Managing Director  
M/s Sri Chamundeswari Sugars Limited,  
No.76, Ulsoor Road,  
Bangalore-560 042

**Sub: Distillery unit (50 KLPD) by M/s Sri Chamundeswari Sugars Limited at village KM Doddi Hebbani, District Mandya in Karnataka.**

Sir,

This has reference to your letter No. SCS.ENV.02/12 dated 2<sup>nd</sup> December, 2002 along with EIA/EMP report, CD and subsequent clarifications furnished vide your letters dated 27<sup>th</sup> December, 2002 and 24<sup>th</sup> January, 2003 on the above mentioned project. Ministry of Environment and Forests has examined the proposal. It is noted that proposal is for setting up of distillery unit of 50KLPD in district Mandya, Karnataka. Land area of the project is 12.42 ha. ( 1.09 ha for distillery unit and 11.33 ha. for bio-compost area). It is also noted that the compost area is located at a distance of 25km from the proposed project sites at Malavalli taluk of Mandya district. Project does not involve forest land and displacement of people. Water requirement of 950m<sup>3</sup>/d will be met from the ground water source. Permission from the State Government Authorities has been obtained.

The distillery unit would operate for 270 days. The unit would adopt continuous fermentation technology with reboiler system. Molasses and pressmud requirement would be met from its 5000TCD sugar unit. NOC from the KSPCB has been obtained on 8<sup>th</sup> November, 2002. Public hearing panel has considered the project in the meeting held on 31<sup>st</sup> July, 2002. Total cost of the project is Rs.18.95 crores.

2.0. The Ministry of Environment and Forests hereby accords environmental clearance to above expansion project under the provisions of EIA Notification dated 27<sup>th</sup> January, 1994 as amended subsequently subject to strict compliance of the following specific and general conditions:

**A. SPECIFIC CONDITIONS:**

- i. The industry should ensure that the treated effluent and stack emissions from the unit are within the norms stipulated under the EPA rules or SPCB whichever is more stringent. In case of process disturbances/failure of pollution control equipments adopted by the unit, the respective unit should be shut down and should not be restarted until the control measures are rectified to achieve the desired efficiency.
- ii. The company should adopt State of the Art continuous fermentation technology with reboiler system and ensure that the spent wash generated shall not exceed 8m<sup>3</sup>/kl of rectified spirit production.
- iii. As reflected in the Environmental Management Plan, the spent wash generated shall be treated with press mud. Land and other requirements for treatment of spent wash with pressmud should be as per the CPCB guidelines. The spent wash should be stored in Impervious lagoons. As stipulated by SPCB the spent wash shall be stored in the lagoons not more than two days.
- iv. As committed by the project authorities to the State Pollution Control Board vide its letter dated 23.09.2002 and to the Ministry, all the safeguards for transportation of spent wash from the distillery to the composting site should be followed. In addition to the condition stipulated by Karnataka State Pollution Control Board while granting NOC vide its letter No. KSPCB/CFE -CELL/DEO/AEO-2CSL/EIA -73/2002-2003/243 dated 8<sup>th</sup> November, 2002, following measures should be taken for transportation of spent wash from distillery to the compost site.
  - (a) The company should provide dedicated tankers (6 operating +2 standby of 20kl capacity each) for transportation of spent wash from the distillery unit to the bio-composting site.

The company should develop manifest system i.e. transporting documents originated and signed by the occupier. Occupier shall provide copies of the manifest as per the colour codes: Copy 1 (White) forwarded to the State Pollution Control Board by the occupier on daily basis, Copy 2 (light Yellow) signed by the transporter and retained by the occupier, Copy 3 (Pink) retained by the operator of composting facility, Copy 4 (Orange) returned to the transporter by the operator of facility after accepting spent wash, Copy 5 (Green) forwarded to State Pollution Control Board by the operator of facility after treatment of spent wash with pressmud and copy 6 (Blue) returned to the distillery unit by the operator of the compost yard facility. These documents should be sent on daily basis to the SPCB and monthly basis to the Regional Office of the Ministry.
  - (c) If due to certain reasons, the dedicated spent wash transportation system falls, the operation of distillery unit should be suspended.

- v. The company must monitor the soil and ground water quality in the composting and project area on a regular basis and submit half- yearly reports to SPCB and the Ministry.
- vi. The company should undertake rainwater harvesting measures as per action plan submitted to this Ministry.
- vii. As reflected in the EIA /EMP , green Belt of adequate width and density should be provided to mitigate the effects of fugitive emission all around the plant as per the CPCB guidelines in consultation with the local DFO.
- viii. Occupational health surveillance programme should be undertaken as regular exercise for all the employees. The first aid facilities in the occupational health centre should be strengthened and the medical records of each employee should be maintained separately.
- ix. As per the policy decision taken vide this Ministry's circular no. J-21011/8/98 IA II (I) dated 14<sup>th</sup> May, 2002, the company should earmark a separate fund i.e. 1% of the total cost of the project (Rs.18.95 crores as per questionnaire submitted to the Ministry vide your letter no. SCS.ENV.02/12 dated 2<sup>nd</sup> December, 2002) for eco-development measures including community welfare measures in the project area. The plans in this regard should be submitted to the Ministry within three months of issue of this letter.

**B. GENERAL CONDITIONS:**

- i. The project authorities must strictly adhere to the stipulations made by the Karnataka State Pollution Control Board and the State Government.
- ii. No further expansion or modifications in the plant should be carried out without prior approval of the Ministry of Environment and Forests.
- iii. Ambient Air Quality Monitoring Stations should be set up in the down wind direction as well as where maximum ground level concentration of SPM, SO<sub>2</sub>, NO<sub>x</sub> are anticipated in consultation with the State Pollution Control Board.
- iv. Adequate number of Influent and effluent quality monitoring stations should be set up in consultation with the State Pollution Control Board. Regular monitoring should be carried out for relevant parameters.
- v. The overall noise levels in and around the plant area should be kept well within the standards (85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels should conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA ( day time) and 70 dBA ( night time).

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- vi. The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA report.
- vii. A separate environmental management cell equipped with full fledged laboratory facilities must be set up to carry out the environmental management and monitoring functions. The project authorities will provide adequate funds both recurring and non recurring to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so provided should not be diverted for any other purpose.
- viii. The implementation of the project vis-à-vis environmental action plans will be monitored by Ministry's Regional Office at Bangalore /State Pollution Control Board/Central Pollution Control Board. A six monthly compliance status report along with the monitored data should be submitted to the monitoring agencies.
- ix. The Project Proponent should inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the State Pollution Control Board/ Committee and may also be seen at Website of the Ministry of Environment and Forests at <http://envfor.nic.in>. This should be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same should be forwarded to the Regional office.
- x. The Project Authorities should inform the Regional Office as well as the Ministry the date of financial closure and final approval of the project by the concerned authorities and the date of start of land development work.
- 3.0. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- 4.0. The Ministry reserves the right to stipulate additional conditions if found necessary. The company will implement these conditions in a time bound manner.
- 5.0. The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules.

*P. L. Ahujara*  
(Dr. P. L. Ahujara)  
Additional Director

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**Copy to:-**

1. Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, Delhi-110032.
2. Chairman, Karnataka State Pollution Control Board, 6,7,8&9<sup>th</sup> Floor, (Public Utility Building) Subhas Chandra Bose Building, M.G. Road, Bangalore-560001, Karnataka.
3. Chief Conservator of Forests (Central), Regional Office (SZ), Kendriya Sadan, IV<sup>th</sup> Floor, E&F Wing, 17<sup>th</sup> Main Road, Koramangala, Bangalore-560034.
4. Secretary, State Department of Environment and Forests, Govt. of Karnataka, Bangalore.
5. Sr.Adviser (E.I. division), Ministry of Environment and Forests, Paryavaran Bhawan, CGO Complex, New Delhi.
6. Director, Monitoring Cell, Ministry of Environment and Forests, Paryavaran Bhawan, CGO Complex, New Delhi.
7. Guard File.
8. Monitoring File.
9. Record File.

*(Dr. P. L. Ahujara)*  
(Dr. P. L. Ahujara)  
Addl. Director