



मन्यमेव जयते

**Yogendra Pal Singh**  
**Scientist 'D'**

F. No. J-11011/117/2016-IA-II (I)

**Government of India**

Ministry of Environment, Forest and Climate Change  
(IA Division)

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Dated: 20<sup>th</sup> July, 2017

To,

**The Managing Director,**  
**M/s Krantiagrani Dr. G D Babu Lad**  
**Sahkari Sakhar Karkhana Ltd.,**  
**Kundal, Palus, Sangli - 416 309**  
**Maharashtra**

**Sub: Setting up of molasses based 60 KLPD Distillery within existing sugar plant at Village Kundal, Tehsil Palus, District Sangli, Maharashtra by M/s Krantiagrani Dr G D Babu Lad Sahkari Sakhar Karkhana Ltd.-reg. Environmental Clearance.**

**Ref.: Your online proposal no. IA/MH/IND2/42689/2016; dated 25<sup>th</sup> March, 2017.**

Sir,

This has reference to your online proposal no. IA/MH/IND2/42689/2016; dated 25<sup>th</sup> March, 2017, submitting along with project documents including Form I, Terms of References, Pre-feasibility Report, EIA/EMP Report along with Public Hearing Report regarding above mentioned project.

2.0 The Ministry of Environment, Forest and Climate Change has examined the application. It is noted that proposal is for Setting up of molasses based 60 KLPD Distillery within existing sugar plant at Village Kundal, Tehsil Palus, District Sangli, Maharashtra by M/s Krantiagrani Dr G D Babu Lad Sahkari Sakhar Karkhana Ltd. Existing land area is 50.59 Ha, no additional land will be proposed for distillery unit. Industry will develop green belt in an area of 33 % i.e. 16.7 Ha out of 50.59Ha of area of the project.

3.0 The estimated cost is ₹ 80.00 Cr. The total capital cost earmarked towards environmental pollution control measures is ₹ 7.3 Crore and the Recurring (operation and maintenance) will be about ₹ 2.17 Crore per annum. The total employment will be 100 persons as direct and indirect more than 500 persons for proposed project. Industry proposes to allocate ₹ 4.00 Cr. @ 5 % towards Corporate Social Responsibility.

4.0 List of proposed product:

S. No.	Details	Capacity (TPA)
1	Ethanol/ Rectified Spirit/ ENA	19800TPA

5.0 It is reported that no National Park, Biosphere Reserves, Tiger/Elephant Reserves, Wildlife Corridors etc. lies within 10 km distance around the project. However, manmade Wildlife Sanctuary namely Yashwantrao Chavan Sagareshwar Wildlife Sanctuary lies within 1.7 Km distance. River/Water body is flowing at a distance of 6 km in South-West direction.

6.0 Total water requirement is 760 m<sup>3</sup>/day of which fresh water requirement of 280m<sup>3</sup>/day and will be met from Krishna River. Treated effluent of 630 m<sup>3</sup>/day will be treated through CPU, MEE & incineration plant will be based on Zero Liquid Discharge system.

Power requirement will be 1800 KVA which will be met from own Turbine & MSEDCL. Existing 3 Nos. of DG sets of capacity 1650 KVA. DG sets are used as standby during power failure. Stack (height 3.5 m) will be provided as per CPCB norms. No additional DG set required.

Proposed unit required 22 TPH Slop + coal fired boiler will be installed. ESP with stack height 75 m will be installed for controlling particulate emissions (within statutory limit of 150 mg/Nm<sup>3</sup>).

Process emission generation from boiler will be up to 3000mg/Nm<sup>3</sup> and its controlled by ESP.

Distillation residue will be collected and used in own boiler as fuel. Yeast sludge and ash will be sold.

7.0 Public Hearing for the proposed project has been conducted by the State Pollution Control Board on 19.10.2016.

8.0 All molasses based distillery are listed at S.N. 5(g) (i) under category 'A' of the EIA Notification, 2006, hence, appraised at Central level.

9.0 The proposal was considered by the Expert Appraisal Committee (Industry) in its 22<sup>nd</sup> meeting held during 17<sup>th</sup> - 18<sup>th</sup> April, 2017. The project proponent and the EIA Consultant namely M/s Ultra-Tech have presented EIA/EMP report as per the TOR. EAC has found the EIA/EMP Report to be satisfactory and in full consonance with the presented TORs. The Committee recommended the proposal for environmental clearance.

10.0 Based on the information submitted by the project proponent, the Ministry of Environment, Forest and Climate Change hereby accords environmental clearance to above project under the provisions of EIA Notification, 2006, subject to the compliance of the specific and general conditions as under:

**A. Specific Conditions:**

- i. Clearance from Standing Committee of NBWL shall be obtained prior to commencement of work.
- ii. 10 m wide green belt of perennial trees like Neem, Seesam etc. around periphery of the plant shall be provided.
- iii. Coal (Sulphur content less than 0.5 %) and spent wash shall be used as a boiler fuel.
- iv. 60 % employment shall be given to nearby villagers.
- v. At least 5 % (₹ 4 crore) of the total cost of the project shall be earmarked towards the Enterprise Social Commitment (ESC) and shall be used only for installation of RO plant for drinking water supply, solar light and provide computer to all BPL card holders of nearby villages. Implementation of such program shall be ensured accordingly in a time bound manner. Following activities shall be under taken under ESC activities:
  - a. RO plants shall be installed in nearby villages to ensure safe drinking water availability. The expenditure on maintenance on these RO plants will be owned by the Project proponent.
  - b. 5000 trees shall be planted in five years in nearby villages with the consultation of the villagers. Survival rate of plants shall be reported to RO, MoEF&CC in 6 monthly compliance report.
- vi. A regular environment manager having post graduate qualification in environmental sciences/environmental engineering to be appointed for looking after the environmental management activities of the proposed plant.
- vii. The unit shall adhere to Zero Liquid Discharge (ZLD).
- viii. Continuous online (24 x7) monitoring to be installed for flow measurement and measurement of pollutants within the treatment unit. Data to be uploaded on company's website and provided to the respective RO of MEF&CC, CPCB and SPCB.
- ix. The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms.
- x. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.

**B. GENERAL CONDITIONS:**

- i. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board (SPCB), State Government and any other statutory authority.
- ii. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
- iii. The locations of ambient air quality monitoring stations shall be decided in consultation with the SPCB and it shall be ensured that at least one stations is



- installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.
- iv. The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16<sup>th</sup> November, 2009 shall be followed.
  - v. The overall noise levels in and around the plant area 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 viz. 75 dBA (day time) and 70 dBA (night time).
  - vi. 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.
  - vii. Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.
  - viii. The company shall also comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, risk mitigation measures and public hearing relating to the project shall be implemented.
  - ix. The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. CSR activities shall be undertaken by involving local villages and administration.
  - x. The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.
  - xi. A separate Environmental Management Cell equipped with full fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.
  - xii. The company shall earmark sufficient funds towards capital cost and recurring cost per annum 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 earmarked for environment management/pollution control measures shall not be diverted for any other purpose.
  - xiii. A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parisad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal.
  - xiv. The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF&CC, the respective Zonal Office of CPCB and SPCB. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.
  - xv. The environmental statement for each financial year ending 31<sup>st</sup> March in Form-V as is mandated shall be submitted 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 environmental clearance conditions and shall also be sent to the respective Regional Offices of MoEF&CC by e-mail.

- xvi. The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry at <http://moef.nic.in>. This shall 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 shall be forwarded to the concerned Regional Office of the Ministry.
- xvii. The project authorities shall 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 the project.

11.0 The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.

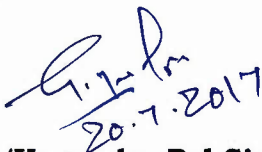
12.0 The Ministry reserves the right to stipulate additional conditions, if found necessary. The company in a time bound manner will implement these conditions.

13.0 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, the Hazardous and Other Wastes (Management and Trans-boundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and rules.

  
20.7.2017  
**(Yogendra Pal Singh)**  
**Scientist 'D'**

**Copy to:-**

1. The Principal Secretary, Environment Department, Government of Maharashtra, 15<sup>th</sup> Floor, New Administrative Building, Mantralaya, Mumbai - 400 032
2. The Additional Principal Chief Conservator of Forests, Regional Office (WCZ), Ministry of Environment, Forest and Climate Change, Nagpur.
3. The Chairman, Central Pollution Control Board Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, New Delhi - 110 032.
4. The Chairman, Maharashtra Pollution Control Board, Kalpataru Point, 3<sup>rd</sup> and 4<sup>th</sup> floor, Opp. Cine Planet, Sion Circle, Mumbai - 400 022.
5. Monitoring Cell, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhavan, Jor Bagh Road, New Delhi.
6. Guard File/Monitoring File/Record File.

  
20.7.2017  
**(Yogendra Pal Singh)**  
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