

**Speed Post**

B-508/IPC-III/Dist/2k18-19  
To,

1799

07<sup>th</sup> September, 2018

M/s Jamkhandi Sugars Ltd (Distillery Division),  
Sy.No, s66, 72, 73, 74, 78, 79, 80 & 88,  
Hirepadasalagi village, Naganur-Post,  
Jamkhandi-Taluk, Bagalkot-Dist Karnataka

**DIRECTIONS UNDER SECTION 5 OF THE ENVIRONMENT (PROTECTION) ACT, 1986-Reg.**

**WHEREAS**, the Central Government has notified the standards for discharge of environmental pollutants from various categories of industries under the Environment (Protection) Act, 1986 and the rules framed there under; and

**WHEREAS**, it is obligatory on the part of industries to install effluent treatment plants (ETPs) to comply with the effluent discharge standards as notified under the Environment (Protection) Act, 1986 and the Rules framed there under and also to meet the consent conditions granted by State Pollution Control Board (SPCBs) / Pollution Control Committees (PCCs); and

**WHEREAS**, the Ministry of Environment & Forests, Govt. of India, vide notification S.O.157(E) of 27.02.1996 has delegated powers vested under Section 5 of the Environment (Protection) Act, 1986 (29 of 1986) to the Chairman, Central Pollution Control Board (CPCB), to issue direction to any industry, Municipal Corporation, Municipal Council, Cantonment Board to any local or other Authority for the violation of emission and effluent standards notified under the Environment (Protection) Rules, 1986; and

**WHEREAS**, M/s Jamkhandi Sugars Ltd (Distillery Division), Sy.No, s66, 72, 73, 74, 78, 79, 80 & 88, Hirepadasalagi village, Naganur-Post, Jamkhandi-Taluk, Bagalkot-Dist Karnataka, (hereinafter referred to as 'the unit') was inspected by the CPCB Regional Directorate, Bangalore, on 24-25.07.2018 based on SMS Alert/Offline Monitoring System and following observations were made during the inspection;

1. The unit is engaged in manufacturing of Ethanol, Rectified Spirit (RS), Extra Neutral Alcohol (ENA) & Impure Spirit with installed capacity of 110 KLD using Molasses as raw material. During inspection unit was in operation. As informed, the unit was in operation at 60% of the installed capacity during inspection.
2. The Unit is having combined consent under the Water and Air Acts and the Hazardous Waste Authorisation issued by KSPCB vide Order No. AW 306506 dt June 23, 2018 and it is valid from January 4, 2018 to June 30, 2021.
3. The flow meters are not connected to the CPCB server. The Unit representatives were unable to show the online data recording facility at the Unit. The flow meter is not installed for quantification of RO permeates.
4. The IP cameras are not installed by the Unit at spent wash storage and utilization locations and connectivity was not provided to the CPCB server.
5. **The Unit is storing raw spent wash in 7962 m3 capacity spent wash storage RCC lagoon having 16 days storage capacity. The 5 days storage capacity is permitted as per the consent conditions.** The spent lees generated are recycled in distillation section in place of water for dilution. Remaining Spent lees is treated through reverse osmosis and permeated is reused in the process. The cooling tower blow down, generated occasionally is diluted and used for gardening.

6. The Unit's representatives informed that the RO reject is diluted and used for irrigation during non- rainy season due to water scarcity. **The analysis of the RO reject shows it contains pH - 4.5, TDS- 1608 mg/l, TSS- BDL, BOD - 411 mg/l and COD - 897 mg/l. The characteristic of RO reject is exceeding the permissible limits for irrigation standards with reference to pH and BOD. As per the consent conditions, the Unit has to treat RO reject in MEE.**
7. During the inspection, it was noticed that an additional tank/ lagoon provided with a pump set and sludge drying beds located adjacent to incineration boiler stack and coal storage yard. The tank was filled with water and the Unit's representatives informed that the river water is collected in the tank and used for irrigation. The analysis result shows the sample collected from the tank has pH - 4.0, TDS - 2038 mg/l, BOD - 1330 mg/l and COD- 2120 mg/l. This shows the **untreated water from the Unit is stored in the additional tank violating the consent conditions.**

**NOW, THEREFORE**, in view of the events, as described above and exercising the powers delegated to the Chairman, Central Pollution Control Board (CPCB) under section 5 of the Environment (Protection) Act, 1986, the distillery unit is hereby directed to **"close down all its manufacturing operations and not to restart manufacturing"** till it complies with the following directions and obtains permission from CPCB;

1. The unit shall install water meter to quantify the fresh water consumption and flow meter to quantify RO permeate consumption.
2. The unit shall connect the digital flow meters installed at raw spent wash discharged to tank spent wash feed to multiple effect evaporators and boiler feed to the CPCB server.
3. The unit shall install IP cameras at discharge locations of spent wash as per the CPCB guidelines and provide connectivity to the CPCB server.
4. The unit shall restrict the capacity of the raw spent wash storage lagoon to 5 days storage capacity as per the consent conditions.
5. The unit shall treat the cooling tower blow down in condensate polishing unit and RO reject in MEE as per the consent conditions.
6. The unit shall dismantle the additional tank provided adjacent to the boiler stack since it contains water having pH - 4.0, TDS - 2038 mg/l, BOD - 1330 mg/l and COD-2120 mg/l.
7. The unit shall operate the OCEMS installed for PM monitoring in the stack regularly and carryout calibration and servicing regularly.
8. The unit shall provide connectivity to the CPCB server and ensure data is transmitted to the server continuously.

In case of default in compliance with the above directions, CPCB will be constrained to initiate action against the Unit, in accordance with the provisions of the Environment (Protection) Act, 1986, without giving any further notice.

  
**(Arun Kumar Mehta)**  
**CHAIRMAN**

Copy to:

1. The Chairman  
Karnataka State Pollution Control Board,  
"Parisara Bhavan"  
4th & 5th Floors, # 49, Church Street,  
Bangalore-560 001. : For information & ensuring  
compliance of directions.
2. The Advisor (CP Division)  
Ministry of Environment, Forest & C.C  
Prithvi Block, Indira Paryavaran Bhawan,  
Jorbagh Road, New Delhi - 110 003 : For information, please
3. The Regional Director,  
CPCB Regional Directorate,  
Nisarga Bhawan, 1st & 2nd Floor,  
Thimmaiah Road, 7th D-cross  
Shivanagar, Opp. Pushpanjali Theatre  
Bangalore - 560 010 : For follow up and ensuring  
compliance.
4. The District Magistrate,  
Bagalkot-Dist Karnataka : With request to ensure  
compliance of closure direction,  
please
5. The Managing Director,  
Karnataka power Corporation limited,  
No-82, 'Shakti Bhavan', Race Course Road  
Banglore, Karnataka : With request to dis-connect the  
power supply for industrial  
operations. However, power  
supply for domestic and security  
purposes to continue, Please.
6. The Div. Head, I.P.C-III, CPCB
7. The Div. Head, IT Division, CPCB

(PRASHANT GARGAVA)  
MEMBER SECRETARY