



By Speed Post

CP-11/22/2024-IPC-III-HO-CPCB-HO **2500**

June 20, 2024

To,

M/s Krishna Sahakari Sakkare Karkhane Niyamit
(Sugar Mill) Sy.No.1141, 1142, 1143, 1136 & 1137
Sankonatti village, Athani Taluk,
Belgaum District-591304

DIRECTION (SHOW CAUSE NOTICE) UNDER SECTION 5 OF THE ENVIRONMENT (PROTECTION) ACT, 1986

WHEREAS, Sugar industries are identified as one of the 17 categories of highly polluting industries which have been discharging environmental pollutants directly or indirectly into the ambient air and water, having potential threat to cause adverse effect on the water and air quality; and

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 inspection of the M/s Krishna Sahakari Sakkare Karkhane Niyamit, Sy.No.1141, 1142, 1143, 1136 & 1137, Sankonatti village, Athani Taluk, Belgaum District-591304 (hereafter referred as "The Unit") was carried out on 06.02.2024 by the team of CPCB under 'Environmental surveillance of 17 categories of highly potential industries and common facilities' based on real-time OCEMS (online continuous effluent monitoring system) data programme. Following major observations were made during the visit:

1. The Unit was non-operational during inspection, as the crushing season was closed on 26-01-2024, however the ETP of the Unit was operational.
2. The Unit has obtained combined consent of Sugar and Co-generation plant which is valid up to 30-06-2026 and Hazardous Waste authorization is valid up to 30-06-2026.

‘परिवेश भवन’ पूर्वी अर्जुन नगर, दिल्ली-110032

Parivesh Bhawan, East Arjun Nagar, New Delhi - 110032

दूरभाष/Tel: 43102030, 22305792, वेबसाइट/Website : www.cpcb.nic.in Pg 1

3. The Unit has installed ETP of Capacity 1000 KLD, however, as per Consent condition, the total effluent generated is 545 KLD.
4. The flow-meter located at the outlet of ETP, near the point of treated effluent discharge was non-operational, during the inspection.
5. The Unit is bypassing part of effluent into an earthen lagoon during inspection. The Unit representative informed that a part of effluent is mixed with press-mud & fly ash to prepare compost/ fertilizer. Around 5 Acres of land is converted into lagoon and filled with effluent, ash and press mud. Historical satellite images shows that Unit has installed an earthen lagoon and the lagoon is existing since 2019.
6. The inspection team collected the samples from inlet of ETP, outlet of ETP, and from the earthen lagoon. The outlet of the ETP shows pH-8.25, BOD-5.3 mg/l, COD-48 mg/l, TSS- 8.2 mg/l and TDS - 653 mg/l.
7. The sample collected form the lagoon shows pH-6.98, BOD-976 mg/l, COD-2856 mg/l, TSS- 74.7 mg/l and TDS - 2949 mg/l. The results shows that the treated effluent is complying with KSPCB stipulated standards however TDS, BOD & COD of effluent stored in earthen lagoon is exceeding the treated effluent standards and posing potential threat for groundwater contamination.
8. The Unit has installed three Bagasse fired boilers (1x80 TPH and 2x 40 TPH). On the day of inspection, 80 TPH boiler was in operation while 40 TPH boilers were not in operation. The 80 TPH Boiler stack was monitored and emission results indicates that PM values was 6843.28 mg/Nm³ against prescribed limit of 150 mg/Nm³ by KSPCB.
9. During the visit, lot of ambient dust was observed and fly-ash were found scattered in Unit.
10. The Unit has not updated the environmental data display board installed at the entrance gate.
11. The Unit has not provided any designated storage area for storage of Hazardous Waste.
12. The Unit has not maintained the logbook record of quantity of used oil, fly ash, press mud, sludge/ solids generated.
13. The Unit is using temporary hose pipes for irrigation and should ensure that proper pipeline network is laid for utilization of treated effluent for irrigation.

WHEREAS, it is evident from the above observations that the Unit is non-complying w.r.t. PM emission standard, storage of untreated effluent in the earthen lagoon having high BOD & potential to cause groundwater contamination, no designated storage area for hazardous waste; 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

NOW, therefore, in view of the above, and exercising the powers delegated to the Chairman, Central Pollution Control Board (CPCB) under section 5 of the Environment (Protection) Act, 1986, **notice is served herewith to show cause why the Unit** [M/s Krishna Sahakari Sakkare Karkhane Niyamit, Sy.No.1141, 1142, 1143, 1136 & 1137, Sankonatti village, Athani Taluk, Belgaum District] **should not be closed down** till compliance of the following:


1. The Unit shall treat the effluent stored in the earthen lagoon in its ETP. Necessary records in this regard be maintained. The Unit shall dismantle the earthen lagoon and then level the lagoon accordingly under the supervision of SPCB and thereafter shall submit the compliance report to CPCB and SPCB. Further, ground water around the earthen lagoons be monitored for pre & post monsoon and results be submitted to CPCB and SPCB.
2. The Unit shall augment/upgrade the air pollution control devices installed at 80 TPH Boiler ensuring compliance with the prescribed emission standard and shall submit the stack emission monitoring result from EPA recognized lab to CPCB and SPCB.
3. The Unit shall install proper pipeline network for utilization of treated effluent for irrigation and no flexible/hose pipes should be used for irrigation.
4. The Unit shall construct a impervious tank with 15 days storage capacity for storage of treated water for no demand period.
5. The Unit shall ensure that proper records are maintained on the quantity of used oil, fly-ash, press-mud, sludge/ solids generated from the Unit and quantity disposed and details of vendors to whom it is disposed.
6. The Unit shall provide separate dedicated storage area for storing of hazardous waste (HW) and shall ensure that HW are not stored for more than 90 days.
7. The Unit shall ensure that flow-meter installed at outlet of ETP is functional & calibrated and shall maintain the logbook record of the same.
8. The Unit shall regularly update the data display board installed at the entrance gate.
9. The Unit shall collect the groundwater samples from the monitoring wells situated in command area where treated effluent is used for irrigation and shall monitor the quality of groundwater twice in a year as per consent condition and submit the groundwater quality report from EPA/NABL recognized/accredited lab to CPCB & SPCB.

The Unit is hereby given an opportunity to file their objections, duly notarized to the above proposed directions and submit a time bound action plan for compliance of above directions along with documentary evidences within 30 days of receipt of this notice, failing which it will be presumed that you have nothing to say and appropriate action will be taken, in accordance with the provisions of the Environment (Protection) Act, 1986, without giving any further notice.


(TANMAY KUMAR)
CHAIRMAN

Copy to:

1. **The Member Secretary,** : For ensuring compliance of
Karnataka State Pollution Control Board, directions please.
"Parisara Bhavan" 4th & 5th Floors,
49, Church Street, Bengaluru-560 001,
Karnataka
2. **The Regional Director,** : For follow up and ensuring
Regional Directorate- BENGALURU compliance of the direction.
Central Pollution Control Board,
A-Block, Nisarga Bhavan, 1st and 2nd
Floors, 7th D Cross, Thimmaiah Road,
Shivanagar,
Bengaluru-560079,
3. **The Director, (CP Division),** : For information, please.
Ministry of Environment, Forests & CC,
Prithvi Block, Indira Paryavaran Bhawan,
Jorbagh Road, New Delhi - 110 003
4. ✓ **The Div. Head, IT Division, CPCB:** To upload direction at CPCB
Delhi Website, please.
5. **The Div. Head, IPC-VI, Division, CPCB Delhi :** For information, please.


(BHARAT KUMAR SHARMA)
MEMBER SECRETARY