

Speed Post

CP-11/12/2023-IPC-III-HO-CPCB-HO 518

April 20, 2023

To,

M/s Shravasti Kisan Sahkari Chini Mills Limited,
Nanpara, Bahraich,
Uttar Pradesh-217801

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

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 thereunder and also to meet the consent conditions granted by State Pollution Control Board (SPCBs) / Pollution Control Committees (PCCs); and

WHEREAS, the inspection of M/s Shravasti Kisan Sahkari Chini Mills Limited, Nanpara, Bahraich, Uttar Pradesh-217801 (hereinafter referred as 'the Unit') was carried out on 19.12.2022 by the joint team of CPCB and UPPCB in reference to a complaint received from the Hon'ble Member of Parliament (Sh. Ram Shiromani Verma) regarding pollution due to Sugar mill operating in the center of City Shravasti. The joint inspection team made the following observations:

1. The Unit is involved in production of Sugar using sugar cane as major raw material with consented capacity of 2500 TCD. During the inspection, the Unit was in operation. The Unit has started cane crushing on 05.12.2022 for the crushing season 2022-23.
2. The Unit was granted Consent to Operate (CTO) under the Water (Prevention and Control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981 by UPPCB, with validity up to 31.12.2022.
3. The Unit has one (01) bore well to meet its fresh water requirement. An electromagnetic water-meter is installed in the bore well, which was found non-functional during inspection. The Unit has not maintained log-book for water consumption.
4. The Unit has not obtained NOC for ground water abstraction from Groundwater Department.
5. The Unit has ETP comprising of bar screen, O&G trap, equalization tank, primary clarifier, aeration tank, secondary clarifier, multi-grade sand Filter, activated carbon filter, and lagoon for storage of treated effluent.
6. During inspection, the ETP was operational. The joint team collected sample from equalization tank, outlet of ETP and storage lagoon. The lab analysis result of final outlet of ETP showed pH-6.79, BOD-80.5 mg/l; COD - 245 mg/l; TSS- 63.8 mg/l;

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- TDS- 890 mg/l; O&G- BDL. The lab analysis result of sample collected from Lagoon (for storage of treated effluent) showed pH-7.29, BOD - 66.6 mg/l; COD- 141 mg/l; TSS- 55.9 mg/l; TDS- 648 mg/l.
7. The lab analysis results of treated effluent from ETP and lagoon (storing treated effluent) is complying with effluent discharge standards for land application/irrigation. However, during inspection, a bypass drain was observed near ETP and sample collected from the bypass drain showed pH: 6.91 (*against 5.5 to 8.5*), TSS: 69.6 mg/l (*against 100 mg/l*), TDS: 878 mg/l (*against 2100 mg/l*), O & G: BDL (*against 10 mg/l*), **COD: 366 mg/l and BOD: 101 mg/l** (*against 30 mg/l*), indicating non-compliance w.r.t effluent discharge standards.
 8. The Mixed Liquor Suspended Solid (MLSS) and Mixed Liquor Volatile Suspended Solid (MLVSS) in the aeration tank were 1643 mg/l and 1601 mg/l respectively, which indicates poor operation and non-stabilization of aeration tank. During inspection, Oil and Grease trap was observed non-operational.
 9. The Unit has provided 02 floating type aerators at Aeration Tank. The Unit has not provided mixing system at equalization tank. The launder of the Primary and Secondary Clarifier was not levelled and leakage in Primary Clarifier was observed.
 10. The Unit has not provided separate energy meter for the ETP.
 11. The Sulphur Recovery Plant (SRP) installed for treatment of spray pond overflow, was found non-operational. As informed by the Unit representative, due to no overflow from spray pond, Sulphur Recovery Plant was non-operational.
 12. The Unit has 03 boilers with capacity 2X20 TPH and 1X30 TPH using bagasse as fuel. The monitoring platform in both stacks were not as per CPCB guidelines. Stack emission monitoring of 30 TPH boiler was carried out for particulate matter (PM) parameter and lab analysis result showed **PM emission as 3340 mg/Nm³**, which shows non-compliance w.r.t PM emission standard (*against the standard of 150 mg/Nm³*).

It is observed from the joint inspection report that the Unit has provided a bypass drain arrangement near ETP and found bypassing effluent into drain during the inspection. The PM emission from 30 TPH boiler showed high PM emission (PM - 3340 mg/Nm³) and the Unit found non-complying with PM emission standard (*against the standard of 150 mg/Nm³*).

WHEREAS, the Ministry of Environment, Forest, & Climate Change, 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 other standards and norms; and

NOW THEREFORE, in view of the aforesaid observations and in exercise of the powers delegated to the Chairman, CPCB under section 5 of the Environment (Protection) Act, 1986, **the Unit** [M/s Shravasti Kisan Sahkari Chini Mills Limited, Nanpara, Bahraich, Uttar Pradesh] **is hereby directed to close down all its manufacturing operation** until compliance of the following directions:

1. The Unit shall immediately dismantle bypass drain and ensure that all effluent streams are integrated and routed through ETP.
2. The Unit shall submit the adequacy assessment report of ETP and APCD prepared by reputed Govt. institute such as IIT, NIT, NEERI, NSI, VSI and accordingly upgrade/augment the ETP and APCD as per the recommendation of the report so as to meet the prescribed standard and submit the report to CPCB.
3. The Unit shall immediately stop discharge of any untreated effluent.
4. The Unit shall maintain electromagnetic flow-meter in bore well and maintain proper log book record of freshwater consumption.
5. The Unit shall obtain NOC from Groundwater Department/Authority for groundwater abstraction.
6. The Unit shall properly operate & maintain the ETP so to adhere with the prescribed standard. The Unit shall maintain proper log book record for ETP operation.
7. The Unit shall properly level launder of Primary and Secondary Clarifier.
8. The Unit shall provide stack monitoring facilities as per the CPCB guidelines in all the stacks of boiler.
9. The Unit shall provide separate energy meter for operation of ETP and maintain logbook record of energy consumption during the operation of ETP.
10. The Unit shall properly operate Sulphur Recovery Plant and maintain proper log book record for operation of the plant.
11. The Unit shall make appropriate arrangement for use of treated effluent in irrigation as per irrigation management plan (IMP).
12. The Unit shall strictly comply with the standards notified by MoEF&CC vide G.S.R. 35 (E) dated January 14, 2016 for Sugar industry.
13. The Unit shall report to CPCB and UPPCB regarding closure of the manufacturing operation immediately on receipt of this direction and also submit 'Self-Certificate' (format enclosed) for closure of operation.
14. The Unit shall seek permission from CPCB before start of its manufacturing operations.

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.


 (TANMAY KUMAR)
 CHAIRMAN

Copy to:

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| <p>1 The Member Secretary
 Uttar Pradesh Pollution Control Board,
 Building No. TC-12V, Vibhuthi Khand,
 Gombi Nagar, Lucknow - 226 010
 Uttar Pradesh</p> | <p>:To ensure compliance of the directions please</p> |
| <p>2 The Regional Director,
 Regional Directorate Lucknow,
 Central Pollution Control Board</p> | <p>:To ensure compliance of the directions please.</p> |

Dir. u/s 5 of E (P) Act, 1986 to M/s Shravasti Kisan Sahkari Chini Mills Limited, Uttar Pradesh

PICUP Bhawan, Vibhuti Khand, Gomti
Nagar, Lucknow - 226010

- 3 **The District Magistrate,** :For information and necessary action
Collectorate office, Dist- Bahraich please.
Uttar Pradesh
- 4 **The Managing Director,** :With a direction to disconnect the
Madhyanchal Vidyut Vitaran Nigam Ltd. power supply to the industrial unit in
Head Office, 4-A, Gokhale Marg, Lucknow- compliance of CPCB closure direction.
226001, UP.
- 5 **The Director (CP Division),** :For information please.
Ministry of Environment, Forests & CC,
Prithvi Block, Indira Paryavaran Bhawan,
Jorbagh Road, New Delhi - 110 003
- 6 ✓ **The Div. Head, IT Division, CPCB Delhi** :To upload direction at CPCB Website,
please.


(PRASHANT GARGAVA)
MEMBER SECRETARY

Self-certificate on the compliance of closure direction issued by CPCB

This is to certify that as per the direction issued by CPCB vide F.No-----
dated-----and received on ----- the unit, M/s -----
(Name & Address of the unit) has stopped all its manufacturing operations in
compliance to the direction.

The Regional Office ----- (Address) ----- (Name of SPCB) has been
informed regarding closure of operations vide letter no. -----dated-----.

A copy of the receipt of the intimation letter to SPCB is enclosed for reference
please.

Place :

Date:

(Authorized Signatory)

Name:

Designation:

Contact number:

E-mail:

(Seal)