



केन्द्रीय प्रदूषण नियंत्रण बोर्ड
CENTRAL POLLUTION CONTROL BOARD
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, भारत सरकार
MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE, GOVT. OF INDIA

File No. CP-14.2/2024-TECH-RD-CHANDIGARH-RD(Chandigarh) 30 Sept. 2024

5252

To.

M/s Karnal Cooperative Sugar Mills Limited,
3 Milestone, Meerut Road, District Karnal,
(Haryana)- 132 001

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, the Ministry of Environment, Forests & 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

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, M/s Karnal Cooperative Sugar Mills Limited, 3 Milestone, Meerut Road, District Karnal, (Haryana) (hereinafter referred as 'the Unit') is involved in the process of sugar manufacturing from crushing of cane; and

WHEREAS, the Unit was inspected by the officials of Central Pollution Control Board (CPCB), Regional Directorate, Chandigarh on 05.08.2024 and following observation were made:

1. The unit was found non-operational due to the non-crushing season. During crushing season 2023-24, crushing operations started on 15.11.2023 and closed on 11.04.2024. During the inspection, repair and maintenance work was taking place.
2. The installed cane crushing capacity of the unit was 3500 TCD. The unit is having valid Consent to Operate with validity upto 30.09.2027 under Water Act, 1974 and Air Act, 1981 issued by Haryana State Pollution Control Board (HSPCB).
3. To meet the fresh water requirement for industrial and domestic purposes, the unit has installed 02 nos. of borewells. Electromagnetic flow meters were installed on the borewells and log book was found maintained.

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4. Unit has applied for renewal of No Objection Certificate (NOC) to Haryana Water Resources Authority (HWRA) on 28.02.2024. The previous NOC expired on 06.02.2024.
5. The unit has installed ETP of 850 m³/day capacity comprising of screen chamber→Oil & grease skimmer→Equalization tank→Neutralization tank→Primary clarifier→Aeration tank→Secondary clarifier→Filter feed tank→Sand filter→Carbon filter→Pucca treated effluent lagoon (10500m³)→Sludge drying bed (04 nos.). Electromagnetic flow meter was installed at the ETP inlet and final outlet.
6. The pressure gauge has not been provided to the filtration system of the ETP and the bed material of the sludge drying bed was found damaged. Also, proper screen bar chamber with adequate coarse and fine screen was not provided.
7. The unit has installed 01 no. of bagasse fired boiler of 100 TPH capacity with Electrostatic Precipitator (ESP) as Air Pollution Control Device (APCD).
8. The unit has installed Continuous Emission Monitoring System (CEMS) at boiler stack for measuring PM, SO₂, NO₂, & CO.
9. Authorization under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 from HSPCB has not been obtained.
10. The unit installed Online Continuous Effluent Monitoring System (OCEMS) at the lagoon rather than final outlet of ETP. The lagoon was filled with rain water and the OCEMS was showing default data of the stagnated water on the display screen.
11. No Irrigation Management Plan (IMP) was prepared by the unit.
12. Press mud was not stored properly and found scattered in the unit's premises and boiler-ash was kept in an unscientific manner inside the premises.

NOW, THEREFORE, based on above observations and in exercising powers, delegated to the Chairman, Central Pollution Control Board, under Section 5 of the Environment (Protection) Act, 1986, the unit "M/s Karnal Cooperative Sugar Mills Limited, 3 Milestone, Meerut Road, District Karnal, (Haryana)" is hereby directed to comply with the following directions:

1. Relocation of OCEMS from the treated water lagoon to the final outlet of the ETP.
2. The unit shall ensure connectivity of OCEMS system uninterruptedly to CPCB/HSPCB server for 24 X 7 data transmission.
3. The unit shall ensure regular operation & maintenance and calibration of the OCEMS besides maintaining records of O&M as per CPCB guidelines.
4. The unit shall prepare Irrigation Management Plan as per Notification dated 14.01.2016 under E(P)A, Rules 1986 and implement the same.
5. Obtain NOC from Haryana Water Resources Authority (HWRA) for abstraction of ground water.
6. Obtain Authorization under Hazardous and Other Wastes (Management and Transboundary Movement) Rules (HOWM), 2016 from HSPCB for ensuring compliance of applicable provisions of HOWM Rules, 2016.
7. Install pressure gauge at the filtration system and proper screen bar chamber with adequate coarse and fine screen at the ETP. Also, repair the bed material of the sludge

drying beds. Date & time-stamped geo-tagged photographs to be provided in this regard.

8. Proper storage and handling of press mud and boiler ash to be ensured.
9. The unit shall submit the compliance of the above within 30 days from the date of issuance of this direction.

In case of default in compliance with the above directions, CPCB will be constrained to initiate action against the Unit ("M/s Karnal Cooperative Sugar Mills Limited, 3 Milestone, Meerut Road, District Karnal, (Haryana)"), in accordance with the provisions of the Environment (Protection) Act, 1986, without giving any further notice.

13² 30/3/24
(TANMAY KUMAR)
CHAIRMAN

Copy to:

1. **Member Secretary,**
Haryana State Pollution Control Board,
C-11, Sector-6, Panchkula, Haryana-134109 :for information please
2. **Additional Secretary (CP Division)**
Ministry of Environment, Forest & CC
Prithvi Block, Indira Paryavaran Bhawan,
Jorbagh Road, New Delhi - 110 003 :for information please
3. **Director General**
National Mission for Clean Ganga
Ministry of Jal Shakti
(Department of Water Resources, River
Development & Ganga Rejuvenation)
Government of India, 1st Floor, Major
Dhyan Chand National Stadium India Gate,
New Delhi - 110002 : for information please
4. **Regional Director**
Central Pollution Control Board,
Regional Directorate, Bharat Sanchar
Nigam Limited, Chandī Path, Sector 49,
Chandigarh, Pin-160047 :for information please
5. The In-charge IT Division, CPCB Delhi : with request to upload on CPCB
server
6. Master/Guard file, WQM-II, CPCB Delhi


(BHARAT KUMAR SHARMA)
MEMBER SECRETARY

