



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

CP-14/28/2023-IPC-III-HO-CPCB-HO/6986

December 01, 2023

To

M/s Bhairavnath Sugar Works Ltd.
(Distillery Unit), Sonari -62,63,65,66,68 &69,
Mugaon-37,38,40,44,46,47 & 48,
Tal. Paranda, Dist. Osmanabad,
Maharashtra

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

WHEREAS, Distilleries 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/emission 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) and air pollution control devices (APCDs) to comply with the effluent discharge and emission 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, Central Pollution Control Board carried out the inspection of M/s **Bhairavnath Sugar Works Ltd.** (Distillery Unit) located at Sonari - 62,63,65,66,68 &69, Mugaon-37,38,40,44,46,47 & 48, Tal. Paranda, Dist. Osmanabad, Maharashtra (hereafter referred to as 'the Unit') on 26.07.2023 under the 'Environmental surveillance of 17 categories of highly pollution potential industries and common facilities' based on OCEMS (online continuous effluent monitoring system) data programme'. The major observations made by the inspection team during the visit are as follows:

1. The unit was non-operational at the time of the inspection, being off season. As informed, the unit was operational till 09.06.2023, and later stopped its manufacturing activities, the same is communicated to MPCB vide letter dated 09.06.2023.
2. The spent-wash storage lagoons were completely filled. As informed by the industry representative, due to heavy rains during last week of July, 2023 the lagoons were filled. However, it is observed that appearance of the accumulated water in the said lagoons were dark brown in colour; apparently, due to accumulation of sludge (which has not been removed periodically/unutilized spend wash of the last distillery season). Accordingly, grab sample was collected from the

‘परिवेश भवन’ पर्वी अर्जुन नगर, दिल्ली-110032

Parivesh Bhawan, East Arjun Nagar, Delhi-110032

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lagoon and the concentration of various parameters monitored reveals pH: 6.3; TSS: 312mg/l; TDS: 22,450 mg/l; BOD: 11,500 mg/l; COD: 28,800; NH3-N: 23.6 mg/l and TKN:56 mg/l respectively. Such monitored concentration of aforesaid parameters reveals that either the unit has not de-sludged the spent-wash lagoons at regular intervals nor completely utilized the concentrated spent wash for bio-composting.

3. The unit has provided ETP comprises of 03 spent-wash lagoons (total combined capacity of 15,042 m³), Bio-digester (1,10,000m³ capacity), MEE (5 effects) of 500 m³/day capacity, along with a concrete lined bio-compost yard of 7 acres. For which, the unit has installed 02 nos. flow meters (i.e. at the bottom outlet of the analyser column, and at the MEE outlet) and 02 PTZ (i.e. for bio-composting yard and spent wash storage lagoons).
4. The concentrated spent-wash from the MEE is stored in the concentrated spent-wash storage lagoon (2,990 m³ capacity), which is then pumped to the bio-compost yard for utilization through bio-composting.
5. For the treatment of MEE condensate and spent lees the unit has provided a CPU of 400 m³/day capacity. The unit has not installed flow-meter at the outlet of CPU i.e. reuse stream, which is being reused as process water in molasses dilution, cooling tower makeup & ancillary activities.
6. The unit has provided separate energy meter for MEE. However, there is no separate energy meters for the CPU & the boiler APCD in compliance to the consent condition [s. no. 27 of the Schedule-IV: General Conditions stipulated in the CTO dated 03/02/2023].

WHEREAS, it is evident that the unit is non-complying w.r.t. non-installation of environmental data display board at the main gate (as per Hon'ble Supreme Court order in WP 657/1995); non-installation of separate energy meters for the CPU & boiler's APCD; accumulation of spent-wash in storage lagoons (completely filled) having dark brown in colour, apparently, due to accumulation of sludge and there is high possibility of unscientific disposal of the stored spent-wash if not treated; and

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 observations, 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, **notice is hereby served to the unit [M/s Bhairavnath Sugar Works Ltd. (Distillery Unit), Dist. Osmanabad, Maharashtra], to show cause why all the manufacturing operations of the unit should not be closed down** till it complies with the following:

1. To treat the remaining spent-wash accumulated in the 03 nos. of lined spent-wash storage lagoons in a time bound manner in the existing ETP i.e. through Bio-digester followed by MEE & bio-composting and MEE condensate be treated in existing CPU.
2. To install environmental data display board (as per Hon'ble Supreme Court order in WP 657/1995) at the main gate and also relevant data to be updated on regular basis.
3. To install flow-meter at CPU outlet (for the measurement of treated effluent reuse from CPU in various activities).
4. To install separate energy meters for the CPU & the boiler APCD in compliance to the general consent condition [s. no. 27 of the Schedule-IV: General Conditions stipulated in the CTO dated 03/02/2023].

You are hereby given an opportunity to file your objections (if any), duly notarized, to the above proposed direction/notice within 30 days from the receipt of this notice, failing which it will be presumed that you have nothing to say and appropriate action, in accordance with the provisions of the Environment (Protection) Act, 1986, will be taken against the Unit without giving any further notice.


(TANMAY KUMAR)
CHAIRMAN

Copy to:

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| <ol style="list-style-type: none"> 1. The Chairman,
Maharashtra Pollution Control Board,
Kalpataru Point 3rd & 4th floor,
Opp.PVR Cinema, Sion Circle,
Mumbai- 400 022, Maharashtra 2. The Director, (CP Division),
Ministry of Environment, Forests & CC
Prithvi Block, Indira Paryavaran Bhawan,
Jorbagh Road, New Delhi - 110 003 3. The Regional Director,
Regional Directorate- Pune
Survey No. 110, Dhankude Multi-Purpose
Hall, Baner Road, Baner, Pune - 411045 4. ✓ The Div. Head, IT Division, CPCB Delhi | <p>For information & ensuring compliance of direction please.</p> <p>For information please</p> <p>For follow-up and ensuring compliance please</p> <p>For uploading in the website please</p> |
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(BHARAT KUMAR SHARMA)
MEMBER SECRETARY