



SPEED POST

CP-14/31/2023-IPC-III-HO-CPCB-HO

November.17 2023

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To,

The Member Secretary,
Maharashtra Pollution Control Board,
Kalpataru Point 3rd & 4th floor,
Opp.PVR Cinema, Sion Circle,
Mumbai- 400 022,
Maharashtra

Directions under section 18(1) (b) of the Water (Prevention & Control of Pollution) Act, 1974 in the matter of M/s Karmaveer Shankarrao Kale Sahakari Sakhar Karkhana Ltd., (Distillery Division), Suregaon 23, Gat no. 109/1, At- Gautamnagar, Post-Kolpewadi, Tal. Kopargaon, Dist. Ahmednagar, Maharashtra -reg.

WHEREAS, under section 16 of the Water (Prevention & Control of Pollution) Act, 1974 and under Section 16 of the Air (Prevention & Control of Pollution) Act, 1981, one of the functions of the Central Pollution Control Board (CPCB), constituted under Water (Prevention & Control of Pollution) Act, 1974 is to coordinate activities of the State Pollution Control Boards and Pollution Control Committees and to provide technical assistance and guidance to SPCBs/PCCs; and

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

WHEREAS, the CPCB and SPCBs have been pursuing the polluting 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

WHEREAS, the SPCBs/PCCs can stipulate stringent standards for discharge of environmental pollution from various categories of industries than those notified by the Central Government, under the Environment (Protection) Act, 1986 and Rules framed there under; and

WHEREAS, a team of officials from CPCB inspected **M/s Karmaveer Shankarrao Kale Sahakari Sakhar Karkhana Ltd.**, (Distillery Division), (*hereafter referred to as 'the Unit'*) located at Suregaon 23, Gat no. 109/1, At- Gautamnagar, Post-Kolpewadi, Tal. Kopargaon, Dist. Ahmednagar, Maharashtra on 28.07.2023 under the programme i.e. 'Environmental surveillance of 17 category of highly potential industries and common facilities' based on real-time OCEMS (online continuous effluent monitoring system) data. The major observations made by the team are as follows:

1. The Unit was operational at the time of the inspection.
2. The Unit is manufacturing country liquor and also engaged in bottling of country liquor. However, as per the CTO dated 11/10/2021; the Unit has been granted to manufacture rectified spirit only.

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

3. Besides provision of lined raw-spent wash holding tanks (600 m³ capacity) at ETP, the Unit has provided additional spent-wash lagoon (MOC-concrete with HDPE sheet) of 6,950 m³ capacity i.e. 15 days raw spent-wash storage lagoon, which is more than the required storage capacity.
4. The Unit has installed 02 nos. flow meter i.e. at the MEE inlet (electromagnetic flow meter) & MEE concentrate outlet stream (mass flow meter); and 01 PTZ (i.e. for the spent-wash storage lagoon).
5. It is observed that one (01 no.) old lined bio-methanated spent wash storage lagoon (as per the earlier CTO, the industry had provided bio-digester for treatment of spent-wash) was filled with effluent. Presently, the Unit has discontinued bio-composting practice and installed new ETP comprising of MEE & incineration boiler as per CTO dated 11/10/2021. Whereas, the said lined bio-methanated spent wash lagoon is still retained and it is found filled with effluent. It is observed that Unit is discharging DM plant regeneration stream into the said old lagoon and also, as informed the Unit is discharging floor washing streams into the said lagoon, on piecemeal basis.
6. The Unit has not installed flow-meter for measurement of CPU treated effluent, which as informed by the Unit is being reused for cooling tower makeup; boiler make up; molasses dilution; fermenter washing. Further, it is also discharged for on land irrigation (own land).
7. Based on the analysis results of the samples collected by the inspecting team, concentration of parameters in the DM plant regeneration stream sample is pH: 9.9 & TDS: 20,900 mg/l and concentration of parameters in the effluent, stored in the old lined spent-wash storage lagoon is BOD: 280 mg/l & COD: 712 mg/l.
8. The Unit has currently installed mass flow-meter and it is require to install flow-meter based on magnetic/ultrasonic principle for the measurement of concentrated spent-wash from the MEE outlet as per CPCB's Guidelines for OCEMS.

WHEREAS, as evident from the above observations made by the inspection team that the Unit, M/s Karmaveer Shankarrao Kale Sahakari Sakhar Karkhana Ltd. found non-complying w.r.t manufacturing and bottling of Country Liquor without CTO, having 15 days Raw spent wash storage lagoon capacity which is higher than permitted raw spent wash storage capacity in case of ZLD through Incineration Boilers; Bio-methanated spent wash lagoon is not dismantled by the unit after closing Bio-composting practice and the lagoon is found filled with effluent; effluent from CPU is discharged outside the Unit premises instead of reusing & recycling being a ZLD plant as per CTO; and

NOW, therefore, in exercise of the powers conferred under Section 18(1) (b) of the Water (Prevention and Control of Pollution) Act, 1974; the Maharashtra State Pollution Control Board (KSPCB) is hereby directed to take appropriate action against **M/s Karmaveer Shankarrao Kale Sahakari Sakhar Karkhana Ltd.**, (Distillery Division), Suregaon 23, Gat no. 109/1, At- Gautamnagar, Post-Kolpewadi, Tal. Kopargaon, Dist. Ahmednagar, Maharashtra and ensure compliance of the following:

1. That the Unit shall not manufacture the country liquor and its bottling without valid Consent to operate from MPCB.
2. That the Unit shall immediately stop discharging DM plant regeneration effluent & floor washing streams into old lined bio-methanated spent-wash storage lagoon. The said streams to be channelized into existing CPU for further treatment.
3. That the Unit shall not discharge treated effluent of CPU into gardening/irrigation being a ZLD plant as per Consent dated 11.10.2021.

4. That the effluent stored in the old lined lagoon (for bio-methanated spent-wash storage) be treated in the existing CPU for its safe disposal. Also, the said lagoon shall be scrapped/dismantled & leveled in a scientific manner.
5. That the Unit shall install flow-meter at CPU outlet (for the measurement of CPU treated water reuse).
6. That the Unit shall install flow-meter, based on magnetic/ultrasonic principle, for the measurement of concentrated spent-wash from the MEE outlet as per CPCB's Guidelines for Online Continuous Effluent Monitoring System (OCEMS).
7. That the Unit shall have storage lagoon capacity of concentrated spent-wash storage not more than the consented capacity.

The action taken report shall be sent by MPCB to the CPCB within 30 days from the date of receipt of these directions. MPCB shall also acknowledge the receipt of these directions to CPCB within 15 days from the date of the receipt.



(BHARAT KUMAR SHARMA)
MEMBER SECRETARY

Copy to:

1. **The Chairman,** : For information please.
Maharashtra Pollution Control Board,
Kalpataru Point 3rd & 4th floor,
Opp.PVR Cinema, Sion Circle,
Mumbai- 400 022,
Maharashtra
2. **The Director, (CP Division),** : For information please.
Ministry of Environment, Forests & CC,
Prithvi Block, Indira Paryavaran Bhawan,
Jorbagh Road, New Delhi - 110 003
3. **The Regional Director,** : For information & follow
CPCB Regional Directorate, Pune, up please.
Survey No. 110, Dhankude Multi-Purpose
Hall, Baner Road, Baner, Pune - 411045
- ✓ 4. **The Div. Head, IT Division, CPCB Delhi** : For uploading in CPCB
website please.



(BHARAT KUMAR SHARMA)
MEMBER SECRETARY

