



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

By Speed Post

CP-11/5/2021-IPC-III-HO-CPCB-HO 2361

June 16, 2021

To,

M/s Kumbhi Kasari SSK Ltd.
Kuditre 274, 275, 276, 277, 278, 279,
AP-Kuditre Karvir,
Kolhapur, Maharashtra

DIRECION 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, 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

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, for strengthening the monitoring and compliance through self-regulatory mechanism, a direction under section 18 (1) (b) of the Water (Prevention & Control of Pollution) Act, 1974 and the Air (Prevention & Control of Pollution) Act, 1981 was issued on February 05, 2014 to all the State Pollution Control Boards (SPCBs)/ Pollution Control Committees (PCCs) for installation of online emission monitoring system w.r.t. Particulate Matter parameter & online effluent monitoring system w.r.t. pH, BOD, COD, TSS, Flow parameters in 17 categories of industries including Sugar; and

WHEREAS, the inspection of the M/s Kumbhi Kasari SSK Ltd., Kuditre 274, 275, 276, 277, 278, 279, AP-Kuditre Karvir, Kolhapur, Maharashtra (hereafter referred as 'The Unit') was carried out on 18.02.2021 by the team of CPCB, as surprise inspections of

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'परिवेश भवन' पूर्वी अर्जुन नगर, दिल्ली-110032

Parivesh Bhawan, East Arjun Nagar, Delhi-110032

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

about 50 randomly selected industries among 17 categories of highly polluting industries, as a special drive. Following major observations were made during the visit:

1. The unit was operational at its full production capacity of 5000 TCD at the time of visit. As per the production record crushing activity started from 09.11.2020.
2. The unit was having valid Consent to Operate under Air and Water act and Authorization under HW rules valid till 31.07.2021.
3. The unit meets its fresh water requirements from river Kumbhi.
4. The various unit operations & processes of ETP available in the unit are Process effluent (lime addition at process area) → Collection chamber → Buffer tank → Bar screen chamber → O & G traps → Distribution chamber → Equalization tank → Plain aeration → Activated sludge process → Secondary clarifier → Supernatant collection tank → Treated effluent discharge to lined lagoons for irrigation
5. The unit had installed electromagnetic flow meter at the final outlet of ETP.
6. As per the schedule-I and S. no. 1 of CTO; the unit has to provide ETP comprising of primary, secondary and tertiary treatment system. However, the inspection team found that the unit has not provided tertiary treatment system.
7. The unit has provided 02 nos. of brick lined lagoons of reported capacity of 2,000 & 3,000 m³ for storage of treated effluent of ETP during low demand period for irrigation. The total storage capacity is found inadequate for storing the treated effluent for 15 days.
8. The inspection team has observed that a natural drain carrying untreated domestic wastewater (reportedly generated from Kopardi Gram Panchayat) is passing near the periphery of unit and erstwhile confluences with Khumbi River. It is reported that the unit has diverted the domestic wastewater natural drain into one of the lagoon. After proportioning untreated domestic wastewater with the treated effluent of sugar industry, the same is discharged for irrigation.
9. The inspecting team has collected the water sample from outlet of secondary Clarifier and lab analysis report of the same is tabulated below:

Parameters	pH	SS	TDS	Chlorides	Sulphate	BOD	COD	O&G
Analysis results of the sample collected from outlet of Secondary Clarifier	5.49	206	2184	115	344	1506	2750	0.33
Limit prescribed by MPCB	5.5 - 9.0	100	2100	600	1000	100	250	10

*All values are in mg/l except pH.

The analysis results indicates that the concentration of pH: (5.49, not in the range of 5.5 - 9); SS: (206 > 100 mg/L); TDS: (2,184 > 2,100 mg/L); BOD: (1,506 > 100 mg/L) and COD: (2,750 > 250 mg/L) is found be exceeding the MPCB prescribed discharge standards.


10. The OCEMS was operational at the time of visit however the data was not being transferred to CPCB/MPCB server.

WHEREAS, the unit was found non-complying with the prescribed effluent discharge standards w.r.t. pH, TDS, TSS, BOD and COD along with other shortcomings; 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 M/s Kumbhi Kasari SSK Ltd., Kuditre 274, 275, 276, 277, 278, 279, AP-Kuditre Karvir, Kolhapur, Maharashtra should not be closed down until all the necessary pollution control measures are planned and implemented so as to comply with the prescribed effluent discharge standards and terms and conditions of the consent order including directions as given below:

- i. The unit should immediately discontinue discharge of effluent not conforming to thenotified standards to the ground/irrigation.
- ii. The unit should install the flow meter at the water abstraction point of river Kumbhi and maintain a logbook of the same.
- iii. The unit should carry out adequacy assessment report of its ETP through reputed Government institutes such as IIT/NEERI/VSI/NIT & accordingly augment the ETP provided so as to achieve the prescribed discharge standards.
- iv. The unit should maintain the record of operation and maintenance of ETP w.r.t. effluent treated and energy & chemical consumed.
- v. The unit should ensure proper O & M of the ETP to achieve optimum performance and continuous compliance of prescribed norms.
- vi. The unit should provide Properdisplay board at entry gate.
- vii. Unit shall ensure periodic calibration of the analyzers as per Standard Operating Procedure/recommendations of the supplier and submit the calibration results.
- viii. The unit shall prepare and submit a comprehensive irrigation management plan for utilization of treated effluent from ETP in accordance with the notified treated irrigation protocol for Sugar industries and ensure compliance of treated effluent loading rate for irrigation.
- ix. The unit shall report to CPCB regarding closure of manufacturing operations in compliance of the direction immediately on receipt of this direction.
- x. The unit shall seek permission from CPCB before resumption of the manufacturing operations.

The unit is hereby given an opportunity to file your objections (if any) to the above proposed directions and submit a time bound action plan for compliance of above 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.


(Naresh Pal Gangwar)
CHAIRMAN

Copy to:

- 1) **The Member Secretary,** : For ensuring compliance of directions
Maharashtra Pollution Control Board please.
2nd, 3rd & 4th Floor,
Opp. Cine Planet, Near Sion Circle,
Sion (E), Mumbai- 400022
- 2) **The Regional Director,** : For follow up and ensuring compliance
Regional Directorate of the direction.
Central Pollution Control Board,
ROW House No. 1, Sanjivani Nisarg
Balewadi Pune - 411045
- 3) **The Director, (CP Division),** : For information, pl.
Ministry of Environment, Forests & CC,
Prithvi Block, Indira Paryavaran Bhawan,
Jorbagh Road, New Delhi - 110 003
- ✓ 4) The Div. Head, IT Division, CPCB Delhi : To upload direction at CPCB Website,
pl.
- 5) The Div. Head, IPC-VI, Division, CPCB Delhi : For information, pl.
- 6) The Div. Head, IPC-III Division, CPCB Delhi : For records purpose.


(Prashant Gargava)
MEMBER SECRETARY