



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

File No: CP-11/2/2024-IPC-III-HO-CPCB-HO

February 01, 2024

To,

M/s Shah Paper Mills Limited,
Plot No-97, GIDC Estate, Vapi-396195

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) and air pollution control devices (APCDs) to comply with the effluent 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, M/s Shah Paper Mills Limited, Plot No-97, GIDC Estate, Vapi (hereafter referred to as 'the Unit') is involved in the production of manufacturing of Printing/Writing /News/ Print paper having consented capacity of 5500MT/M using waste paper as raw material.; and

WHEREAS, the Unit was inspected by a team of officials from CPCB on 02.11.2023 to verify the compliance status under "Environmental Surveillance of 17 category of high pollution potential industries and common facility, based on OCEMS data programme". The inspection team has made the following observations:

1. During inspection, the Unit was found in operation.
2. The Unit has valid Consents (Consolidated Consent & Authorization) with validity up to 30.06.2027.
3. As per the Consent, total quantity of effluent generation is 7495 KL/Day. The Unit recycles 7370 KLD quantity of treated water & discharged 125 KLD to CETP through GIDC drainage system.
4. During visit, ETP was found in operation. The Unit ETP comprises of Waste water collection tank, Hill Screen (60 mesh size), Filtrate water collection, Primary Clarifier, Aeration Tank, Secondary clarifier, Treated water tank (1) & (2). A part of final treated wastewater (125 KLD) is discharge to CETP and remaining treated waste water is recycled in the process.
5. During the visit, grab samples of wastewater were collected from inlet of ETP, Treated wastewater from outlet of Secondary clarifier and final discharge point into the CETP through GIDC drainage system. The lab analysis results of the final discharge wastewater reveals that the parameters are meeting the CETP inlet norms as per CC&A standard. The analysis result of final discharge point showed: pH- 7.75 (against norms of 6-9), TSS-41 mg/l (against norms of 300), FDS-1938 mg/l (against 2100), COD-519 mg/l (against 1000), BOD-97 mg/l (against 400).
6. As part of OCEMS, the Unit has installed digital flow-meter and one Web camera at the final discharge line of GIDC drainage system. The flow-meter is connected to CPCB server, however, Web camera is not connected to GPCB/CPCB server.
7. The stack monitoring was carried out for three parameters (prescribed in the CC&A) namely, PM, SO₂ and NO_x. The lab analysis results against CC&A norms are: PM-23.24mg/Nm³(against 50), SO₂ 69.79 (against 600 ppm) NO_x-232 (against 300 ppm) showing compliance with consented emission norms.

'परिवेश भवन' पर्वी अर्जुन नगर, दिल्ली-110032

Parivesh Bhawan, East Arjun Nagar, Delhi-110032

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

8. The Unit has installed OCEMS for PM, SO₂ and NO_x parameters in stack attached with boiler. Online data for parameter of PM, SO₂ & NO_x were 23.33, 17.83 & 44.83 respectively. The concentration of NO_x parameter measured through manual monitoring and real-time online monitoring shows significant difference. The Unit did not provide calibration certificate of OCEMS.
9. The Unit has provided display board at the main entrance gate, however, displayed information is not clearly visible.
10. During visit, about 95 MT non-recyclable plastic waste was stored in the premises of Unit. It was informed, that earlier Unit disposes the generated plastic waste through manifest system in the waste to energy boiler located at unit-1 plot no-5202 Phase-III GIDC Vapi (a sister concern unit of M/s Shah Paper Mill Limited). The Unit was registered in accordance with the provision of Rules13(2) of the Plastic Waste Management Rules, 2016 vide registration number GPCB/PWMR/PMS/2021/196 dated 23.09.2021 having validity till 22.09.2024.
11. During the visit, it was observed that waste water leached from the collected plastic waste from drum pulper spreads on the floor of plastic waste storage area leading to wastewater collection tank. The management of non-recyclable plastic waste needs to be improved.

WHEREAS, it is evident from the above observations that the Unit's OCEMS (Web camera) is not connected with CPCB/GPCB server. And it has also been observed that data display board at entrance gate was not clearly visible and management of non-recyclable waste was not in sound manner; 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 above observations and in exercise of the powers delegated to the Chairman, CPCB under section 5 of the Environment (Protection) Act, 1986, the following directions are issued to the Unit [**Ms Shah Paper Mills Limited**, Plot No-97, GIDC Estate, Vapi-396195] for compliance and submit the action taken report (duly notarized) to CPCB:

1. The installed Camera shall be connected to CPCB server as per CPCB OCEMS guidelines within 30 days.
2. The data display board at the entrance gate shall be updated regularly by the Unit.
3. The Unit shall ensure periodic calibration of the analyzers as per Standard Operating Procedure/recommendations of the supplier and submit the calibration results.
4. The plastic waste generated from the pulper /process shall be managed & disposed of in a scientific manner following the Rules and leachates (from the collected plastic waste) shall be channelized to the wastewater collection tank leading to ETP.

In case of default in compliance with the above directions, CPCB will be constrained to initiate appropriate actions against the Unit, without giving any further notice, in accordance with the provisions of the Environment (Protection) Act, 1986.


(TANMAY KUMAR)
CHAIRMAN



Copy to:

1. The Member Secretary,

Gujarat Pollution Control Board
Paryavaran Bhavan, Sector 10 A,
Gandhinagar, Gujarat-382010

:For kind information and necessary action, pl.

2. The Regional Director

Regional Directorate - Vadodara
Central Pollution Control Board
Parivesh Bhawan, Opp. Ward No. 10 VMC
Office Subhanpura, Vadodara - 390 023

:For kind information and follow-up pl.

3. The Director (CP Division)

Ministry of Environment, Forest and
Climate Change, Indira Paryavaran
Bhavan Jorbagh Road
New Delhi -110003

:For kind information pl.

✓ **4. Divisional Head-IT Division, CPCB**

:To upload the direction at CPCB website pl.



**(BHARAT KUMAR SHARMA)
MEMBER SECRETARY**

