



By Speed Post

CP-11/48/2023-IPC-III-HO-CPCB-HO

October/2, 2023

To,

M/s Niox Speciality Paper Mills,
Plot No.14, Nirmal Industrial Estate,
GIDC Gozaria, Ta.Gozaria, Distt.Mehsana,
Gujarat-382525

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, 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

WHEREAS, M/s Niox Speciality Paper Mills, Plot No.14, Nirmal Industrial Estate, GIDC Gozaria, Ta.Gozaria, Distt. Mehsana-382525, Gujarat (*hereafter referred to as 'the Unit'*) is involved in the production of Absorbent Base Paper (250MT/Month), Absorbent Craft Paper (500MT/Month), High Strength Craft Paper (50MT/Month), Colour Paper (50MT/Month), Wrapping Paper (50MT/month); and

WHEREAS, the Unit was inspected by a team of officials from CPCB on 17.07.2023 to verify the compliance status under OCEMS surveillance (SMS alert/offline) 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 22.09.2026.
3. As per water balance submitted by the Unit, freshwater consumption is 95 KLD. The source of freshwater is through Shri Hariom Industrial Cooperative Estate Ltd. The Unit has also provided bore well for extraction of groundwater, however, permission from the concerned Ground Water Authority is not yet obtained.
4. The Unit has provided ETP comprising of Collection tank, Primary Settling Tank, Nutch Filter, Secondary Settling Tank, Sand Filter, Activated Carbon Filter, Effluent Storage Tank. GPCB has amended the CCA vide order dated 28.06.2023 and permitted the Unit to exclude Aeration Tank. The amended ETP comprises of collection tank, settling tank, Lamella, Clarifier, activated carbon filter and was not operational during the visit.

‘परिवेश भवन’ पर्वी अर्जुन नगर, दिल्ली-110032

Parivesh Bhawan, East Arjun Nagar, Delhi-110032

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

5. During visit, the **ETP was found non-operational**. All the tanks of ETP found filled with sludge. As the ETP was found almost full with sludge, wastewater from ETP mix with rainwater has covered the open land. However, the condition of ETP shows negligence and has resulted in such overflow in past. Spread of such high concentrated wastewater on open land near ETP area have potential of contamination of soil in the area and contamination of groundwater.
6. During visit grab sample of wastewater was collected from collection tank as **no treatment system was in operation** and reportedly same wastewater (after screening) is recycled back. The lab analysis results of effluent showed pH-5.6 (against GPCB norms of 6.5-8.5), Colour-7827 (GPCB norms-100 hazen), TSS-4530 (GPCB norms-100 mg/l), TDS-31388 (GPCB norms-2100 mg/l), COD-27590 (GPCB norms-100 mg/l), BOD-13133 (GPCB norms-30 mg/l), Chloride-3327 (GPCB norms-600), Sulphate-2177 (GPCB norms-1000 mg/l), Oil & Grease-16.8 (GPCB norms-10 mg/l) which reveal that the **wastewater sample exceeds the GPCB norms** for all analysed parameters except SAR, Chromium and Cadmium.
7. The Unit has provided Air Pollution Control Device (APCD) and was found operational during inspection. The source emissions monitoring was carried out during the visit and lab analysis results found **PM-476 mg/Nm³** (against 150), **SO₂-120.4 ppm** (against 100 ppm), **NO_x-51.0 ppm** (against 50 ppm). The source emission monitoring results reveals that **all the monitored parameters found non-complying with the standard prescribed by GPCB**. The boiler was operating at about 50% load during the visit.
8. During visit, the OCEMS was not found working since last one year.
9. The Unit has installed magnetic flow-meter in the transfer line of wastewater from ETP to process area and shown records during visit. It was found that the reading of flow-meter (as observed during visit) varies with the records. It seems that the Unit is not maintaining actual records.
10. The other waste associated with the import waste paper like plastic, metals wire etc. are found stored on open land. Heap of ash generated from boiler was also found stored on open land.
11. In boiler section, the ash chute of cyclone was open and due to wind re-suspension of dust creating the dusty environment in the boiler section. Fugitive emission was observed from the coal feeding line.
12. The Unit has provided display board inside the entry gate. However, the same was not updated at the outside of Gate.

WHEREAS, it is observed from the inspection report that the Unit is violating the consent condition issued under the Water Act, 1974 and Air Act, 1981 by not operating the ETP, non-complying with the GPCB consented standard for reusing effluent, non-complying with the GPCB emission standard for PM, SO₂ and NO_x parameters, non-functional OCEMS since 01 years, etc. This act of Unit, i.e., violating the consented standard for effluent and emission parameters and non-operation of ETP, is likely to cause grave injury to the environment.

NOW, THEREFORE, in view of the above and in exercise of the powers delegated to the Chairman, CPCB under section 5 of the Environment (Protection) Act, 1986, **the Unit [M/s Niox Specialty Paper Mills, Plot No.14, Nirmal Industrial Estate, GIDC Gozaria, Ta.Gozaria, Distt.Mehsana, Gujarat] is hereby directed to "close down all its manufacturing operations"** till compliance of the following:

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1. The Unit shall report to CPCB and GPCB regarding closure of manufacturing operation immediately on receipt of this direction and also submit the "Self-Certificate" (format enclosed) for closure compliance to CPCB.
2. The Unit shall provide flow-meters at inlet and outlet of ETP and to maintain proper logbook record.
3. The Unit shall obtain permission from concerned groundwater Authority for extracting groundwater from bore-wells.
4. The Unit shall remove the top dried patches near ETP area and disposed of it scientifically and make adequate arrangement to store wastewater so that overflow should not spread on open land.
5. The Unit shall provide the connectivity of its OCEMS to CPCB server immediately and ensure periodic calibrate of OCEMS as per SOP/CEMS guidelines so as to obtain continuous reliable data.
6. The Unit shall provide proper and closed collection system to ash generating points of APCD and maintain the leakages to arrest fugitive emission.
7. The Unit shall provide storage shed for boiler/fly ash & plastic waste and to maintain proper records for the waste generation and disposal.
8. The Unit shall improve ventilation and overall housekeeping in the process area and plant.
9. The Unit shall provide the environmental display board including hazardous waste data at the outside of Gate and the same should be updated regularly.
10. The Unit shall take necessary measures so as to meet the prescribed effluent/emission standards.
11. The Unit shall seek permission from CPCB before resumption of the manufacturing operation.
12. The Unit shall submit duly notarized copy of status of compliance of this direction to CPCB.

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 provisions of the Environment (Protection) Act, 1986.

13/12/10
(TANMAY KUMAR)
CHAIRMAN

Copy to:

1. The Member Secretary

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

To ensure compliance of closure direction.

2. The General Manager,

Gujarat Urja Vikas Nigam Limited, Sardar Patel Vidyut Bhavan, Race Course, Vadodara Gujarat-390007

With request to dis-connect the industrial electric supply of the Unit in compliance of closure direction, allowing the supply only for domestic purpose.

3. The Regional Director

CPCB, Regional Directorate, Vadodara Parivesh Bhawan, Opp. Ward No. 10 VMC Office Subhanpura, Vadodara - 390 023

For kind information and follow-up pl

4. **The District Magistrate,**
Office of the Collector & DM, Jilla Seva
Sadan, First Floor, Block No. 3, M. S.
Building, Rajmahal Road, Mehsana, Gujarat,-
384001

To ensure compliance of closure
direction pl.

5. **The Director (CP Division)**
Ministry of Environment, Forest and Climate
Change, Indira Paryavaran Bhavan
Jorbagh Road New Delhi - 110 003
India

For kind information pl.

✓ 6. Divisional Head-IT Division, CPCB

To upload the direction at CPCB
website pl.



(BHARAT KUMAR SHARMA)
MEMBER SECRETARY

