



By Speed Post

CP-11/1/2024-TECH-RD-CHANDIGARH-RD(Chandigarh) ⁶³⁷⁷ November 4, 2024

To,

M/s Ladhar Paper Mills
Village Ladhran, National Highway 71,
Nakodar-Malsian Road,
Tehsil-Nakodar, District Jalandhar (Punjab)

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 Ladhar Paper Mills, Nakodar District Jalandhar Punjab, (hereafter referred to as 'the Unit') is engaged in the production of writing & printing paper using indigenous wastepaper as raw material with production capacity of 100 TPD. The Unit has valid Consent to operate upto 31.03.2028 under the Water & Air Act and also has Authorization under Hazardous & Other Wastes Rules, 2016 with validity up to 18.07.2026.

WHEREAS, Central Pollution Control Board (CPCB) carried out the inspection of M/s Ladhar Paper Mills, Nakodar District Jalandhar (Punjab), (hereafter referred to as 'the Unit') on 30.07.2024 under 'Environmental surveillance of 17 categories of highly potential industries and common facilities' based on real-time OCEMS (online continuous effluent monitoring system) data programme. The major observations made by the inspection team are given below:

1. The Unit has ETP based on physico-chemical followed by anaerobic-aerobic process. During visit, the samples were collected from the ETP. The analysis results of ETP outlet shows pH-8.1 (against 7-8.5), TSS-43 (against 50 mg/l), COD-119 (against 350 mg/l), **BOD-37** (against 30 mg/l) which shows **non-compliance** with respect to **BOD parameter**.
2. The Unit has submitted application for permission of groundwater extraction from tube well before the Punjab water regulation & Development Authority(PWRDA).
3. The value of MLSS and MLVSS concentration found to be 689 mg/l and 437 mg/l respectively which indicates poor operation & maintenance of the ETP.
4. The Unit has installed OCEMS at outlet of ETP and online value recorded during visit are lower than lab result except COD value.

'परिवेश भवन' पूर्वी अर्जुन नगर, दिल्ली-110032

Parivesh Bhawan, East Arjun Nagar, New Delhi - 110032

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

5. As per logbook records, total wastewater generation is about 370 m³/day, out of which 79 m³/day of ETP treated water is reused in the process as per requirement and remaining 291 m³/day was discharged onto land for plantation developed in an area of 14 acres. The Unit has not prepared irrigation management plan (IMP) as per CPCB guidelines.
6. The Unit, having 01 boiler of 14 TPH capacity using rice husk as fuel, has installed APCD (cyclone followed by scrubber). At the time of visit, team observed that the Unit was operating wet scrubber without any scrubbing medium.
7. The Unit has installed online continuous monitoring emission system (OCEMS) however, the calibration certificate of OCEMS was not provided during visit.
8. The primary and secondary sludge is mixed and sold to authorized board manufacturing Units. However, the use of secondary ETP sludge is not permitted for board manufacturing as per SOP issued by CPCB for utilization of process sludge and primary sludge of ETP, in board manufacturing.

WHEREAS, it is evident from the above observations that the Unit is non-compliance w.r.t BOD discharge standard and operation & maintenance of aeration tank was poor (MLSS and MLVSS was low). The Unit has also not prepared any irrigation management plan and providing secondary ETP sludge to paper board manufacturing plant which is not permitted as per CPCB SOP/guideline.

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 **M/s Ladhar Paper Mills**, Village Ladhran, Nakodar, District Jalandhar, Punjab for compliance:

1. The Unit shall ensure proper operation and maintenance of ETP including maintenance of optimum MLSS & MLVSS concentration in the aeration tank so as to achieve the consented effluent standard and also submit the lab analysis report of treated effluent of ETP from EPA/NABL recognized/accredited lab to CPCB within 30 days.
2. The Unit shall ensure the proper operation & maintenance of APCD device including wet scrubber so as to achieve the prescribed emission standard.

3. The Unit shall prepare the irrigation management plan (IMP) for the use of treated effluent in accordance to CPCB guideline and submit the report to CPCB and SPCB within 90 days.
4. The Unit shall not mix the secondary ETP sludge with primary sludge so as to ensure that secondary ETP sludge should not be used for paper board manufacturing.
5. The Unit shall obtain permission from Punjab Water regulation & Development Authority (PWRDA) for extraction of the groundwater.
6. The Unit shall ensure regular maintenance & calibration of the real -time on-line monitoring system as per SOP/CEMS guidelines and submit the calibration certificate to CPCB.
7. The Unit shall submit duly notarized compliance status of above directions to CPCB within 30 days of issuance of this direction along with photographic and documentary evidences.

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,
Punjab Pollution Control Board
Vatavaran Bhawan, Nabha Road,
Patiala, Punjab | For kind information and
necessary action pl. |
| 2. The Regional Director
REGIONAL DIRECTORATE – CHANDIGARH,
Central Pollution Control Board (CPCB),
BSNL Telephone Exchange, 2nd Floor,
Sector -49 C, Chandigarh – 160047 | 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 – 110 003
India | For kind information pl. |
| 4. <input checked="" type="checkbox"/> Divisional Head-IT Division, CPCB | To upload the direction
at CPCB website pl. |
| 5. Divisional Head - IPC-VI Division, CPCB | For kind information pl. |


(BHARAT KUMAR SHARMA)
MEMBER SECRETARY

