



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 Post/E-mail

File No.: PJ-14011(12)/5/2024-WQM-II-HO-CPCB-HO 27 Nov, 2024
6695

To,

M/s Shewan Tannery,
Jajmau, District- Kanpur,
Uttar Pradesh- 208010

Directions under Section 5 of the Environment (Protection) Act, 1986-reg.

WHEREAS, Tanneries 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/emission of environmental pollutants for various categories of industries under the Environment (Protection) Act, 1986 and the rules framed thereunder; 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 discharge and emission standards as notified under the Environment (Protection) Act, 1986 and the rules framed thereunder and also to meet the consent conditions granted by State Pollution Control Boards (SPCBs)/ Pollution Control Committees (PCCs); and

WHEREAS, there is need to promote self-regulation and self-promotion within the industries for complying with the prescribed standards and this can be achieved by the methods like installing Online Effluent and Emission Monitoring Devices; and

WHEREAS, 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 by Central Pollution Control Board (CPCB) on 05.02.2014 to all the SPCBs/ PCCs for installation of Online Effluent Monitoring System w.r.t. pH, BOD, COD, TSS and Flow parameters in Tanneries; and

WHEREAS, the inspection of M/s Shewan Tannery, Jajmau, District- Kanpur (UP) (hereafter referred as "Unit") was carried out by CPCB, RD Lucknow officials on 09.04.2024 under SMS alerts based inspections (offline): Environment surveillance of 17 categories of high pollution potential industries and common facilities based on OCEMS data and the unit found non-operational due to roster; and

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(Signature)

WHEREAS, Since the unit was found non-operational in earlier inspection due to roster, the unit was re-inspected by CPCB, RD Lucknow on 31.07.2024 and following observations were made during the inspection:

1. The unit was engaged in processing of raw hide to finished leather & goods with reported capacity of 1875 kg/ day (75 hides/day, which is a restricted capacity at 50%). During inspection, unit was found in operation.
2. The unit has Consolidated Consent under Air (Prevention and Control of Pollution) Act, 1981 and Water (Prevention and Control of Pollution) Act, 1974 which is valid upto 31.12.2028.
3. The unit has been granted Authorization under Hazardous Waste (Management Transboundary Movement) Rules, 2016 which is valid upto 13.04.2027.
4. The unit has installed 01 borewell for which NOC from State Ground Water Department has been obtained which is valid upto 17.12.2028. Flow meter is installed at borewell.
5. Non chrome bearing effluent generated from the unit was treated through Primary Effluent Treatment Plant (PETP), which comprises of following units: Screen, Collection Tank & Equalization Tank, Reaction Tank, Settling Tank, Treated Effluent tank, Sludge Drying Bed. Flow meter was installed at PETP outlet.
6. Chrome bearing effluent was being treated through in house Chrome Recovery Plant (CRP) which comprises of Collection tank, Reaction Tank and Storage Tank. No flowmeter and separate energy meter were found installed at CRP.
7. Samples were collected from PETP inlet and outlet. The analysis results of PETP inlet shows pH- 7.82, TSS- 431 mg/l, TDS- 6354 mg/l and Total Cr- 15.305 mg/l and PETP outlet result shows pH- 7.99, TSS- 314 mg/l, TDS- 9248 mg/l and Total Cr- 11.415 mg/l. There is an increase in pH (7.99) and TDS (9248 mg/l) at PETP outlet as compared to the PETP inlet (pH- 7.82 and TDS- 6354 mg/l) which could be due to uncontrolled chemical dosing. Also, as per the analysis results, the unit is non-complying w.r.t. **Total Cr- 11.415** against the prescribed standard of 10 mg/l.
8. Online Continuous Effluent Monitoring System (OCEMS) at the outlet of PETP was found installed.
9. Logbook of PETP operation hours, equipment breakdown, daily power consumption etc. were not maintained.
10. Logbooks for sludge generation, PETP and CRP operation etc. were not having signature of concerned person.
11. PETP sludge was found stored in sludge storage room which is disposed off at TSDF, M/s Bharat Oil & waste Management Ltd., Kanpur, Kanpur Dehat (UP).
12. As per consent issued by UPPCB, permission is granted for DG sets having capacity of 125 KVA, 65 KVA and 5 KVA. However, unit has three DG sets with capacity 2 X125KVA & 65 KVA which is more than the consented capacity. DG sets were not equipped with acoustic enclosure and stack height as per CPCB guidelines.
13. The unit has provided display board regarding hazardous substances and waste at main gate but information was not updated as per guidelines.

AND WHEREAS, CPCB has verified the OCEMS connectivity and as per the report dated 28.10.2024 it is evident that the unit is connected to CPCB server and the last data was received on 28.10.2024; and

WHEREAS, the Ministry of Environment, Forest and Climate Change, Government of India, vide Notifications No. S.O. 157 (E) of 27.02.1996, and S.O. 730(E) dated 10.07.2002, has

delegated the powers vested under Section 5 of the Environment (Protection) Act, 1986 (29 of 1986) to the Chairman, Central Pollution Control Board, to issue directions to any industry or any local body or any other authority for violations of the standards and rules notified under the Environment (Protection) Rules, 1986 and amendment thereof;

NOW, THEREFORE, in view of the above mentioned observations and in exercise of the powers delegated to the Chairman CPCB, under section 5 of the Environment (Protection) Act, 1986, the unit, **M/s Shewan Tannery, Jajmau, District- Kanpur (UP)** is hereby directed to comply with the following technical directives:

1. To ensure proper Operation & Maintenance of PETP to meet out the consented PETP discharge norms.
2. To ensure 24*7 uninterrupted connectivity & regular transmission of OCEMS data to CPCB/ UPPCB server, any failure, in this regard shall be reported and rectified at the earliest.
3. To ensure regular Operation & Maintenance and calibration of OCEMS to obtain continuous & reliable results and maintain record for the same.
4. To ensure compliance w.r.t installed capacity of DG sets, as per the consent granted by UPPCB.
5. The unit shall provide acoustic enclosures to DG sets to ensure the maximum permissible sound pressure level be 75 dB(A) at 1 metre from the enclosure surface as applicable for diesel generator sets (upto 1000 KVA)] as notified vide G.S.R. 371(E) dated 17/5/2002 under the Environment (Protection) Act, 1986. Further, the unit shall also provide stack height for DG sets as per CPCB guidelines.
6. To maintain proper logbook for PETP & CRP with details of PETP operation hours, equipment breakdown, Daily Power consumption etc. All the logbooks should be duly signed by concerned person.
7. To maintain proper logbook for generation and disposal of fleshing& buffing waste.
8. To install flow meter and separate energy meter at CRP.
9. To ensure regular updation of information regarding hazardous substances and waste on display board at main gate as per guideline.
10. To ensure installation of cleaner technology and waste minimization technology as per consent conditions.
11. To submit the membership certificate of CETP.
12. To ensure proper segregation, collection and conveyance of spent chrome tanning drum through dedicated collection and conveyance system without mixing with other waste streams.

M/s Shewan Tannery, Jajmau, District- Kanpur (UP) shall ensure the compliance of directions mentioned above and submit duly notarized point wise reply along with measures taken in compliance to all points mentioned at Sr. No 1 to 12 within 30 days from the date of issuance of directions. In case of failure, the Board will be constrained to initiate action in accordance with the provisions of the Environment (Protection) Act, 1986.


(TANMAY KUMAR)
CHAIRMAN

Copy to:

1 Member Secretary,

Uttar Pradesh Pollution Control Board,
Building No. TC-12V, Vibhuti Khand,
Gomti Nagar, Lucknow – 226 010

: For kind information, please

2 Additional Secretary (CP Division),

Ministry of Environment, Forest and
Climate Change, Prithvi Block,
Indira Paryavaran Bhawan,
Jorbagh Road, New Delhi – 110003

: For kind information, please

3 Regional Director,

Regional Directorate
Central Pollution Control Board,
PICUP Bhawan, Ground Floor,
Vibhuti Khand, Gomti Nagar,
Lucknow – 226 010

: With the request to follow up &
ensure compliance of the
directions.

4 Divisional Head,

IT Division, CPCB, Delhi

: With the request to upload the
Directions on CPCB website.

5 Divisional Head,

IPC-VI Division, CPCB, Delhi

: For kind information, please.



**(BHARAT KUMAR SHARMA)
MEMBER SECRETARY**

