



M/s. Allied Leather Fin **केन्द्रीय प्रदूषण नियंत्रण बोर्ड**

CENTRAL POLLUTION CONTROL BOARD

पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय भारत सरकार

SPEED POST MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE GOVT. OF INDIA

B-19003/Tannery/WQM-II/CPCB/2013-14 8360

Aug 17, 2017

To

M/s. Allied Leather Finisher Pvt. Ltd.,
Plot No. F 27, 28, 42 & 43, Site 2 Industrial Area,
Dahi Chawki, Unnao, Uttar Pradesh.

Sub.: Directions under Section 5 of the Environment (Protection) Act, 1986 regarding installation of on-line effluent and emission monitoring system

WHEREAS, the 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 of environmental pollutants from various categories of industries under the Environment (Protection) Act, 1986 and the rules framed there under; and

WHEREAS, there is need to inculcate habit of self-monitoring 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, for strengthening the monitoring and compliance through self-regulatory mechanism, online source emission and effluent monitoring systems need to be installed and operated by the industries on 'polluter pays principle' ; and

WHEREAS, 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 effluent monitoring system w.r.t. pH, BOD, COD, TSS, and Flow parameters in Tanneries; and

WHEREAS, considering the requests/ representations received from industries/ industrial associations/ SPCBs / PCCs, an extension of time up to June 30, 2015 for installation of online monitoring systems was granted vide direction dated March 02, 2015 under section 18 (1) (b) of the Water (Prevention & Control of Pollution) Act, 1974 and the Air (Prevention & Control of Pollution) Act, 1981; and

WHEREAS, a letter vide dated May 29, 2015 was issued by the Chairman CPCB to all the SPCBs/ PCCs informing that no further extension of time will be given after June 30, 2015 and withdrawal of consent to operate along with forfeiture of bank guarantee of non-complying units; and

WHEREAS, concerned SPCB/ PCC issued directions under section 33A of the Water (Prevention & Control of Pollution) Act, 1974 and section 31A of the Air (Prevention & Control of Pollution) Act, 1981 to install the online monitoring system by June 30, 2015 and to submit bank guarantee of 100% of the cost of online emission & effluent monitoring system; and

WHEREAS, the Ministry of Environment & Forests, 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; and

'परिवेश भवन' पूर्वी अर्जुन नगर, दिल्ली-110032

Parivesh Bhawan, East Arjun Nagar, Delhi-110032

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

Whereas, a team of officials from CPCB, RD-Lucknow inspected the site of your unit (i.e. M/s. Allied Leather Finisher Pvt Ltd., Unnao) on 26.05.2017 and observed the following:

1. The unit was in operation at the time of the visit and engaged in 'wet blue to finished leather' operations with consent under Water/Air Acts valid upto 31.12.2017 and HW authorization valid upto 30.11.2017. The processing capacity is 150 Buffalo hides / day (750 kg/day)
2. The major raw materials used are wet-blue hides, fat liquor and vegetable synta and the process includes liming, deliming and pickling.
3. The unit requires 32 KLD of water through one bore-well and installed flow meter and maintained logbook for freshwater use.
4. The unit generates about 20 m³/day of wastewater and treat the same in ETP comprising equalization tank, primary settling tank, aeration tank, secondary settling tank, multi grade filter, activated carbon filter and sludge drying beds. The treated wastewater is discharged into Loni drain which joins River Sai. River Sai meets Rive Gomti which confluence with River Ganga.
5. Flow meter is installed at the outlet of ETP and logbook is maintained for effluent discharge. Online monitoring system for pH, TSS, BOD and COD is provided and connected to CPCB server. At the time of inspection, the online reading of pH, TSS, BOD and COD were observed as 7.38, 0.98 mg/l, 25.9 mg/l and 235 mg/l respectively which have large variation with respect of sample collected during inspection.
6. The lab analysis report of sample collected from ETP outlet showed pH, TSS, BOD, COD, sulphide, oil and grease and total Cr values of 8.23, 152 mg/l, 214 mg/l, 687 mg/l, 70 mg/l, 8.24 mg/l and 2.4 mg/l respectively, indicating that the quality of effluent is not meeting the stipulated discharge standards. MLSS and MLVSS values in aeration tanks were also very low indicating poor operation/maintenance of ETP.
7. The values of online monitoring system and lab report showed wide variation which indicates poor maintenance of online monitoring system. The pump provide to lift the treated effluent to online analysers is found defunct.
8. The ETP sludge (120 kg/day) and buffing dust (20 kg/day) are collected and stored in the unit for disposal at common TSDF facility (M/s. IISL, Banthar, Unnao) and to leather board manufactures respectively. No logbook is maintained for hazardous waste and other solid waste generation and disposal.
9. The unit has one boiler (6 TPH) using coal as fuel and emission from boiler is emitted through Multi cyclone dust collector to stack of 30 mt height.
10. The unit has two DG sets (320 KVA and 480 KVA) with acoustic enclosures but inadequate stack height.

NOW, THEREFORE, in exercise of powers vested under Section 5 of the Environment (Protection) Act, 1986 you are directed to close down all operations till the compliance of following directions:

- (i) To take corrective measures for upgradation and proper operation & maintenance of ETP so that the quality of the treated effluent from the ETP outlet meets the prescribed discharge standards.
- (ii) To repair the pump installed for lifting of treated effluent to online analysers and maintain the online monitoring system properly so as to minimise the difference between online and laboratory data.
- (iii) To provide adequate stack height to DG sets.

- (iv) To maintain proper log book for HW/solid waste generation and disposal.
- (v) To obtain NOC from CGWA for ground water abstraction.



(S. P. Singh Parihar)
Chairman
18/08/2017

Copy to:

1. The Chairman, Uttar Pradesh Pollution Control Board, Building No. TC-12V, Vibhuti Khand, Gomti Nagar, Lucknow - 226010. - with a request to ensure compliance of the directions please.
2. The Advisor (CP Division), Ministry of Environment, Forest & C.C., Prithvi Block, Indira Paryavaran Bhawan, Jorbagh Road, New Delhi - 110003. - For information and necessary action please
4. Regional Director, Regional Directorate- North, Central Pollution Control Board, PICUP Bhawan, Gound Floor, Vibhuti Khand, Gomti Nagar, Lucknow - 226010.
5. The Incharge, IT Division, CPCB-HO.



(A.B. Akolkar)
Member Secretary