

Speed Post

File No. B-751 (439)/Textile/WQM-II/CPCB/2017-18

Date: 09-03-2018

18287

12-03-2018

To,

**M/s Kanpur Texel (P) Limited,
12-B-3, Dadanagar,
Kanpur City, Uttar Pradesh**

DIRECTION UNDER SECTION 5 OF THE ENVIRONMENT (PROTECTION) ACT, 1986

WHEREAS, the Textile, Dyeing & Bleaching industries have been identified as one the Grossly Polluting Industries (GPI) which have been discharging effluents directly or indirectly on land and into water, having potential threat to cause adverse effect on land and the ambient water quality; and

WHEREAS, there is a 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, M/s Kanpur Texel (P) Limited, 12-B-3, Dadanagar, Kanpur City, Uttar Pradesh (hereafter referred to as the 'Unit') is textile processing unit (dyeing and bleaching); and

WHEREAS, the unit was inspected on 05.01.2018 by a joint team of CPCB and UPPCB official to verify the compliance status and following observations are made:

1. The Unit was **operational** during the day of inspection.
2. The Unit is involved in dyeing/bleaching.
3. The ETP consists of Collection tank-Equalization tank, Chemical dosing system-Tube settler, Dual media filter, pH correction tank, Sludge drying beds.
4. The unit has obtained valid consent under Water/Air Acts from UPPCB valid upo 31.12.2019.
5. The unit has applied for Hazardous Waste authorization.
6. The unit has made a temporary storage facility of ETP sludge within its premises. The ETP sludge waste is disposed through TSDF at Kanpur Dehat (UP).
7. Date of last calibration of OCEMS system is 10.11.2017.
8. The unit operates only during the day time and its process operation and ETP are closed during night hours and as also on Sunday and other holidays.
9. OCEMS established at the outlet of ETP has its sensors placed in a small tank; overflow from the tank is released through a closed pipe into a recipient industrial drain outside unit premises. During the period of non-operation of the unit, the sensors placed in the tank keep recording the quality of treated effluent (stored) in the tank, thus giving rise exceedence in the quality generating SMS alerts.
10. Variation in the effluent quality data noted at on-line system of the unit as compared with the analytical results of sample collected simultaneously during the inspection, which are as under:

S. No.	Parameter	Comparative Status	
		As per online system data dated 05.01.2018	As per laboratory analysis
1	pH	7.08	7.11
2	TSS	5.3	28.2
3	COD	91.3	478
4	BOD	10.5	220

11. From the above results, it can be inferred that significant variation is noted in online data and actual (manual) monitoring data.

12. Sample of treated wastewater were collected from outlet of ETP to assess the overall efficiency of ETP and the analytical results are as under:

Sampling locations	Parameters*								
	pH	TSS	COD	BOD	O&G	T-Cr	Fe	Pb	Zn
Outlet	7.11	28.2	478	220	<5	<0.2	0.14	0.02	0.16
Standard**	6.5-8.5	100	250	30**	10	2.0	-	-	-

* All values are in mg/l except pH, **Standard value as prescribed by E(P) Act, 1986; GSR978 (E) dated 10.10.2016.

13. It is evident from the results that the Unit is not meeting with the prescribed effluent discharge standard w.r.t. BOD-220 mg/l (as against standard 30 mg/l) and COD-478 mg/l (as against standard 250 mg/l) at ETP outlet.

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

NOW, THEREFORE, in view of the above observations and exercising powers delegated to the Chairman, Central Pollution Control Board under section 5 of the Environment (Protection) Act, 1986, the following directions are being issued:

1. The Unit **M/s Kanpur Texel (P) Limited, 12-B-3, Dadanagar, Kanpur City, Uttar Pradesh** shall close down all manufacturing operations with immediate effect.
2. The Unit shall report to CPCB regarding closure of manufacturing operations in compliance of the direction immediately on receipt of this direction.
3. The Unit shall submit adequacy assessment report of ETP duly validated by reputed institutions like IITs, NEERI, NPC, NIT etc.
4. The Unit shall submit time bound action plan for augmentation and upgradation of ETP systems to meet the prescribed standards.
5. The Unit shall ensure calibration of online continuous effluent monitoring system
6. It is advised that off-line (Manual) monitoring of treated effluent quality shall be performed at regular intervals and the off-line data be considered to cross-check on-line data generated by continuous on-line system. In the event of major deviation suitable corrective action shall also be initiated.
7. The practice of keeping ETP operation closed during period of non-operation of the unit on week days/holidays shall be stopped. Accordingly, considering Biological Treatment System of the ETP, the unit is required to keep the ETP in continuous operation for sustaining life of active biomass in the treatment system.
8. After completion of the above said measures, the Unit shall report to CPCB and seek permission from CPCB before resumption of their manufacturing operations.

Failure to comply with above directions will attract action in accordance with the provision of the Environment (Protection) Act, 1986.

(S. P. SINGH PARIHAR)
CHAIRMAN

Copy to:

1. **Chairman,** :[For kind information]
Uttar Pradesh Pollution Control Board
Building No. TC-12V, Vibhuti Khand,
Gomati Nagar, Lucknow
2. **The Advisor** (CP Division). :[For kind information]
Ministry of Environment, Forests & Climate
Change, Indra Paryavaran Bhavan,
Jor Bagh Road, New Delhi - 110 003
3. **The Regional Director,** :[To ensure compliance of the directions]
Regional Directorate (North),
Central Pollution Control Board,
PICUP Bhawan, Vibhuti Khand,
Gomati Nagar, Lucknow
4. **The District Magistrate** :[For implementation and compliance of
District- Kanpur the direction]
Uttar Pradesh
5. **The Superintendent Engineer** : [With the direction to disconnect power
Uttar Pradesh Power Corporation Limited, District- supply to the unit]
Kanpur
Uttar Pradesh-208022
6. **The Incharge IT Division, CPCB, Delhi** : [For uploading the direction into CPCB
website]
7. **Master copy (Textile), WQM-II Division,** :
CPCB, Delhi



(A.SUDHAKAR)
MEMBER SECRETARY