



CP-11/108/2021-IPC-III-HO-CPCB-HO/2415

July 06, 2022

To,

M/s Anurag Screen Prints  
(New name: Dharmaji Textile),  
Plot No.: 177/1, Near Shahwadi Octroi Naka,  
Shahwadi, Narol,  
Ahmedabad Gujarat - 382405

**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 & other standards and norms; and

**WHEREAS**, it is obligatory on the part of industries to install effluent treatment plants (ETPs) to comply with the effluent discharge 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**, an application was filed in Hon'ble NGT Principal Bench by Sh. Aditya Singh Chauhan regarding use of pet coke and ceramic tiles dust for heating of the boilers by the textile industries at Ahmedabad and Narol in Gujarat and Pali in Rajasthan. Further, it was also complained that hot boiler waste is improperly discharged on barren land leading to heaps of mounds of ash, which in turn generate air pollution; and

**WHEREAS**, Hon'ble NGT (PB) in OA no. 233 of 2021, Aditya Singh Chauhan Vs Central Pollution Control Board & Ors. vide order dated 25.11.2021 directed that the applicant should raise the issue first before the CPCB so that CPCB may, in coordination with the State PCBs and after interaction with the stakeholders, take a call in the matter; and

**WHEREAS**, a meeting was held on 21.01.2022, through Video Conferencing between Head Office, CPCB, Regional Directorate, Vadodara, CPCB, Regional Office, Ahmedabad (east), GPCB, and the applicant. It was decided in the meeting that a joint inspection will be carried out by CPCB, GPCB and the applicant to address the issue raised by the applicant; and

**WHEREAS**, M/s Anurag Screen Prints (New name: Dharmaji Textile), Plot No.: 177/1, Near Shahwadi Octroi Naka, Shahwadi, Narol, Ahmedabad - 382405 was inspected by the joint team of CPCB and GPCB on 07/03/2022 and following observations were made by the inspection team:

'परिवेश भवन' पूर्वी अर्जुन नगर, दिल्ली-110032

Parivesh Bhawan, East Arjun Nagar, Delhi-110032

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

1. The Unit having valid Consolidated Consent & Authorization issued by GPCB was found operational on the day of visit.
2. The unit is storing the coal used for boiler and Thermic Fluid Heater (TFH) in open area near boiler.
3. The unit has installed floating bed boiler and refractory aggregates were used as bed material in boiler to support fluidization of bed.
4. Closed belt conveyer system is provided for conveyance of coal and bucket elevator, however no measures were taken to control fugitive emission from the coal crusher and transfer point junctions.
5. It was also observed that the fly ash from APCD and bottom ash from the Boiler and TFH was stored in open in the boiler area along with glass wool.
6. The unit is handing over the fly ash and bottom ash to M/s H. K. Enterprise, who work of brick manufacturing.
7. The unit is not maintaining the record of actual quantity of the fly ash generated and disposed.
8. The unit has two bore wells in the premises. But the unit is not maintaining the logbook of quantity of ground water drawn from the bore wells.
9. The ETP is comprising of channel of raw effluent (Spent sulphuric acid and PAC dosing) → Collection tank → Zigzag channel (FeSO<sub>4</sub> and Lime dosing) → Primary clarifier → Treated effluent collection tank → Discharge to CETP, M/s NTIEM. Sludge from primary clarifiers is stored in sludge drying beds. ETP is apparently developed in retrofitting mode, as the units of ETP are not systematically placed.
9. The Chemical dosing in the ETP is done in Unscientific manner and Launder of secondary clarifier was reported as uneven with short-circuiting of flow.
10. The unit has obtained membership with the CETP of NITEM (Annexure - 18) for disposal of treated effluent into CETP for further treatment of the effluent. The discharge booking quantity of the unit to CETP is 450 KLD as per the certificate submitted by the unit.
11. It was also reported that, there is a huge discrepancy in the quantity of treated wastewater disposed to CETP, as per records provided by the unit and records provided by the CETP. Considering the data provided by CETP, it can be inferred that the quantity of the effluent generated is much more than the consented quantity of 450 KLD.
12. The industry is procuring and utilizing spent Sulphuric acid in ETP without obtaining required authorization under Rule-9 from GPCB.
13. The inspection team has performed stack monitoring of Steam Boiler and Thermic Fluid Heater and the analysis results are tabulated below:

Source of Sampling	Parameters		
	PM (mg/Nm <sup>3</sup> )	SO <sub>2</sub> (ppm)	NO <sub>x</sub> (ppm)
Common Stack attached to Steam Boiler (05TPH) and Thermic Fluid Heater (2000 U)	31	232.64	68.3
Limit as per CC&A	150	100	50

It is evident from the analysis result that the unit is non-complying w.r.t. SO<sub>2</sub> (which was 232.64 ppm against 100 ppm) and NO<sub>x</sub> (which was 68.3 ppm against 50 ppm) from stack attached to Thermic Fluid Heater.

14. The inspection team has also collected the sample from final treated effluent of the ETP and analysis results are tabulated below:

S.No.	Parameters	Concentration of Treated effluent	Norms as per existing CC&A	Inlet Standards of CETP of NITEM
1.	pH	9.39	6.5 to 8.5	6.5 to 8.5
2.	Colour	1859	100	100
3.	TSS	279	300	300
4.	COD	1159	1200	1200
5.	BOD	551	500	500
6.	TDS	8659	.....	-
7.	FDS	7880	2100	
8.	Chlorides	1468	600	
7.	NH <sub>3</sub> N	3.4	50	50
8.	Phenol	0.587	1	01
9.	O & G	50.3	10	10
10.	Sulphide	BDL	2	
11.	Total Chromium	0.233	2	
12.	Hexavalent chromium	BDL	0.1	
13.	Sulphate	646	.....	

It is evident from the analysis result that the unit was non-complying w.r.t. Concentration values of pH, colour, BOD, FDS, Chloride and O&G, as per CC&A issued by GPCB.

**NOW THEREFORE**, in view of the above, and exercising the powers delegated to the Chairman, Central Pollution Control Board (CPCB) under section 5 of the Environment(Protection) Act, 1986, **M/s Anurag Screen Prints (New name: Dharmaji Textile), Plot No.: 177/1, Near Shahwadi Octroi Naka, Shahwadi, Narol, Ahmedabad - 382405** is hereby directed to "immediately close down all its manufacturing operations and not to restart manufacturing "till it complies with the following directions:

1. The unit shall report to CPCB and GPCB regarding closure of manufacturing operations in compliance of this direction immediately, on receipt of this direction.
2. The unit should carry out adequacy assessment of the ETP & APC through reputed government institutes such as IIT /NEERI /VSI/NSI & accordingly augment the ETP provided so as to achieve the prescribed discharge standards of GPCB and submit the complete report to CPCB.
3. The unit shall ensure required pollution control measures in coal handling area & coal transfer points for fugitive emission.
4. The unit should maintain the record of actual quantity of the fly ash generated and disposed along with record of daily coal consumption.
5. The unit shall restrict quantity of effluent discharge as per consent order and submit explanation and Action taken Report for observed exceedence.
6. The unit shall immediately stop procurement and utilization of spent Sulphuric acid solution in ETP and obtain required authorization under Rule-9 of Hazardous and Other Waste Rules 2016 from GPCB.
7. The unit shall ensure proper O&M of ETP and deploy skilled man power for operation and maintenance of ETP.
8. The unit should improve the housekeeping within the premises.
9. The unit shall seek permission from CPCB before resumption of the manufacturing operations.

In case of default in compliance with the above conditions, 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.

MTC 6/7/22  
(TANMAY KUMAR)  
CHAIRMAN JLC

Copy to:

1. **The Member Secretary** : To ensure compliance of the  
Gujarat Pollution Control Board conditions of direction.  
Paryavaran Bhawan  
Sector 10 A, Gandhinagar  
Gujarat - 382043

2. **The Regional Director,** : For information please.  
Regional Directorate,  
Central Pollution Control Board,  
Parivesh Bhawan, Opp. Ward No. 10  
VMC Office Subhanpura,  
Vadodara - 390 023
3. **The Director (CP Division),** : For information please.  
Ministry of Environment, Forest &  
Climate Change,  
Indra Paryavaran Bhavan, Jor Bagh  
Road, New Delhi - 110 003
4. **The Chairman,** : With a direction to disconnect  
Torrent Power Limited, the power supply of the  
Lal Darwaja, industrial unit please.  
Ahmedabad - 380001
5. ✓ **The Divisional Head, IT Division,** : To upload the direction at CPCB  
CPCB, Delhi website.
6. **The Divisional Head, IPC-VI Division,** : For information and record  
CPCB please.
7. **The Divisional Head, IPC-III Division,** : For information please.  
CPCB

  
(PRASHANT GARGAVA)  
MEMBER SECRETARY