



केन्द्रीय प्रदूषण नियंत्रण बोर्ड
CENTRAL POLLUTION CONTROL BOARD
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय भारत सरकार
By Speed Post MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE GOVT. OF INDIA

CP-11/108/2021-IPC-III-HO-CPCB-HO/ 2418

July 06, 2022

To,

M/s Mayank Processors Pvt. Ltd.,
Plot No. -237,
Nr. Shahwadi Octri Naka,
Saijpur Gopalnagar, 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 Mayank Processors Pvt. Ltd., Plot No. -237, Nr. Shahwadi Octri Naka, Saijpur Gopalnagar, Narol, Ahmedabad - 382405 was inspected by the joint team of CPCB and GPCB on 24/02/2022 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 was found operational on the day of visit and the unit has Consolidated Consent & Authorization issued by GPCB for 2,75,000 meter/month for the production of Dyed / Printed Clothe which was expired on 12/05/2020. The unit is operating without valid CC&A since May 2020.
2. The unit is storing the coal used for boiler and Thermic Fluid Heater (TFH) in open area near boiler.
3. The unit was not using FBC boiler (floating bed boiler).
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.
6. The unit is handing over the fly ash and bottom ash to M/s H. K. Enterprise, who work of brick manufacturing and has the contract with the unit for the period of 5 years (2020 to 2025).
7. The unit is not maintaining the record of actual quantity of the fly ash generated and disposed.
8. The unit is not maintaining the daily coal consumption records.
9. The unit has two bore wells in the premises and the water consumption was reported in the range of 30.8 KLD to 1333.2KLD.
10. The ETP is comprising of Collection tank → Mixing channel (FeSO₄, Lime water & spent aluminium chloride dosing) → 02 Primary clarifiers with parallel feed → Aeration tank → Secondary clarifier → Final treated effluent collection tank → Discharge. Sludge from primary & secondary clarifier is fed to filter press and sludge is stored on open land near boiler area and in ETP area and reportedly disposed to TSDF. ETP is apparently developed in retrofitting mode, as the units of ETP are not systematically placed.
11. It was reported that, as per the CC&A, the treated effluent of the unit shall be conveyed to common effluent treatment plant through closed pipeline and then from common effluent treatment plant to Pirana Sewage treatment plant of AMC to be mixed with treated sewage before final disposal to River Sabarmati. However, the discharge standards prescribed in the CC&A is the discharge standards of direct final disposal to River Sabarmati. The unit disposes the treated effluent to CETP and has obtained membership with the CETP of NITEM for disposal of treated effluent into CETP for further treatment of the effluent.
12. The industry is not maintaining the log book records of treated effluent recycled back in the process, but maintaining the logbook records of treated effluent discharged to the CETP.
13. 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 65 KLD.

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14. The industry is procuring and utilizing spent Aluminium chloride solution in ETP without obtaining required authorization under Rule-9 from GPCB.

15. 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 ³)	SO ₂ (ppm)	NO _x (ppm)
Common Stack attached to Steam Boiler (5 TPH) and Thermic Fluid Heater (3000 U)	60.9	212.77	110
Limit as per CC&A	150	100	50

It is evident from the analysis result that the unit is non-complying w.r.t. SO₂ (which was 212.77 ppm against 100 ppm) and NO_x (which was 110 ppm against 50 ppm) from stack attached to Thermic Fluid Heater.

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

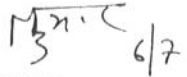
S.No.	Parameters	Concentration of Treated effluent	Norms as per existing CC&A	Inlet Standards of CETP of NITEM
1.	pH	6.8	6.5 to 8.5	6.5 to 8.5
2.	Colour	4873	100	100
3.	TSS	1037	100	300
4.	COD	1580	100	1200
5.	BOD	606	30	500
6.	TDS	3252	2100	-
7.	NH ₃ N	10.3	50	50
8.	Phenol	0.26	1	01
9.	O & G	28.1	10	10
10.	Chloride	1003	600	600
11.	Sulphate	626	1000	-

It is evident from the analysis result that the unit was non-complying w.r.t. Colour, TSS, COD, BOD, TDS, O&G, Chloride, 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 Mayank Processors Pvt. Ltd., Plot No. -237, Nr. Shahwadi Octri Naka, Saijpur Gopalnagar, 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 through reputed government institutes such as IIT /NEERI /VSI/NSI & accordingly augment the ETP & APC 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 should immediately get its CC&A amended from GPCB regarding discharge of effluent into CETP.
6. The unit shall restrict quantity of effluent discharge as per consent order and submit explanation and Action taken Report for observed exceedance.
7. The unit should immediately stop procurement and utilization of spent Aluminium chloride solution in ETP and obtain require authorization under Rule-9of Hazardous and other Waste Rules 2016 from GPCB.
8. The unit shall ensure proper O&M of ETP and deploy skilled man power for operation and maintenance of ETP.
9. The unit should improve the housekeeping within the premises.
10. 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.


(TANMAY KUMAR)
CHAIRMAN

Copy to:

1. **The Member Secretary** : To ensure compliance of the conditions of direction.
Gujarat Pollution Control Board
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