



CPCB/IPC-VII/CETP-P&P Unit-2/2019 16205

January 28, 2019

To

M/s Pai & Pai Chemicals (I) Pvt Ltd. (Unit-2),  
25/D, 1<sup>st</sup> Phase,  
Kumbalgodu Industrial Area,  
Mysore Road,  
Bengaluru (Karnataka)

**DIRECTIONS UNDER SECTION-5 OF ENVIRONMENT (PROTECTION) ACT, 1986  
- SHOW CAUSE NOTICE THEREOF**

**WHEREAS**, amongst others, under Section 17 of the Water (Prevention and Control of Pollution) Act, 1974, one of the functions of the State Pollution Control Boards (SPCBs) or the Pollution Control Committees for Union Territories, constituted under the Water (Prevention and Control of Pollution) Act, 1974, is to plan a comprehensive programme for the prevention, control and abatement of pollution of streams and wells in the concerned State/UT and to secure the execution thereof; 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 rules framed there under; and

**WHEREAS**, it is obligatory on the part of Common Effluent Treatment Plants (CETPs) 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 the State Pollution Control Boards (SPCBs)/Pollution Control Committees (PCCs); and

**WHEREAS**, the Regional Directorate, CPCB, Bengaluru, carried out inspection-cum-monitoring of CETP- Pai & Pai Chemicals (I) Pvt Ltd., Unit-2, Bengaluru on 23/7/2018 and made following observations/findings:

- i) The CETP has a design capacity to treat 40 KLD trade effluent and presently, it receives 26 KLD (average) effluent from 82 member industries. The CETP operates for 10 hrs per day and for 6 days a week. No effluent is being collected on Sunday.
- ii) The validity of combined consents issued under Water (Prevention & Control of Pollution) Act, 1974 & Air (Prevention & Control of Pollution) Act, 1981 has expired on 30/6/2018, however, the CETP has applied for renewal on 20/04/2018. The authorization under Hazardous Wastes and other Waste (Management and Handling) Rules, 2016 for handling of hazardous wastes, was valid up to 30/9/2018.

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- iii) The online values for quality parameters were showing frequent fluctuations. The analyzers are connected with two lines i.e., outlet of Unit-1 & Unit-2. The CETP could not explain the sampling intervals between two lines. The CETP does not calibrate the analyzers regularly and the last calibration was done on 13/12/2017.
- iv) The effluents received through tankers are unloaded into collection tanks by flexible hose pipes. The vehicles transporting the effluents are not provided with any spillage/over flow collection system. The unloading point at the CETP is not provided with shed and in case of heavy rains the spillage may be washed along with rain water.
- v) The Reverse Osmosis (RO) system was found non-operational and under repair on the day of inspection.
- vi) The dewatered sludge from the filter press is temporally stored on concrete floor within the premises and transferred to outside about 1 km away from the CETP premises and stored the same in the open place along with Unit-1 sludge and salt for disposal to TSDF. The hazardous waste is stored in unscientific way, in open space without having concrete floor & collection pit.
- vii) The CETP does not have the status of member units which have not installed the pre-treatment system.
- viii) The CETP has not installed the flow meters at inlet & outlet in order to assess the raw effluent received and treated water used for gardening, recycling and private farm separately. The flow meter installed for treated water is not connected with OCEMS.
- ix) During inspection, grab waste water samples were collected from CETP. The analysis results reveal that the final treated effluent was complying with the prescribed standards of KSPCB. However, it was also noticed that the CETP was operating intermittently.
- x) The CETP has one D.G. set of 75 KVA, which is not provided with acoustic enclosures, placed inside the room and doors/windows are kept open.
- xi) The CETP has not implemented rainwater harvesting system.

**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 Environment (Protection) Act, 1986 to the Chairman, Central Pollution Control Board (CPCB), to issue direction to any industry or any local body or any other Authority for violations of emission and effluent standards and rules notified under the Environment (Protection) Rules, 1986 and amendment thereof; and


**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 operator of CETP is directed to **show cause as to why Environmental Compensation (EC) should not be levied for non-compliance as aforesaid. Besides, the following directions are issued for compliance.**

- i) The CETP should operate with valid Consents & Authorization.

- ii) The CETP should install separate set of analyzers (OCEMS) for both the units and provide connectivity to CPCB. The online analyzers should be calibrated regularly.
- iii) The CETP should be operated on continuous basis (24 X 7) from the present intermittent operation.
- iv) The CETP should ensure that all the member industries provide the pre-treatment system and discharge the trade effluent meeting the inlet norms of CETP. In case of non-compliance, the list of such industrial units should be provided to KSPCB for necessary action against such units.
- v) The CETP should ensure the operation & maintenance of RO system.
- vi) The CETP should provide shed to the vehicle unloading area, to avoid runoff and getting mixed with storm water.
- vii) The CETP should ensure to avoid spillage/overflow on roads from the vehicles/tankers transporting effluent to CETP.
- viii) The CETP should develop adequate hazardous waste storage shed with proper spillage collection pits for the storage of used oils, waste oils, ETP sludge, chemical drums etc. within the CETP premises.
- ix) The CETP should install electromagnetic flow meters at appropriate places at inlet & outlet and maintain the log books on daily basis in order to measure the effluent being treated, reused & disposed.
- x) The CETP should provide acoustic enclosures to the D.G. set to minimize the noise pollution.
- xi) The CETP should improve the housekeeping.

The action taken report, along with time bound action plan for the compliance of the directions, shall be submitted to CPCB within 30 days from date of receipt of these directions. The CETP shall also acknowledge the receipt of these directions.

In the event of failure to comply with the above directions within the stipulated timeframe, appropriate action would be initiated against the CETP in accordance with the provisions of the law.

  
(S.P. Singh Parihar)  
Chairman

**Copy to:**

1. **The Advisor (CP Division),**  
Ministry of Environment,  
Forests & Climate Change,  
Indra Paryavaran Bhavan,  
Jor Bagh Road,  
New Delhi - 110 003 : For information, please.
  
2. **The Member Secretary,**  
Karnataka State Pollution Control Board  
4<sup>th</sup> & 5<sup>th</sup> Floor, Parisara Bhawan,  
No. 49, Church Street,  
Bengaluru - 560 001,  
Karnataka :
  - To follow-up with the CETP to ensure compliance of the directions.
  - To prescribe the inlet quality standards in accordance with CETP Notification of 1/1/2016.
  - To ensure that the member industries have provided pre-treatment system.
  
3. **The Regional Directorate (South),**  
Central Pollution Control Board  
1<sup>st</sup> & 2<sup>nd</sup> Floors, Nisarga Bhavan,  
A-Block, Thimmaiah Main Road,  
7<sup>th</sup> D Cross, Shivanagar,  
(Opp. Pushpanjali Theatre)  
Bengaluru-560 010 (Karnataka) : To follow-up with the CETP & SPCB to ensure compliance of the directions.
  
4. **The Div. Head IPC-VI,**  
CPCB, Delhi : For information.
  
- ✓ 5. **The Div. Head IT,**  
CPCB, Delhi : For uploading on CPCB website.

  
(Prashant Gargava)  
Member Secretary