

**BY SPEED POST/EMAIL**

CP-99/47/2024-IPC-I-HO-CPCB-HO

May 31, 2024

To

Member Secretary  
Assam Pollution Control Board  
Bamunimaidan,  
Guwahati – 781021  
Assam

**Sub.: Directions Issued under Section 18 (1) (b) of The Water (Prevention & Control of Pollution) Act, 1974 and Section 18 (1) (b) of The Air (Prevention and Control of Pollution) Act, 1981 in the matter of M/s Assam Petrochemicals Limited Namrup, PO-Parbalpur, Dist.: Dibrugarh, Assam-786623 – reg.**

WHEREAS, under section 17 sub-section (1) clause (o) of the Water (Prevention & control of pollution) Act, 1974, and with parallel provision under section 17 sub-section (1) clause (i) of the Air (Prevention & control of pollution) Act, 1981, hereinafter referred to as Air Act, 1981, one of the functions of the Pollution Control Board, Assam (PCB, Assam) constituted under the Water Act, 1974, is to perform such functions as may be prescribed or as may, from time to time entrusted to it by the Central Board; 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 thereunder; and

WHEREAS, there is need to promote self-monitoring and self-regulation 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, Petrochemical manufacturing company, M/s Assam Petrochemicals Limited, Assam (herein after referred to as the Unit) was randomly selected for surprise inspection of industries based on SMS alerts; and

WHEREAS, the Unit was inspected by a team of official(s) from Central Pollution Control Board, Regional Directorate, Shillong on February 28, 2024 to assess the adequacy of the existing pollution control measures and observed the following shortcomings:

1. Assam Petrochemical Ltd. is a petrochemical plant but the effluent limit referred in consent to operate (CTO) of PCB, Assam is oil refinery notification dated 18.03.2008 of MoEF&CC but emission limit referred in CTO as petrochemical plant notification dated 09.11.2012 of MoEF&CC.

2. The oil and grease standard referred in CTO by PCB, Assam is from MoEF&CC's notification G.S.R 422(E) dated 19.05.1993 which is 5 mg/l whereas oil and grease standard is prescribed as 10 mg/l in the said general effluent standard notification under Schedule VI of The Environment (Protection) Rules, 1986. The limits prescribed for other parameters like TSS, Temperature and Dissolved Oxygen also quoted wrongly.
3. The Unit has not installed flow meter to quantify the volume of water consumption.
4. The oil & grease collection system in ETP is not functioning properly. The analytical results indicates exceed of concentration of oil & grease (5.2 mg/l > 5 mg/l) in the effluent with the standards prescribed by PCB, Assam.
5. No regular calibration of OCEMS analyzer was followed by the Unit.
6. The Unit has not provided separate storage area for storage of used oil containers.

WHEREAS, it was verified by IT division, Central Pollution Control Board, Delhi on April 02, 2024 that the Unit has provided connectivity of OCEMS installed for ETP, boilers, reformers and stacks and transmission of data with CPCB server; and

NOW, THEREFORE, on the basis of observations and recommendations of inspection team and in exercise of the power conferred under 18 (1) (b) of the Water (Prevention & Control of Pollution) Act, 1974 and Section 18 (1) (b) of The Air (Prevention and Control of Pollution) Act, 1981, Pollution Control Board, Assam is hereby directed to ensure that:

1. The current Consent to Operate to the Unit is revised taking into account of the effluent standards for the parameters prescribed for petrochemical plants under Schedule I of The Environment (Protection) Rules, 1986.
2. The emission limits be stipulated in the CTO considering the notification G.S.R. 820 (E) dated 09.11.2012 of MoEF&CC pertaining to petrochemical plant.
3. The Unit installs flow meter to assess the actual quantity of fresh water consumption.
4. The Unit carries out calibration of the OCEMS system at regular interval.
5. The Unit upgrades/operates its ETP properly to comply with effluent standards as per the consent condition prescribed by PCB, Assam.
6. The Unit provides separate storage area for storage of used oil containers as per the Hazardous and other Wastes (Management & Transboundary Movement) Rules, 2016.

The compliance of above direction shall be submitted to this office within 30 days of the receipt of the directions.

  
(Bharat Kumar Sharma)  
Member Secretary



**Copy to:**

1. The Additional Secretary (CP Division)  
Ministry of Environment, Forests and Climate Change  
Prithvi Wing, 5<sup>th</sup> Floor,  
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2. The Regional Director  
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- ✓ 3. DH, IT, CPCB
4. DH, IPC-VI, CPCB



**(Bharat Kumar Sharma)**