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File No.: CP-14/43/2024-IPC-I-HO-CPCB-HO

November 29, 2024

M/s Haldia Petrochemicals Limited
P.O+P.S – Durgachak, Haldia
Dist-Purba Medinipur,
West Bengal, PIN-721602

**Sub.: Directions under Section 5 of the Environment (Protection) Act, 1986 regarding-
Show cause notice.**

WHEREAS, Petrochemicals industries are identified as one of the 17 categories of highly polluting industries which have been discharging environmental pollutants directly or indirectly into the ambient air and water having potential threat to cause adverse effect on the water and air quality; 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-regulation and self-promotion 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, a direction under section 18 (1) (b) of the water (prevention & control of pollution) Act, 1974 and air (prevention & control of pollution) Act, 1981 was issued on February 05, 2014 to all the State Pollution control Boards (SPCBs) Pollution Control Committees (PCCs) for installation of online emission monitoring system w.r.t. PM, CO, NO_x, SO₂ parameter and online online effluent monitoring system w.r.t. pH, BOD, COD, TSS, Flow parameters in petrochemicals industries, and

WHEREAS, Petrochemicals (Basics & Intermediates) company, M/s Haldia Petrochemicals Limited, Haldia, West Bengal (herein after referred to as the Unit) was randomly selected for surprise inspection of industry under Environmental Surveillance; and

WHEREAS, the Unit was inspected by a team of official(s) from Central Pollution Control Board, Regional Directorate, Kolkata on September 06 & 07, 2024 to assess the adequacy of the existing pollution control measures and observed the following shortcomings:

1. The Unit has provided three coal fired boilers and using solid fuels but as per the MoEF&CC's notification no. G.S.R. 820(E) dated 9th November, 2012 for petrochemical industry, only gaseous & liquid fuel are allowed for boilers.
2. The performance of Emission Control System provided by the Unit is not adequate and emission of NO_x from the CFBC boiler was observed 216 mg/Nm³ against the stipulated norm of 100 ppm.
3. The calibration of SO₂/NO_x/CO OCEMS analyser is not done regularly.
4. Volatile Organic Compounds (VOCs) were emitted from the ETP as it is not handled odorous wastewater streams in a closed systems and strong odour was also felt at the ETP. VOCs were found at pump house and near inlet tank of WWTP in the range of 1 ppm & 16 ppm respectively.

5. Chemical sludge generated from wastewater treatment(Cat 35.3) and used or spent oil(Cat 5.1) is being stored in open area which is non-compliance to the provisions of Hazardous and other wastes (Management and Transboundary Movement) Rules, 2016.
6. The Unit has not provided any designated storage facility for hazardous waste in accordance with the provisions of Hazardous and other wastes (Management and Transboundary Movement) Rules, 2016.

WHEREAS, it was verified by IT Division, Central Pollution Control Board, Delhi on November 11, 2024 that the Unit has not provided OCEMS connectivity with CPCB server for monitoring parameters namely; (i) SO_x, NO_x & CO for the CFBC (120x3) Boiler (Dust Analyser) stack, (ii) Particulate Matter and CO at CFBC (120x3) Boiler (Gas Analyser) stack as per the CPCB's Guidelines for Continuous Emission Monitoring Systems; and

WHEREAS, the Ministry of Environment, Forest and Climate Change, 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, based on the facts and observations as above and in exercise of powers vested under Section 5 of the Environment (Protection) Act, 1986, M/s Haldia Petrochemicals Limited, Haldia, West Bengal is hereby directed to show cause as to why the operation of the Unit should not be closed down for the above non-compliances.

The Unit is hereby given an opportunity to file its objection (if any) to the above directions within 15 days from the receipt of this notice, failing which necessary action as deemed fit under the provision of the Environment (Protection) Act, 1986 including issuance of closure directions / imposition of environment compensation will be taken by CPCB.


(Tanmay Kumar)
Chairman



Copy to:

1. The Chairman,
West Bengal Pollution Control Board,
Paribesh Bhavan, 10A, Block-L.A., Sector III,
Bidhan Nagar, Kolkata - 700 106
2. The Additional Secretary (CP Division)
Ministry of Environment, Forests and Climate Change
Prithvi Wing, 5 th Floor,
Indira Paryavaran Bhawan, Aliganj,
Jor Bagh Road, New Delhi – 110003

3. The Regional Director
Regional Directorate Kolkata,
Central Pollution Control Board,
South end Conclave' Block-502,
5th & 6th Floor, 1582, Razidanga,
Main Road, Kolkata- 700107

✓ 4. Divisional Head, IT, CPCB

5. Divisional Head, IPC-VI, CPCB



(Bharat Kumar Sharma)
Member Secretary