

SPEED POST

F. No. B-190194/NGRBA/RG/CPCB/Petrochem/01/2016-17

09.05.2018

To

**M/s Haldia Petrochemicals Ltd.
Durgachak, Haldia,
Purba Medinipur -721602
West Bengal**

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, Petrochemical units 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, there is need to inculcate habit of self-monitoring 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, for strengthening the monitoring and compliance through self-regulatory mechanism, online source emission and effluent monitoring systems need to be installed and operated by the industries on 'polluter pays principle'; and

WHEREAS, the Ministry of Environment & Forests, 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 emission and effluent standards and rules notified under the Environment (Protection) Rules, 1986 and amendment thereof; and

WHEREAS, it is obligatory on the part of industries to install effluent treatment plants (ETPs) to comply with the effluent discharged 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, M/s Haldia Petrochemicals Ltd. Durgachak, Haldia, Purba Medinipur -721602 West Bengal (hereafter referred to as the 'Unit') is processes raw Naptha, Reaction chemicals, chemicals and additives for manufacturing of HDPE, LLDPE, Polypropylene (PP), Butadiene, Benzene, CBFS, Cyclopentane and Motor spirit; and

WHEREAS, the Unit was inspected by the officials of Central Pollution Control Board (CPCB) on 10-01-2017; and

WHEREAS, CPCB issued show cause notice dated 16.02.2017 under section 5 of the Environment (Protection) Act, 1986; and

WHEREAS, the unit reply vide letter dated 15.03.2017 was examined; and

WHEREAS, the unit was inspected by CPCB officials on 09.03.2018 and following observations are made:

1. The Unit was operational during the day of inspection.
2. The Unit processes raw Naptha, Reaction chemicals, chemicals and additives for manufacturing of HDPE, LLDPE, Polypropylene (PP), Butadiene, Benzene, CBFS, Cyclopentane and Motor spirit.
3. Dissolved Air floatation (DAF) unit A was found under maintenance and DAF unit B was found in operation.
4. Incinerator and secondary clarifier B was under maintenance during the visit.

5. The unit should upgrade and maintain internal laboratory.
6. Treated wastewater is discharged into Green belt canal which finally meets in River Hooghly and also used some part of treated effluent is used for gardening purposes.
7. The unit has obtained valid consent upto 31st March, 2019 under Water Act, 1974 & the Air Act, 1981 from the West Bengal Pollution Control Board.
8. Analysis results of ETP final outlet shows that the unit is meeting with the prescribed effluent discharge standard with pH: 7.44 (against the norms of 6.5-8.5), TSS: 35 mg/l (against the norms of 100 mg/l), BOD: 8 mg/l (as against the norms of 30 mg/l), COD: 59 mg/l (as against the norms of 250 mg/l), F⁻: 1.77 mg/l (as against the norms of 5.0 mg/l), PO₄P: 0.256 mg/l (as against the norms of 5.0 mg/l), Phenol: BDL (as against the norms of 1.0 mg/l), Sulphide: 01 mg/l (as against the norms of 2.0 mg/l), CN⁻:BDL (as against the norms of 0.2 mg/l), Oil & Grease: BDL (as against the norms of 10 mg/l), Cr⁺⁶: BDL (as against the norms of 0.1 mg/l), Zn: 0.212 mg/l (as against the norms of 1.0 mg/l), Cu: <0.010 mg/l (as against the norms of 1.0 mg/l), Total Cr: <0.010 mg/l (as against the norms of 2.0 mg/l), MLSS: 4040 mg/l and MLVSS: 3170 mg/l).
9. The unit has installed OCEMS and connected with CPCB server.

AND NOW THEREFORE, in view of the above mentioned observations and in exercise of the powers delegated to the Chairman CPCB, under section 5 of the Environment (Protection) Act, 1986, the show cause notice dated 16.02.2017 is revoked herewith and the unit **M/s Haldia Petrochemicals Ltd. Durgachak, Haldia, Purba Medinipur -721602 West Bengal** is directed to comply with the following direction:

1. The Unit shall treat their effluent to meet the prescribed effluent discharge standards.
2. The unit shall take corrective action to maintain both aerator is aeration tank immediately.
3. The Unit shall ensure continuous connectivity with CPCB server of the OCEMS.

In case of default in compliance with the above directions, CPCB will be constrained to initiate action without any further notice, in accordance with the provisions of the Environment (Protection) Act, 1986.

(S. P. SINGH PARIHAR)
CHAIRMAN

Copy to:

1. **Member Secretary,**
West Bengal Pollution Control Board,
Paribesh Bhavan, 10A, Block-L.A.,
Sector-III, Salt Lake City,
Kolkata - 700 098, West Bengal
: [For information please]
2. **Join Secretary (CP Division),**
Ministry of Environment, Forests & Climate Change,
Indra Paryavaran Bhavan,
Jor Bagh Road, New Delhi - 110 003
3. **Regional Director (East),**
Regional Directorate,
Central Pollution Control Board, Southern Conclave, Block
502, 5th & 6th Floors, 1582 Rajdanga Main Road, Kolkata-
700107, West Bengal
:[For the implementation and compliance
of the direction]
4. The Incharge IT Division, CPCB, Delhi
: [For uploading on CPCB website]
5. Master copy (Petrochemical), CPCB, Delhi

(A. SUDHAKAR)
MEMBER SECRETARY

M/s Haldia Petrochemicals Ltd. Durgachak, Haldia, Purba Medinipur -721602 West Bengal