

Speed Post

B-190198/NGRBA(RG)/CPCB/Distillery/46/2016-17

May 7th, 2018

To,

M/s HPCL Biofuels Ltd. (Distillery division),
Lauriya, West Champaran
Bihar-845453

**SHOW CAUSE NOTICE 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 & Forests, 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; 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, M/s. HPCL Biofuels Ltd., Lauriya, Bihar (Distillery Division), West Bengal (hereinafter referred as 'the Unit') is involved in the production of extra neutral alcohol and rectified spirit using molasses as raw material;

AND WHEREAS, CPCB issued revocation direction dated 30th November, 2017, under Section 5 of Environmental (Protection) Act, 1986 to the unit to comply with the following directions:

1. The plant capacity shall be restricted to 35 KLPD to ensure desired quality of bio-compost since presently the distillery has only 5 acres of bio-compost yard which is inadequate when plant is operating at its rated capacity
2. The unit shall install mass flow meters at outlet of MEE and to make arrangement for

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- continuous online transmission of spent wash flow measurements (namely Weak Spent Wash, Strong Spent Wash)/web camera data of Spent Wash generation, concentration & MEE operation by providing linkage to CPCB & BSPCB servers within 45 days.
3. The unit shall install separate flow meters to ascertain use of raw/fresh water at various unit operations so as to take measures for reducing its water consumption further.
 4. The unit shall create Analytical facilities along with trained staff of Environmental background. The analysis of bio-compost should be carried out from recognized laboratory/organization.
 5. The Unit should upgrade facilities to record generation of effluent from various sources including chemical cleaning of MEE & other washings etc. The unit should also keep a data on its treatment and utilization subsequently.
 6. The Unit has to develop and facilitate continuous monitoring of operating parameters and analysis of spent wash at various stages so as to derive a correct picture.
 7. The unit shall identify recipient drains/rivulets and their u/s & d/s locations in consultant with Bihar SPCB and shall carry out monthly monitoring of the identified recipient drains at u/s & d/s location through lab recognised under Environment (Protection) Act, 1986 and shall submit the analysis report on monthly basis by 10th of every month) to CPCB/Bihar SPCB in the prescribed format.
 8. The unit shall restrict the storage capacity to 30 days of spent wash generation.
 9. The unit shall provide copy of records of alcohol/rectified spirit production, spent wash generation (namely weak spent, strong spent wash) details of MEE operations, mass flow meter readings connected with CPCB server etc. on monthly basis (by 10th of every month) to CPCB/Bihar SPCB in the enclosed prescribed format.
 10. The unit shall use concentrated spent wash: press mud ratio of 1:1.6 and shall provide documentation support for procurement/ availability of press mud, sale of compost and compost quality on monthly basis (by 10th of every month) to CPCB/Bihar SPCB in the enclosed prescribed format.
 11. The unit shall submit the implementation status report of action taken against the recommendation of adequacy report within 15 days and shall submit the revalidated adequacy assessment report carried out by the institute which has conducted adequacy of assessment and submit the reports within 45 days after resumption of operation.

AND WHEREAS, the unit has not complied with the following CPCB directions issued on 30.11.2017:

1. The unit has not installed mass flow meter at the outlet of MEE.
2. The unit has not established connectivity of mass flow meter at inlet for continuous online transmission of spent wash flow measurements (namely Weak Spent Wash, Strong Spent Wash) to CPCB servers.
3. The unit has not identified and monitored the recipient drains/rivulets and their u/s & d/s locations and has not submitted the analysis report on monthly basis to CPCB.
4. The unit has not provided copy of records of alcohol/rectified spirit production, spent wash generation (namely weak spent, strong spent wash), details of MEE operations,

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mass flow meter readings connected with CPCB server etc. on monthly basis to CPCB/Bihar SPCB.

5. The unit has not provided documentary support for procurement/ availability of press mud, sale of compost and compost quality on monthly basis to CPCB/Bihar SPCB.
6. The unit has not submitted the implementation status report of action taken against the recommendation of adequacy report within 15 days and has not submitted the revalidated adequacy assessment report carried out by the institute which has conducted adequacy of assessment within 45 days after resumption of operation.

AND WHEREAS, the unit was inspected by the officials of Central Pollution Control Board (CPCB), on 10.01.2018 for the verification of compliance by the unit and following observations were made based on inspection;

- ❖ The unit is a molasses based distillery having installed capacity of 60 KLD and present production of 35 KLD. During the visit the unit was in operation.
- ❖ The unit has installed mass flow meter only at inlet of MEE but it is not connected to CPCB/Bihar SPCB.
- ❖ Bio-methanation plant and CPU are under commissioning. Hence, the spent wash is treated through evaporation (MEE) followed by biocomposting.
- ❖ The analysis report of samples collected at the time of inspection, indicate that the MEE condensate is highly acidic (pH 2.94) and has COD of 2400 mg/l.
- ❖ As per inspection report, the unit could not provide up-to-date documents on alcohol production, spent wash generation, copies of logbook on MEE operations, pressmud and concentrated spent wash consumption etc.
- ❖ The capacity of holding tanks for raw as well as concentrated spent wash is inadequate as per calculations based on the information provided in inspection report.
- ❖ The record for pressmud procured/ consumed as well as prepared biocompost has not been provided by the unit.

AND WHEREAS, the unit is required to implement following measures besides other pollution control measures:

1. To install mass flow meter at outlet of MEE and establish connectivity of mass flow meters for continuous online transmission of spent wash flow measurements (namely Weak Spent Wash, Strong Spent Wash)/ web camera data of Spent Wash generation, concentration & MEE operation to CPCB & Bihar SPCB servers within 15 days.
2. To carry out monthly monitoring of the identified recipient drain at u/s and d/s locations through lab recognised under Environment (Protection) Act, 1986 and to submit the analysis report on monthly basis (by 10th of every month) to CPCB/Bihar SPCB.
3. To provide copy of records of alcohol/rectified spirit production, spent wash generation (namely weak spent, strong spent wash) details of MEE operations, mass flow meter readings connected with CPCB server etc. on monthly basis (by 10th of every month) to CPCB/Bihar SPCB in the prescribed format.
4. The unit shall use concentrated press mud to spentwash ratio of 1:1.6 and shall provide documentation support for procurement/ availability of press mud, sale of compost and

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compost quality on monthly basis (by 10th of every month) to CPCB/Bihar SPCB in the prescribed format.

5. The unit shall expedite the installation and operation of CPU and intimate the same to CPCB and Bihar SPCB.
6. The unit shall develop and facilitate continuous monitoring of operating parameters and analysis of spent wash at various stages so as to derive a correct picture.
7. The unit shall submit the implementation status report of action taken against the recommendation of adequacy report within 15 days and shall submit the revalidated adequacy assessment report carried out by the institute which has conducted adequacy of assessment and submit the reports within 45 days after resumption of operation.

AND NOW, THEREFORE, in view of the unit's non-compliance to CPCB directions dated 30-11-2017, and in exercise of the powers delegated to the Chairman, CPCB under section 5 of the Environment (Protection) Act, 1986, notice is served herewith to **show cause why the Unit should not be closed down** until all the necessary pollution control measures are planned and implemented so as to comply with the directions dated 30-11-2017 to the satisfaction of CPCB and also **why not impose environmental compensation charges and initiate criminal prosecution against the Unit Head.**

You are hereby given an opportunity to file your objections (if any) to the above proposed direction within 15 days from the receipt of this notice, failing which appropriate action shall be taken against the Unit without giving any further notice, in accordance with provisions of the Environment (Protection) Act, 1986.

/s/
(S. P. Singh Parihar)
CHAIRMAN

1.The Member Secretary

Bihar State Pollution Control Board,
Beltron Bhawan, Shastri Nagar,
Patna – 800 023

: With request to ensure compliance with the Directions.

2.The Joint Secretary (CP Division)

Ministry of Environment, Forest & C.C
Prithvi Block, Indira Paryavaran Bhawan,
Jorbagh Road, New Delhi – 110 003

: For kind information, please

3.The Regional Director,

East Regional Directorate
Central Pollution Control Board
Southernd Conclave, Block 502,
5th & 6th Floors 1582 Rajdanga Main Road
Kolkata – 700 107(W.B.)

: For follow up and ensuring compliance

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4. **The District Magistrate,**
West Champaran -Bihar

: For kind information, please

5. The In-charge, IT Division, CPCB

: For kind information, please

6. Master file/Guard file, WQM II, CPCB, Delhi

(A. Sudhakar)

MEMBER SECRETARY