

Speed Post

B-190198/NGRBA(RG)/CPCB/Distillery/47/2016-17

17054

February 6th, 2018

To,

M/s Saf Yeast Co. Ltd.,
101 UPSIDC Industrial Area,
Sandila, Dist. Hardoi -241127

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 thereunder and also to meet the consent conditions granted by State Pollution Control Board (SPCBs) / Pollution Control Committees (PCCs); and

WHEREAS, M/s Saf Yeast Co. Pvt. Ltd., Hardoi, Uttar Pradesh (hereinafter referred as 'the Unit') is involved in the process of extra neutral alcohol and rectified spirit using molasses as raw material and;

WHEREAS, CPCB issued general direction dated 16.06.2018 to the Unit for compliance with the following;

1. The unit shall submit following reports duly validated by reputed institutions like National Sugar Institute, Kanpur, Vasantdada Sugar Institute, Pune and IITs to CPCB and UPPCB within 60 days:
 - a) Adequacy assessment of the manufacturing technology and ZLD system comprising of Biomethanation, RO, MEE, composting/incineration system and steam availability, etc.
 - b) Water audit and mass balance reports to establish spent wash generation rate,

(Contd..2/-)

- c) Action Plans to achieve Zero Liquid Discharge(ZLD)
 - d) To restrict lined effluent storage capacity to 30 days, and
 - e) Assessments of availability of press mud, compost yard, composting process, sell of compost and compost quality.
2. The unit shall install mass flow meters at inlet of ROs/MEE, outlet of MEE and to make arrangement 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 by providing linkage to CPCB & UPPCB servers within 75 days.
 3. The unit shall identify recipient drains/ rivulets and their u/s & d/s locations in consultation with UPPCB for monthly monitoring by industry to ensure ZLD from distilleries within 30 days. The monitoring report shall be submitted to CPCB on monthly basis.
 4. The unit will provide documentary support for procurement/ availability of press mud, sale of compost and compost quality on monthly basis (by 10th of every month) to CPCB/UPPCB.

AND WHEREAS, the unit submitted adequacy assessment report prepared by NSI, Kanpur, vide letter dated 30.10.2017 and as per the adequacy assessment, following observations are made;

1. The unit is a live baker's yeast manufacturing plant with installed capacity of 100 MT/day and operating at 80 MT/day.
2. The unit has adopted aerobic batch wise fermentation.
3. The average spentwash generation is 8.0 litre/kg of yeast produced.
4. The unit has installed effluent treatment technology which involves anaerobic digestion, reverse osmosis, multi effect evaporation, incineration as well as biocomposting. It was found to be adequate to cope with ZLD requirements.
5. The unit has installed mass flow meter at point of spent wash generation and outlet of MEE. However, online connectivity of the same has not been provided yet.
6. The unit has identified that it has a single small rain water drain passing through its premise. However, the unit informed that it remains dry throughout the year except during rainy season and hence it was unable to provide monitoring report of the drain samples on monthly basis (by 10th of every month) to CPCB.
7. The unit has provided details of the press mud purchase made in March and April, 2017 along with analysis report of the biocompost. The unit has not purchased press mud in the subsequent months due to end of crushing season in sugar mills.
8. The unit does not sell biocompost but uses it for in-house purposes.

AND WHEREAS, the unit has not complied with the following CPCB directions issued on 16.06.2017, under section 5 of Environment (Protection) Act, 1986:

(Contd..3/-)

1. The unit has not established connectivity of mass flow meters for continuous online transmission of spent wash flow measurements (namely weak spent wash, strong spent wash) to CPCB servers.
2. The unit has not provided name of recipient drain and its u/s and d/s location and monthly water quality monitoring reports.

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

1. To establish connectivity of mass flow meters for continuous online transmission of spent wash flow measurements (namely Weak Spent Wash, Strong Spent Wash) to CPCB & UPPCB servers within 15 days.
2. To ensure that the rain water drain in the unit's premise remains dry throughout the year. Also, to carry out monthly monitoring of the identified recipient drain at u/s & d/s location and to submit the monitoring report on monthly basis (by 10th of every month) to CPCB/UPPCB.
3. To provide copy of records of live baker's yeast 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/UPPCB in the prescribed format.(Format attached herewith)
4. To use concentrated spent wash: press mud ratio of 1:1.6 and to provide documentary support for procurement/ availability of press mud and compost quality on monthly basis (by 10th of every month) to CPCB/UPPCB in the prescribed format. (Format attached herewith).

AND NOW, THEREFORE, in view of the unit's non-compliance to CPCB directions dated 16-06-2017, 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 16-06-2017 to the satisfaction of CPCB and also **why not environmental compensation should be charged**.

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 (SAF Yeast Co.Pvt.Ltd.) without giving any further notice, in accordance with provisions of the Environment (Protection) Act, 1986.

(S. P. Singh Parihar)
CHAIRMAN

(Contd..4/-)

Copy to:

1. The Chairman

Uttar Pradesh Pollution Control Board,
Building No. TC-12V, Vibhuthi Khand,
Gomti Nagar, Lucknow – 226 010

:With request to ensure that the unit
complies with the directions.

2. The Incharge (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

Central Pollution Control Board
PICUP Bhawan, Ground Floor, Vibhuthi
Khand, Gomti Nagar, Lucknow – 226 010

:For follow up and ensuring compliance

4. The In-charge, IT Division, CPCB

5. Master file/Guard file WQM-II Division



(A Sudhakar)

MEMBER SECRETARY

