

**Speed Post**

B-190198/NGRBA(RG)/CPCB/Distillery/47/2016-17 9314

02<sup>nd</sup> August, 2018  
BTH

To,

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

**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**, 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 10<sup>th</sup> 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 WHEREAS**, the unit failed to comply the following condition of CPCB directions issued on 16.06.2017, under section 5 of Environment (Protection) Act, 1986:

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 was issued show cause notice dated 6.02.2018 under section 5 of Environment (Protection) Act, 1986 and was directed to implement the 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 10<sup>th</sup> of every month) to CPCB/UPPCB.

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connected with CPCB server etc. on monthly basis (by 10<sup>th</sup> 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 10<sup>th</sup> of every month) to CPCB/UPPCB in the prescribed format. (Format attached herewith).

**AND WHEREAS**, the unit has replied to the show cause notice vide letter dated 07.03.2018, 11.5.2018 & 15.06.2018. As per unit's reply, the following observations are made;

1. The unit has established connectivity of online monitoring devices 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 & UPPCB servers.
2. The unit has provided copy of records of 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.
3. The unit has submitted water analysis report of the irrigation canal for the month of January, Feb, April & May 2018 to the CPCB.
4. The unit is using concentrated spent wash: press mud in the ratio 1.1:1. It has also provided documents in support of procurement/ availability of press mud, sale of compost and compost quality to CPCB/UPPCB in the prescribed format.

**AND NOW, THEREFORE**, in view of the above 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 February 6, 2018 is hereby revoked and the unit is directed to operate as per the consent condition and shall also comply with the following:

1. The unit shall submit copy of records of 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 10<sup>th</sup> of every month) to CPCB/UPPCB in the prescribed format.
2. The unit shall carry out monthly monitoring of the identified recipient drains at u/s & d/s location through lab recognized under Environment (Protection) Act, 1986 and submit the analysis report on monthly basis ( by 10<sup>th</sup> of every month) to CPCB/UPPCB.

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

  
(S. P. SINGH PARIHAR)  
CHAIRMAN

Copy to:

1. **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. **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. **Regional Director**  
Central Pollution Control Board  
PICUP Bhawan, Ground Floor, Vibhuthi  
Khand, Gomti Nagar, Lucknow – 226 010  
: For follow up and ensuring  
compliance
4. In-charge, IT Division, CPCB
5. Master file/Guard file WQM-II Division

  
(PRASHANT GARGAVA)  
MEMBER SECRETARY