

**BY SPEED-POST**

B-190198/NGRBA(RG)/CPCB/Distillery/20/2016-17 17053 February 6<sup>th</sup>, 2018  
To,

M/s. DSM Sugar Asmoli (Distillery division)  
(a unit of Dhampur Sugar Mill Ltd.,)  
Vill Asmoli Tehsil Sambhal,  
Distt. Moradabad 244304  
Uttar Pradesh

**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 DSM Sugar Asmoli (Distillery division), Asmoli, U.P., (hereinafter referred as 'the Unit') is involved in the manufacturing process of extra neutral alcohol and rectified spirit using molasses as raw material; and

**WHEREAS**, CPCB issued direction dated 06.04.2017 under Section 5 of the Environment (Protection) Act, 1986, to close down manufacturing operations of the unit until installation of required online monitoring devices and providing connectivity to CPCB; and

**WHEREAS**, the unit vide letter dated 28.04.2017 has informed that the unit has installed flow meters and cameras required for ZLD units and has provided connectivity of these systems to CPCB, and the same has been verified by the IT Division; and

**WHEREAS**, CPCB issued direction dated 24.05.2017, under Section 5 of the Environment (Protection) Act, 1986, to the unit to resume its manufacturing operations and to comply with the following directions;

**(Contd..2/-)**

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,
  - 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, sell of compost and compost quality on monthly basis (by 10<sup>th</sup> of every month) to CPCB/UPPCB.

**AND WHEREAS,** unit submitted adequacy assessment report prepared by NSI, Kanpur, on 25.01.2018 and as per the adequacy assessment, following observations are made;

1. The unit has adopted batch fermentation along with MPR distillation and the raw effluent generation is estimated to be 8.4-8.8 litre/litre of alcohol.
2. The present effluent treatment system installed for treatment and disposal of spentwash is adequate.
3. The unit has a well built biocomposting facility in 20 acres area including 0.5 acres as covered area.
4. The unit was not in operation during the NSI inspection, therefore the NSI has recommended validation of the report when the unit is in operation.
5. The unit has placed order for mass flow meters to be installed at inlet and outlet of MEE.
6. The unit has not identified recipient drains/ rivulets and their u/s & d/s locations. Also, it has not provided any action plan for monthly monitoring of recipient drain and hence has not submitted any analysis reports of u/s & d/s locations on monthly basis ( by 10<sup>th</sup> of every month) to CPCB.
7. The unit has not provided any documentary support for procurement/ availability of press mud, sale of compost and compost quality on monthly basis to CPCB/ UPPCB.

**AND WHEREAS,** the unit has not complied with the following CPCB directions issued on 24.05.2017, under section 5 of Environment (Protection) Act, 1986;

1. The unit has not installed mass flow meter and established its connectivity with CPCB and UPPCB servers.

**(Contd..3/-)**

2. The unit has not identified recipient drains/ rivulets and their u/s & d/s locations.
3. The unit has not provided any action plan for monthly monitoring of recipient drain and hence has not submitted any analysis report of u/s & d/s locations on monthly basis ( by 10<sup>th</sup> of every month) to CPCB.
4. The unit has not provided any documentary support for procurement/ availability of press mud, sale of compost and compost quality on monthly basis to CPCB/ UPPCB.

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

1. To complete the installation of mass flow meters with totalizer at inlet of ROs/MEE, outlet of MEE and shall establish connectivity 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 within 15 days.
2. To provide names of the recipient drain and its u/s & d/s locations.
3. To 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 10<sup>th</sup> of every month) to CPCB/UPPCB.
4. 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 10<sup>th</sup> of every month) to CPCB/UPPCB in the prescribed format. (Format attached herewith).
5. To use concentrated spent wash: press mud ratio of 1:1.6 and to 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 in the prescribed format. (Format attached herewith).
6. To submit the implementation status report of action taken against the recommendation of adequacy report within 15 days and to submit the revalidated adequacy assessment report carried out by the institute which has conducted adequacy of assessment and submit the reports within 45 days from the date of issue of the direction.

**AND NOW, THEREFORE**, in view of the unit's non-compliance to CPCB directions dated 24-05-2017, 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 24-05-2017 to the satisfaction of CPCB and also **why appropriate environmental compensation not be imposed**.

(Contd..4/-)

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 (DSM Sugar, Asmoli, Distillery Division) without giving any further notice, in accordance with provisions of the Environment (Protection) Act, 1986.

  
(S. P. Singh Parihar)  
CHAIRMAN

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 compliance  
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**  
Regional Directorate  
Central Pollution Control Board  
PICUP Bhawan, Ground Floor,  
Vibhuti 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



