

Speed Post

B-190198/NGRBA(RG)/CPCB/Distillery/20/2016-17 9315

01st August, 2018
8H

To,

M/s. Dhampur Sugar Mills Ltd., (Unit Distillery),
Dhampur Distt. Bijnor (U.P.)

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 Dhampur Sugar Mills Ltd., (Unit Distillery), (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 direction dated May 02, 2017 under section 5 of Environment Protection Act, 1986 to the unit to close down manufacturing operation of the unit till installation of online monitoring system and providing connectivity of OCEMS to CPCB server; and

WHEREAS, the unit vide letter dated 22.05.2017 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.

WHEREAS, CPCB issued direction dated June 14, 2017 to the unit, to resumes its manufacturing operations and to comply with the following directions;

(Contd..2/-)

M/s. Dhampur Sugar Mills Ltd., (Unit Distillery),

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) Assessment of the manufacturing technology for generation of spent wash and adequacy assessment of 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 with totalizer 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 SPCB 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 10th of every month) to CPCB/UPPCB.

AND WHEREAS, unit has submitted the adequacy assessment report validated by NSI, Pune dated 04.01.2018 and as per the adequacy assessment report, following observations are made;

1. The basic plant & machinery is adequate to cope up with the requirements of ZLD in molasses based distillery.
2. The unit has adopted batch fermentation along with atmospheric and MPR distillation.
3. The spent wash generation is estimated to be 9.7 L/L of alcohol production.
4. The unit has installed 04 piezometers.
5. The unit has installed magnetic flow meters at spent wash generation and SLOP consumption.
6. The unit has installed mass flow meter at inlet and out let of MEE and has provided its connectivity to CPCB server.
7. The unit has adopted concentration of raw spent wash in MEE to the extent of about 58-60% solids and burning of slop in incineration boiler using bagasse as support fuel. The unit is also installing a new 75 TPH slop boiler which shall be sufficient to treat their total spent wash to achieve ZLD.
8. For the treatment of other waste streams process condensate, spent lees and cooling tower blow down etc. the factory has installed a separate effluent treatment plant.

AND WHEREAS, the unit has not complied with the following CPCB direction dated June 14, 2017;

(Contd..3/-)

M/s. Dhampur Sugar Mills Ltd., (Unit Distillery),

1. The unit has not identified the recipient drains/rivulets at u/s & d/s location through Environment Protection Act, 1986 recognised lab and has not submit the analysis report on monthly basis (by 10th of every month) to CPCB/UPPCB.

AND WHEREAS, , the unit was issued show cause notice dated 06.02.2018 under section 5 of Environment (Protection) Act, 1986 and was directed to implement the following measures besides other pollution control measures

1. To install CPU for treatment of evaporation condensate and spent less from distillation plant.
2. 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/UPPCB in the prescribed format (enclosed).
3. To identify the recipient drains/rivulets at u/s & d/s location through Environment Protection Act, 1986 recognised lab and shall submit the analysis report on monthly basis.
4. To use concentrated spent wash: press mud ratio of 1.6:1 and shall provide documentation support for procurement/ availability of press mud, sell of compost and compost quality on monthly basis (by 10th of every month) to CPCB/UPPCB in the prescribed format (enclosed).
5. To 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 from the issue of the direction.

AND WHEREAS, the unit has replied to the show cause notice vide letter dated 14.2.2018, & 05.03.2018. As per unit's reply, the following observations are made;

1. The unit has installed CPU treatment of evaporation condensate and spent less from distillation plant.
2. The unit has provided 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 for the month of Jan 2018 only.
3. The unit has identified the recipient drain as Ikra nala and has submitted the analysis report for the month of Feb, & March 2018 .
4. The unit has provided the data for procurement/ availability of press mud, sell of compost and compost quality on monthly basis (by 10th of every month) to CPCB/UPPCB for the month of Jan, Feb, March & April 2018.
5. The unit has submitted the revalidated adequacy report dated 18.06.2018.

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

(Contd..4/-)

M/s. Dhampur Sugar Mills Ltd., (Unit Distillery),

Show Cause Notice dated Feb 06st, 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 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/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 recognised under Environment (Protection) Act, 1986 and submit the analysis report on monthly basis (by 10th of every month) to CPCB/UPPCB.

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 : With request to ensure compliance
Uttar Pradesh Pollution Control Board, with the directions.
Building No. TC-12V,
Vibhuthi Khand, Gomti Nagar,
Lucknow – 226 010
2. Joint Secretary (CP Division) : For information, pl
Ministry of Environment, Forest & C.C
Prithvi Block, Indira Paryavaran Bhawan,
Jorbagh Road, New Delhi – 110 003
3. Regional Director : For follow up and ensuring
Central Pollution Control Board compliance
PICUP Bhawan, Ground Floor,
Vibhuti Khand, Gomti Nagar,
Lucknow – 226 010.
- ✓ 4. In-charge, IT Division, CPCB
5. Master file/Guard file, WQM II, CPCB, Delhi


(PRASHANT GARGAVA)

MEMBER SECRETARY

M/s. Dhampur Sugar Mills Ltd., (Unit Distillery),