

Speed Post

B-190198/NGRBA(RG)/CPCB/Distillery/20/2016-17 17071

Feb 06, 2018

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/-)

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/-)

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 is required to implement the following 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 1:1.6 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 NOW, THEREFORE, in view of the units non compliance to CPCB directions dated June 14, 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 environmental compensation should not be imposed to the unit (M/s Dhampur Sugar Mills), and why the unit should not be closed down** for non implementations of the directions till all observations and all necessary pollution control measures are planned and implemented so as to comply with the prescribed direction dated 14 June, 2017 to the satisfaction of CPCB.

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

(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 compliance
with the directions.
2. The Advisor (CP Division)
Ministry of Environment, Forest & C.C
Prithvi Block, Indira Paryavaran Bhawan,
Jorbagh Road, New Delhi – 110 003 : For information, pl
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, CPCB, Delhi



(A SUDHAKAR)
MEMBER SECRETARY

Central Pollution Control Board Format for evaluation of Distillery ETP performance

Format-1 For Distillery

Address: _____

Capacity of the distillery: _____ KLPD, _____ Lac lit/annum

Distillery ETP Configuration: _____ + _____ + _____

Date	Spent wash concentrationm section										
	Total alcohol production	Raw Spent wash generation as per online mass flow meter		Spent wash generation per liter of alcohol produced	Raw Spent wash Total Solids %	Cumulative Raw Spent wash generation as per online mass flow meter MT	Conc. Spent wash generation as per online mass flow meter		Cumulative Conc. Spent wash generation as per online mass flow MT	Conc. Spent wash Total Solids %	Concensate quantity generated MT/Day
		Lits/day	MT/Hr				MT/Day	MT/Hr			

Note- Where per day data is not available, distillery can provide per month or per two months data

Central Pollution Control Board Format for evaluation of Distillery ETP performance

Format-2 For Distillery (Bio-composting/Incineration section)

Name of the distillery: _____
 Address: _____ KLPD, _____ Lac lit/annum
 Distillery ETP Configuration: _____ + _____ + _____ + _____

Date	BIOCOMPOSTING										INCINERATION BOILER													
	Press Mud Cake (PMC) Procured	Press Mud Cake (PMC) consumption	Concentrated Spent wash consumption	Concentrated Spent wash P/MC ratio achieved	Concentrated spent wash to machine	Distance travelled by aerotiller	Biocompost Produced	Quality of Bio-compost	Biocompost Solid	Slip (Concentrated spent wash) feed to the incinerator	Subsidari fuel feed to the incinerator	Steam Generation from Incineration boiler												
MT	MT/ Winflow	MT/ Month	Totalizer Reading	MT/ Winflow	MT/ Month	M-1 Km/day	M-2 Km/day	M-3 Km/day	MT/ Annum	N (%)	P (%)	K (%)	Moisture (%)	MT/ Annum	MT/ hr	Totaliser reading, MT	MT/ hr	Totaliser reading, MT	MT/ hr	Totaliser reading, MT	MT/ hr	Totaliser reading, MT		

Note- Where per day data is not available, distillery can provide per month or per two months data. Fill-in only applicable data