

Speed Post

B-190198/NGRBA(RG)/CPCB/Distillery/13/2016-17

Feb 15, 2018

To,

**M/s Modi Distillery,
Modi Nagar Ghaziabad,
U.P. -201204**

**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 Modi Distillery, Modinagar, Ghaziabad (Distillery Division) U.P. (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 12 June, 2017 to the unit to comply 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) 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

(Contd..2/-)

- 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 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 10th of every month) to CPCB/UPPCB.

WHEREAS, unit submitted adequacy assessment report prepared by VSI, Pune dated 01.10.2017 and as per the adequacy assessment, following observation are made;

1. Fermentation and distillation technologies installed by the unit are conventional processes, involving batch fermentation and atmospheric distillation, capable of good quality production.
2. The spent wash generation is estimated to be 10.20 L/L of alcohol production.
3. The process condensate water is used for cooling tower as make-up water.
4. The performance of effluent treatment plant was found to be satisfactory.
5. Based on raw spent wash generation, the storage capacity of existing impervious storage tank should be limited to maximum 47%. The restricted storage capacity should be (94 KLPD x 30 days) 2830 M³ only. Therefore, the concentrated spent wash storage in existing impervious tank should be limited to maximum 47%. Required marking at 47% storage level should be made and MIL should take precautions not to cross this marked level in future.
6. The unit is in the process of installation of piezometers around the Bio-composting area.
7. The on-line monitoring system is yet to be made operational by the unit.
8. The unit has provided connectivity of mass flow meters to CPCB server.

AND WHEREAS, the unit has not complied with the following CPCB direction issued dated June 12, 2017;

1. The unit has not provided the u/s & d/s location of drain in consultation with UPPCB for monthly monitoring by industry to ensure ZLD from distilleries.
2. The unit has not carried out monitoring of the identified recipient canal at u/s & d/s location through Environment Protection Act, 1986 recognised lab and shall submit the analysis report on monthly basis (by 10th of every month) to CPCB/UPPCB.
3. The unit has not submitted the 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.

(Contd..3/-)

AND WHEREAS, the unit (M/s Modi Distillery, (Distillery Unit) is required to implement following measures besides other pollution control measures

1. To identify recipient drains/rivulets and their u/s & d/s locations in consultant with UPPCB and 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 to submit the analysis report on monthly basis (by 10th of every month) to CPCB/UPPCB.
2. 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).
3. 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).
4. To limit the concentrated spent wash storage in existing impervious tank to maximum 47%. Required marking at 47% storage level should be made and MIL shall take precautions not to cross this marked level in future.
5. To take care of green belt surrounding the bio-compost yard.
6. To implement rain water harvesting system inside the distillery premises.
7. 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 from the date of issue of the direction.

AND NOW, THEREFORE, in view of the unit's non-compliance to CPCB directions dated 12, June 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. Modi Distillery (Distillery Unit)) and 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 12 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.

J
(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

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/WQM II, CPCB Delhi



(A SUDHAKAR)
MEMBER SECRETARY

