

Speed Post

B-190198/NGRBA(RG)/CPCB/Distillery/8/2016-17

9312

July 30th, 2018

To,

**M/s Jain Distillery
Nagina Road,
Dist. Bijnor -246701, U.P.**

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 there under and also to meet the consent conditions granted by State Pollution Control Board (SPCBs) / Pollution Control Committees (PCCs); and

WHEREAS, M/s Jain Distillery, U.P (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 direction dated 26-07-2017, to the unit to comply with the following;

1. In no case , unit shall dispose any of its effluent outside the premises & will operate on ZLD system, for which 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 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 monitor the drain and submit the analysis report to UPPCB and CPCB on monthly basis.

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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 submitted adequacy assessment report prepared by VSI, Pune on the 19.08.2017;

AND WHEREAS, the unit was issued show cause notice dated 18.01.2018 for noncompliance with CPCB direction dated 26.07.2017 and was directed to implement the following measures besides other pollution control measures:

1. To establish connectivity of mass flow meter at the inlet and outlet of MEE within 15 days from the date of issuance of direction.
2. The concentration of spent wash generation should be 85 KLPD and below 30% solids after evaporation in MEE plant instead of 72 KLPD and 35.52% solids.
3. To improve steam economy of MEE plant further.
4. To remove prepared bio-compost lying on compost yard before the start of rainy season.
5. To improve green belt surrounding the bio-compost yard.
6. 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).
7. To carry out monthly monitoring of the identified recipient drains at u/s & d/s location through EPA recognised lab under Environment (Protection) Act, 1986 and to submit the analysis report on monthly basis (by 10th of every month) to CPCB/UPPCB in the prescribed format (enclosed).
8. To use concentrated spent wash: press mud ratio of 1:1.6 and to 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).
9. 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 after resumption of operation.

AND WHEREAS, the unit has complied with the direction issued on 18.01.2018 and as per the details submitted by unit on monthly basis, following observations are made:

1. The unit has installed mass flow meter at inlet and outlet of MEE.
2. The unit has maintained solid content of concentrated spent wash at 30%.
3. The unit has installed modern technology TVR to improve steam economy.
4. The unit has constructed 1.8 acres covered shed for bio composting during rainy season and has assured removal of prepared biocompost before rainy season.
5. The unit has planted 3000 trees around the biocompost yard.
6. The unit has submitted monthly data on records of alcohol/rectified spirit production, spent wash generation, details of MEE operations, mass flow meter readings for the period December, 2017 to May, 2018.

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7. The unit has submitted requisite data on monthly monitoring of the identified recipient drains at u/s & d/s location for the period March, 2018 to May, 2018.
8. The unit has submitted details of pressmud procurement, biocompost produced and sold on monthly basis.
9. The unit has submitted revalidated adequacy report prepared by VSI, Pune.

AND WHEREAS, the unit has submitted revalidated adequacy assessment report prepared by VSI, Pune vide letter dated 28.06.2018 and following observations are made on the basis of the report:

1. The biomethanation plant, MEE plant, RO plant and biocompost yard are all adequate to treat spent wash generated at production capacity of 40 KLPD.
2. The press mud availability in the unit is adequate to maintain PM: SW ratio of 1:1.6.
3. The OCEMS is connected and operating satisfactorily.

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 January 2nd, 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.
3. The unit shall provide documentary support for procurement/ availability of press mud, sale of compost and compost quality on monthly basis (by 10th of every month) to CPCB/UPPCB in the prescribed format.
4. The unit shall implement the recommendations if any of revalidated adequacy report and the action plan for the same shall be submitted within 30 days.

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

: For kind information, please.

(Contd..4/-)

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

Regional Directorate
Central Pollution Control Board
PICUP Bhawan, Ground Floor,
Vibhuti Khand, Gomti Nagar,
Lucknow – 226 010.

: For kind information, please.

~~4.~~ The In-charge, IT Division, CPCB

5. Master file/Guard file WQM II, CPCB Delhi

(PRASHANT GARGAVA)
MEMBER SECRETARY