

SPEED POST

B-190198/NGRBA(RG)/CPCB/Distillery/33/2016-17

January 2nd, 2018

To,

M/s Superior Industries Ltd.,
(Distillery Division),
C.B. Ganj, Bareilly, 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 thereunder and also to meet the consent conditions granted by State Pollution Control Board (SPCBs) / Pollution Control Committees (PCCs); and

WHEREAS, M/s Superior Industries Ltd.(Distillery Division), C.B. Ganj, Bareilly (hereinafter referred as 'the Unit') is involved in the process of extra neutral alcohol and rectified spirit using molasses as raw material and;

WHEREAS, the unit was inspected by the officials of Central Pollution Control Board (CPCB), Delhi on 10.01.2017 and during inspection, the unit was found closed.

WHEREAS, CPCB issued direction dated 06-06-2017 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 spent wash generation and adequacy assessment of ZLD system comprising of Biomethanation, RO, MEE, composting/incineration system and steam availability, etc.

(Contd..2/-)

- 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 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, on 27.09.2017 and as per the adequacy assessment, following observations are made;

1. The unit has adopted batch fermentation with atmospheric distillation. The spent wash generation is 9.02 l/l of alcohol.
2. The effluent treatment systems installed at the unit are adequate.
3. The unit has received certification from Ministry of Agriculture for the compost quality.
4. Mass flow meter for measuring the raw spent wash and concentrate from SMEE have been ordered.
5. During rainy season, small quantity of spent wash should be regularly fed to digester to keep digester in active condition.
6. Mixed feed to CPU should be analyzed for COD, TS, TDS, VA and pH before and after treatment for its suitability for use in process and non-process applications.
7. It is advisable to take proper care of green belt surrounding the biocompost yard.
8. It is also advisable to implement rain water harvesting programme as suggested by CGWA.
9. Installation of peizometers and rain water harvesting programme should be informed to State and Central Pollution Control Board.

(Contd..3/-)

AND WHEREAS, the unit has not complied with the following CPCB directions issued on 06.06.2017:

1. The unit has not completed the installation of mass flow meters and has not established 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.
2. The unit has not provided names of the recipient drain and its u/s & d/s locations.
3. The unit has not submitted the analysis report from lab recognized under Environment (Protection) Act, 1986, of water samples collected from u/s & d/s locations of identified recipient drain on monthly basis (by 10th of every month) to CPCB.
4. The unit has not 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 etc. on monthly basis (by 10th of every month) to CPCB.
5. The unit has not provided documents in support of procurement/ availability of press mud, sale of compost and compost quality on monthly basis (by 10th of every month) to CPCB.

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 to 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 recognized under Environment (Protection) Act, 1986 and to submit the analysis report on monthly basis (by 10th 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 10th of every month) to CPCB/UPPCB in the prescribed format.
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 10th of every month) to CPCB/UPPCB in the prescribed format.

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6. To feed small quantity of spent wash to biodigester to keep the digester active during rainy season as per recommendation in the adequacy report.
7. To analyze the mixed feed to CPU for COD, TS, TDS, VA and pH before and after treatment, to ensure its suitability for use in process and non-process applications, as per adequacy report recommendation,.
8. To take proper care of green belt surrounding the biocompost yard.
9. To implement rain water harvesting programme as suggested by CGWA and to inform State and Central Pollution Control Board upon installation of peizometers and rain water harvesting programme.
10. 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 NOW, THEREFORE, in view of the unit's non-compliance to CPCB directions dated 06-06-2017, 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 06-06-2017 to the satisfaction of CPCB and also **why should environmental compensation be not charged**.

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. P. Singh Parihar)
CHAIRMAN

Copy to:

1. **The Chairman**
Uttar Pradesh Pollution Control Board,
Building No. TC-12 V, Vibhuti Khand
Gomti Nagar, Lucknow-226010

With request to ensure that the unit complies with the directions.

(Contd..5/-)

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, CPCB



(A Sudhakar)

MEMBER SECRETARY

