

Speed Post

B-190198/NGRBA(RG)/CPCB/Distillery/17/2017-18

June 19th, 2018

To,

M/s Nanglamal Sugar Complex (Distillery Division),
Garh Road, Vill-Naglamal,
Distt. Meerut -250001, 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 Nanglamal Sugar Complex (Distillery Division), Nanglamal, Meerut, U.P (hereinafter referred as 'the Unit') is involved in the manufacturing process of extra neutral alcohol and rectified spirit using molasses as raw material; and

WHEREAS, CPCB issued direction dated 12 June, 2017 under Section 5 of the Environment (Protection) Act, 1986, 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 UPCCB within 60 days:
 - a) Assessment of the manufacturing technology for generation of spent wash and ZLD adequacy assessment of 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),

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M/s Nanglamal Sugar Complex (Distillery Division),

- 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.

AND WHEREAS, the unit has not complied with the following CPCB directions dated 12.06.2017 issued under section 5 of Environment (Protection) Act, 1986;

1. The unit has not completed installation of mass flow meters at inlet and outlet of MEE and established connectivity to CPCB server.
2. 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 on monthly basis (by 10th of every month) to CPCB.
3. The unit has not submitted the analysis report of the identified recipient drains at u/s & d/s location through lab recognized under Environment (Protection) Act, 1986 on monthly basis (by 10th of every month) to CPCB.
4. The unit has not submitted the documents supporting the procurement of press mud and analysis report of compost quality through lab recognized under Environment (Protection) Act, 1986 on monthly basis (by 10th of every month) to CPCB.

AND WHEREAS, the unit was issued show cause notice dated 02.01.2018 under section 5 of Environment (Protection) Act, 1986 and was directed to implement the 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 & SPCB servers.
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.

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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 use concentrated spent wash: press mud ratio of 1:1.6 and to provide documentation 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. (Format enclosed herewith).
5. To carry out analysis of raw spent wash and concentrated spent wash of important parameters such as pH, COD, BOD, solid content etc., on a regular basis and to maintain a log book for the same.
6. 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 replies vide letters dated 27.03.2018 & 7 03.2018 were examined and following observations are made;

1. The unit has established connectivity of online monitoring devices 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.
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 Feb, March, & April 2018.
3. The unit has submitted analysis report of Choia drain for the month of Feb, March & April 2018, to the CPCB.
4. The unit is using concentrated spent wash: press mud in the ratio 1.6:1. It has also provided documents in support of procurement/ availability of press mud, sale of compost and compost quality to CPCB.
5. The unit is carrying out analysis of raw spent wash and concentrated spent wash of important parameters such as pH, COD, BOD, solid content etc., on a regular basis and maintaining the log book of the same.
6. The unit has submitted the implementation status report of action taken against the recommendation of adequacy report.

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:

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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.
2. The unit shall carry out monthly monitoring of the Choia drains at u/s & d/s location through lab recognized 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 submit the analysis report of CPU every month to CPCB.
4. The unit shall submit the documentation 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 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. **Member Secretary**
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. **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 follow up and ensuring
compliance
4. In-charge, IT Division, CPCB
5. Master file/Guard file WQM-II Division


(A. SUDHAKAR)
MEMBER SECRETARY