



Speed Post

B-190198/NGRBA(RG)/CPCB/Distillery/30/2016-17

May 15th, 2019

To,

1338

17th

**M/s Kesar Enterprises Ltd.,
(Distillery Unit),
Baheri, Dist - Bareilly,
U.P.- 243201.**

**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 directions 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 Kesar Enterprises (Distillery Unit), 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 issued a direction dated 24.07.2015, under Section 5 of the Environment (Protection) Act, 1986, regarding installation of online effluent and emission monitoring system; and

WHEREAS, the unit submitted representations vide letter dated 30.11.2015 and 28.12.2015, and informed the close down of the distillery unit due to extreme financial constraint; and

WHEREAS, the unit was inspected by the officials of Central Pollution Control Board (CPCB), Delhi on 11.01.2017 under crash program and during inspection, the unit was found closed; and

(Contd..2/-)

WHEREAS, the unit was again inspected by the officials of Central Pollution Control Board (CPCB), Delhi on 31.01.2018, for compliance verification of GPIs in the Ganga Basin and the unit was found closed; and

WHEREAS, the unit submitted representation vide letter dated 10.08.2018, and informed the CPCB and UPPCB, that the unit will resume its manufacturing process of extra neutral alcohol and rectified spirit using molasses as raw material tentatively from February, 2019; and

WHEREAS, CPCB issued direction dated 20.11.2018 under Section 5 of the Environment (Protection) Act, 1986, to the Unit to remain **closed and comply with the following directions:**

1. The unit shall install the required online effluent and emission monitoring devices and establish connectivity with CPCB and UPPCB servers.
2. 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:
 - 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.
3. 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.
4. 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. The monitoring report shall be submitted to CPCB on monthly basis.
5. 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.
6. The unit shall seek permission from CPCB, after compliance with the above mentioned directions before resumption of manufacturing operations.

AND WHEREAS, the Unit submitted replies vide letter dated 14.03.2019 and 28.03.2019, which were examined and following observations were made:

1. The Unit submitted duly signed Undertaking on notarized stamp paper as well as self-certificate for closure of Unit in compliance of CPCB direction.

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2. The Unit has installed required online effluent and emission monitoring devices and established their connectivity with CPCB server.
3. The Unit submitted adequacy assessment report duly validated by NSI, Kanpur.
4. The Unit has installed mass flow meters at inlet and outlet of MEE; it has established connectivity of mass flow meters with CPCB servers.
5. As per adequacy report, the Unit has installed MEE and CPU systems to ensure ZLD norms; however, the efficiency of the ZLD system has to be assessed when Unit is in operation.
6. The Unit has submitted reply dated 30.03.2019, informing that it will identify recipient drain and its upstream and downstream locations in consultation with UPPCB within the next 15 days.

AND WHEREAS, the Three Member Committee in its meeting held on 11.04.2019, examined the Unit's replies as well as its compliance status and recommended the Unit to resume operations for a period of 60 days, subject to compliance of CPCB directions.

NOW THEREFORE, in view of the above and in exercise of powers delegated under Section 5 of the Environment (Protection) Act, 1986, the unit, M/s Kesar Enterprises Ltd. (Distillery Unit), Bareilly, is directed to comply with the following directions:

1. The Unit shall resume its operations for a period of 60 days and intimate CPCB regarding the starting date of its manufacturing operations.
2. The Unit shall 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. (Format enclosed)
3. The Unit shall identify recipient drains/ rivulets and their u/s & d/s locations in consultation 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.
4. The Unit shall 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. (Format enclosed)
5. The Unit shall carry out analysis of raw spent wash, concentrated spent wash as well as untreated and treated condensate for important parameters such as pH, COD, BOD, solid content etc., on a regular basis and shall maintain a log book for the same
6. The Unit shall develop analytical facilities along with trained staff having environmental background.

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7. The Unit shall ensure maintenance of proper logbook for fresh water consumption, raw and concentrated spent wash generation, as well as for utilization of press mud and sale of biocompost.
8. The Unit shall submit a revalidated adequacy report/ performance evaluation report prepared by NSI, Kanpur within the 60 days.

In case of default in compliance with the above directions or any other exigencies, CPCB will be constrained to initiate further stringent action against the Unit, in accordance with the provisions of the Environment (Protection) Act, 1986, without any further notice.

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16/05/24
(S.P. Singh Parihar)
CHAIRMAN

Copy to:

1. Member Secretary

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

: With request to ensure that the unit does not re- start manufacturing operations before complying 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. 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 Division

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(Prashant Gargava)
MEMBER SECRETARY