

Speed Post

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14th January, 2019

To,

**M/s Bajaj Hindustan Sugar Ltd.,
Distillery Unit, Gola Gokarannath,
Lakhimpur Kheri, Uttar Pradesh-262802**

Sub: DIRECTIONS (SHOW CAUSE NOTICE) UNDER SECTION 5 OF THE ENVIRONMENT (PROTECTION) ACT, 1986-Reg.

WHEREAS, Distilleries are identified as one of the 17 categories of highly polluting industries which have been discharging environmental pollutants directly or indirectly into the ambient air and water, having potential threat to cause adverse effect on the water and air quality; and

WHEREAS, the Central Government has notified the standards for discharge/emission of environmental pollutants from various categories of industries under the Environment (Protection) Act, 1986 and the rules framed there under; and

WHEREAS, it is obligatory on the part of industries to install effluent treatment plants (ETPs) and air pollution control devices (APCDs) to comply with the effluent discharge and emission 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, for strengthening the monitoring and compliance through self regulatory mechanism and inculcating the habit of self monitoring within the industries for complying with the prescribed standards, CPCB has mandated installation and operation of online continuous emission and effluent monitoring systems (OCEMS) by the 17 category & Ganga GPI industries on 'polluter pays principle' ;and

WHEREAS, the sector specific requirement regarding installation of OCEMS for the 17 categories, including distilleries are already uploaded in the CPCB website and is available at <http://cpcb.nic.in/online-monitoring-clarification/> ; and

WHEREAS, the Ministry of Environment & Forests, Government of India, vide Notifications No- S. O. 157 (E) of 27.02.1996 and S. O. 730 (E) dated 10.07.2002, has delegated the powers vested under Section 5 of the Environment (Protection) Act, 1986 (29 of 1986) to the Chairman, Central Pollution Control Board, to issue directions to any industry or any local body or any other authority for violations of the standards and rules notified under the Environment (Protection) Rules, 1986 and amendment thereof.

WHEREAS, M/s Bajaj Hindustan Sugar Ltd., Distillery Unit, Gola Gokarannath, Lakhimpur Kheri, Uttar Pradesh, hereinafter referred to as 'the unit' was jointly inspected by RO UPPCB & RD, CPCB, Lucknow teams dated 23.10.2018 regarding

discharge of colour effluent into Sharda Sahayak Canal and following observations were made during the inspection;

1. The unit is engaged in manufacture of Rectified spirit/Anhydrous Alcohol using molasses as raw material with consented capacity of 100 KLD. During inspection the unit was found not in operation. As informed by the unit representative, unit is not in operation since 21.10.2018 due to maintenance work.
2. The unit is meeting its fresh water requirement through 02 bore wells. Electromagnetic flow meter is provided at bore wells. The unit has not obtained NOC from CGWA for ground water abstraction.
3. The ETP of the unit comprises of Buffer Tank-Settling Tank-Digesters (3 nos)-Lagoon-MEE-Lagoon-2-Bio-composting Yards (4 nos).
4. The unit representative informed that spent lees, condensate etc is recycled back in the process, which needs to verify when unit is in operation.
5. Floor washing, fermentor cleaning effluent is sent to spent wash storage lagoon.
6. The unit is presently operating falling film type MEE with three effects and installation of MEE with five effects was under process during the visit.
7. The unit has several katcha lagoons, which are filled with coloured effluent. It was informed that the unit previously used these lagoons for storage of spent wash. Presently, they are not used by the unit. The stored coloured effluent may contaminate the ground water. Sample was collected from the katcha lagoons and analysis results indicate values of various parameters as: **pH-8.87, TSS-1063 mg/l, BOD-5433mg/l, COD-17506mg/l & Colour-22,500 Hazen units.**
8. The spent wash storage lagoon was found damaged at some places.
9. During the inspection bio-composting activity was not being carried out, however it was observed that bio-compost was sold in loose quantities openly and not in packed bags
10. The unit has also not provided ground water quality monitoring network in bio-compost yard as per protocol of bio-composting.
11. The unit has provided 02 cameras for 04 bio-compost yard. The unit has not installed PTZ camera in the spent wash lagoon area.

WHEREAS, it is evident from the above observations that the unit is non-complying to the guidelines & bio-composting protocol of CPCB causing **threat** to the ground water quality, having provision of excess storage capacity for concentrated spent wash and also not provided/installed required ground water monitoring network & PTZ camera at spent wash storage lagoon site as per the requirement for ZLD units.

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, notice is served herewith to **show cause why the Unit should not be closed down** till it complies with the following directions:

1. The unit should immediately remove coloured effluent stored in katcha lagoons & the same shall be treated in the existing ZLD system. The katcha lagoons shall be dismantled. The unit should restrict the spent wash storage

- capacity as per CPCB direction for 30 days equivalent of concentrated spent wash in impervious storage lagoon. Remaining excess storage capacity should be dismantled. The unit should repair the damaged spent wash storage lagoon.
2. The unit should not sell the bio-compost in loose. The bio-compost should be sold in sealed bags bearing the seal and name of the manufacturer and composition of the bio-compost. The unit should strictly comply with the Bio-composting Protocol. The unit should provide proper catch pits & drain around the bio-composting yard.
 3. The unit shall install/relocate the PTZ cameras as per CPCB guidelines/consent condition & camera installed should be linked with CPCB server.
 4. The unit should install ground water quality monitoring network in the bio-compost yard and lagoon area as per composting protocol & regularly monitor the ground water quality.
 5. The unit shall obtain NOC from CGWA for extraction of the ground water.

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 Member Secretary**
Uttar Pradesh Pollution Control Board,
Building No- TC-12V,
Vibhuthi Khand, Gomti Nagar,
Lucknow - 226 020
2. **The Advisor (CP Division)**
Ministry of Environment, Forest & C.C
Prithvi Block, Indira Paryavaran Bhawan,
Jorbagh Road, New Delhi - 110 003
3. **The Regional Director,**
CPCB, Regional Directorate (N)
PICUP Bhawan, Ground Floor,
Vibhuti Khand, Gomti Nagar,
Lucknow - 226 010
4. The Divisional Head, IPC-III Division, CPCB
- ✓ 5. The In-charge, IT Division, CPCB


(Prashant Gargava)
MEMBER SECRETARY