

**Speed Post**

B-190198/NGRBA(RG)/CPCB/Distillery/14/2016-17

Dec 19, 2017

To

**M/s Simbhaoli Sugars Limited,  
(Distillery Division)  
Simbhaoli, Hapur-District  
Uttar Pradesh-245207**

**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**, 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**, considering the requests/ representations received from industries/ industrial associations/ SPCBs / PCCs, an extension of time up to June 30, 2015 for installation of online monitoring systems was granted vide direction dated March 02, 2015 under section 18 (1) (b) of the Water (Prevention & Control of Pollution) Act, 1974 and the Air (Prevention & Control of Pollution) Act, 1981; and

**WHEREAS**, M/s Simbhaoli Sugars Ltd. (Distillery), Uttar Pradesh (hereinafter referred as 'the Unit') is involved in the production of extra neutral alcohol and rectified spirit using molasses as raw material and;

**WHEREAS**, CPCB issued direction under section 5 of Environment Protection Act, 1986 dated 01 March, 2017 to comply with the following;

1. The distillery unit shall immediately discontinue the practise of discharging distillery effluent to the Phuldera drain and shall take immediate actions for removal of coloured effluent and deposited sludge from the drain.
2. The distillery unit shall restrict the total storage capacity of lagoons (03) to (30 days equivalent of spent wash generation.
3. The connectivity of the OCEMS shall be provided as per the requirement of CPCB.

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**AND WHEREAS**, the reply of the unit vide letter dated 12 March, 2017 was examined and following observations were observed;

1. The unit has informed that the concrete pipe line has already been dismantled and cleaning from sludge from the drain is being carried out by the unit.
2. The unit has informed that the lagoon of 1200 KL and 13000 KL capacity are used for settling, gas removal and to feed RO & MEE, only 18000 KL is used for storage of RO and MEE concentrate for using bio-composting.
3. The unit has informed that they have connected the OCEMS to CPCB server.

**AND WHEREAS**, CPCB issued direction dated 27 April, 2017, under section 5 of EP(A), 1986 regarding failure in providing OCEMS connectivity with CPCB; and

**WHEREAS**, the unit replied vide letter dated 28.04.2017 and informed that the unit has installed flow meters and cameras required for ZLD units and has provided OCEMS connectivity of these systems to CPCB, and the same has been verified; and

**WHEREAS**, CPCB issued closure direction dated 25 July, 2017 under section 5 of Environment (Protection) Act, 1986, to the unit to comply with the following directions;

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.
  - 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, excess available capacities shall not be used
  - e) Assessments of availability of press mud, compost yard, composting process, sell of compost and compost quality.
2. The unit shall provide undertaking for not discharging effluent into the drain and shall be closed during rainy season. There should not be any overflow from the lagoon.
3. 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.
4. The unit will provide documentary support for procurement/ availability of press mud, sell of compost and compost quality on monthly basis (by 10<sup>th</sup> of every month) to CPCB/UPPCB.
5. The unit shall submit the documentary evidence for cleaning of Phuldera drain within 10 days from recipient of the directions.
6. The unit shall identify recipient drains/ rivulets in addition to Phuldera drain and their u/s

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& 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.

7. The unit shall resume its operation after obtaining a valid consent copy.
8. The unit shall seek permission from CPCB, after compliance with the above mentioned directions before resumption of manufacturing operations.

**WHEREAS**, unit submitted adequacy assessment report by NSI, Kanpur vide letter dated 03 Oct, 2017 and as per the adequacy assessment, following observations are made;

1. The factory has adopted fed batch fermentation along MPR distillation.
2. The factory has adopted concentration of BMSW with RO plant working in conjunction with MEE.
3. The unit is recycling its process condensate, lease etc. in factory operation.
4. The unit has installed magnetic flow meter at spent wash generation and SLOP consumption to bio-compost.
5. The unit has installed mass flow meter at inlet and outlet of MEE and provided connectivity to CPCB Server.

**AND WHEREAS**, CPCB constituted a Three –member committee vide office order dated 27.09.2017 having representative from CPCB, MoEF & CC and NMCG for examination and recommendation for revocation of the closure direction issued by CPCB; and

**WHEREAS**, the three-member committee in its meeting held on 16.11.2017 examined the case of the unit and recommended for inspection of the unit for compliance verification; and

**WHEREAS**, the unit (M/s Simbhaoli Sugars Ltd.) was inspected by the officials of Central Pollution Control Board (CPCB), Delhi on 21.11.2017 for the verification of compliance by the unit and following observations are made during the inspection;

1. The unit was found non-operational at the time of inspection.
2. The unit has installed separate flow meter at various unit operations.
3. The unit has installed system for treatment to reduce fresh water usage and reduction in effluent quality.
4. The unit has repaired the damaged bio-compost yard.

**AND WHEREAS**, The Three member committee in its meeting held on 30.11.2017 examined the adequacy report of the unit and recommended that the unit may be allowed to resume operation along with following recommendations;

1. Committee examined the inspection report carried out on 22.11.2017 and noted that the recommendations of the adequacy report have been completed by the unit.
2. The committee was appraised about NGT order dated 16.10.2016 in the OA no.299 of 2013 in the matter of Krishan Kant Singh & Anr. Vs. National Ganga River Basin Authority & Ors. and its implementation through the special committee constituted to spent the compensation amount deposited by the unit. The committee was appraised that as per order, the unit was required to install incinerator within a period of 6 months from

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the date of passing of order. However, if the committee is of the opinion that it was possible to dispense with the condition of installation of incinerator, and then it may recommend to this Tribunal for waiver of such condition. However, 2<sup>nd</sup> visit during operational condition is still to be carried out by the special committee.

3. The unit may be allowed to operate for three months and within such period the unit may be visited by the special committee.
4. The unit shall restrict its overall lagoons capacity 30 days of spent wash generation.

**AND NOW THEREFORE**, in view of the above observations and in exercise of powers delegated under Section 5 of the Environment (Protection) Act, 1986, the closure direction dated 01.03.2015 & 25.07.2017 are hereby verified and revoked. The unit (M/s Simbhaoli Sugars Limited, Ltd. (Distillery),) is directed to comply with the following directions;

1. The unit may resume its manufacturing operations for three months only after obtaining valid consent from UPPCB and shall report to CPCB about date of resumption of operation.
2. The unit shall restrict its overall lagoons capacity up to 30 days of spent wash generation and excess lagoon capacity shall be dismantled.
3. The unit shall submit documentary evidence for cleaning of Phuldera drain within 10 days from the recipient of the direction.
4. The unit shall provide documentary support for procurement/availability of press mud, sale of compost and compost quality on monthly basis (by 10<sup>th</sup> of every month) to CPCB/UPPCB in the prescribed format (enclosed).
5. The unit shall identify recipient drains/rivulets in addition to Phuldera drain 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.
6. 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 10<sup>th</sup> of every month) to CPCB/UPPCB.
7. 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 shall submit the analysis report on monthly basis ( by 10<sup>th</sup> of every month) to CPCB/UPPCB.
8. The unit shall submit the revalidated adequacy assessment report while the unit is in operation by the same institute which has conducted adequacy of assessment within 45 days after resumption of operation.

In case of default in compliance with the above directions by the Unit, CPCB will be constrained to initiate appropriate action against the unit (M/s Simbhaoli Sugars Ltd.), in accordance with the provisions of the Environment (Protection) Act, 1986.

  
(S.P Singh Parihar)  
CHAIRMAN

21.12.17  
(Contd..5/)

o/c



Copy to:

1. **The Chairman**  
Uttar Pradesh Pollution Control Board,  
Building No. TC-12V, Vibhuthi Khand,  
Gomti Nagar, Lucknow - 226 010  
:With request to ensure that the  
unit compliance with the  
directions
2. **The Advisor (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, Vibhuthi Khand,  
Gomti Nagar, Lucknow - 226 010  
:For follow up and ensuring  
compliance
4. **The District Magistrate,**  
Hapur -Uttar Pradesh  
:With request to ensure  
compliance of the direction
5. **The Executive Engineer/SE**  
Urja Bhawan  
Paschimanchal Vidyut Vitran Nigam Ltd.,  
Victoria Park, Meerut -250001  
: With request to re-connect the  
power supply for industrial  
operations
6. The In-charge, IPC-III, CPCB  
:For follow up
7. The In-charge, IT Division, CPCB
8. Master file/Guard file, WQM II, CPCB Delhi

(A. SUDHAKAR)  
MEMBER SECRETARY

केन्द्रीय प्रदूषण नियंत्रण बोर्ड  
निर्मित... NS  
दिनांक... 22.12.17



