

**Speed Post**

B-190197/WQM-II(RG)/CPCB/Sugar/92/2017-18 (2243)

May 25<sup>th</sup>, 2018  
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To,

**M/s Venus Sugar Mills,  
Chandausi, Sambhal,  
Uttar Pradesh**

**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 thereunder and also to meet the consent conditions granted by State Pollution Control Board (SPCBs) / Pollution Control Committees (PCCs); and

**WHEREAS**, M/s Venus Sugar Mills, Chandausi, Sambhal, U.P. (hereinafter referred as 'the Unit') is involved in the process of sugar manufacturing from crushing of cane; and

**WHEREAS**, the Unit (M/s Venus Sugar Mills, Chandausi, Sambhal, U.P.) was inspected on 22.03.2018 by officials from CPCB, Delhi and following observations are made;

1. The Unit and ETP were operational.
2. The Unit has valid consent under Water (Prevention and Control of Pollution) Act, 1974 & Air (Prevention and Control of Pollution) Act, 1981 upto 31.12.2019.
3. Effluent Treatment Plant (ETP) comprised of Screen chamber, Oil & grease trap, Equalisation tank, Primary Clarifier, Aeration Tank, Secondary Clarifier, Pressure Sand Filter, Activated Carbon Filter.

**(Contd..2/-)**

4. Analysis of treated effluent sample shows pH-7.74 as against norms of 5.5-9.0, BOD-04 mg/l against norms of 30 mg/l, COD-58 mg/l against norms of 250 mg/l, TSS- 12 mg/l against norms of 30 mg/l and **Oil & grease-14 mg/l** against norms of 10 mg/l which indicates non-compliance w.r.t. Oil & grease against surface water discharge norms prescribed under Environment (Protection) Rules,1986.
5. MLSS in aeration tank was **1437 mg/l**.
6. Treated effluent discharge is **246 litre/tonnes** which is higher than permissible limit.
7. The Unit does not have separate provision for treatment of effluent from spray pond overflow.
8. Condensate Polishing Unit (CPU) was not installed.
9. Flow meters were not installed at both bore wells, spray pond, inlet of ETP and manufacture processes.
10. Flow meter was installed at outlet of ETP but it was not calibrated.
11. OCEMS is installed and connected to CPCB server but there is variation in OCEMS data and CPCB analysis data which indicates that OCEMS system installed is not properly calibrated.
12. Logbook was not maintained by the Unit for freshwater abstraction and consumption.
13. The Unit has not submitted irrigation management plan.

**It is evident that untreated/ partially treated effluent is being discharged by the Unit, posing potential threat to surface water/ground water quality.**

**AND NOW, THEREFORE,** in view of above observations and in exercise of the powers delegated to the Chairman, Central Pollution Control Board under section 5 of the Environment (Protection) Act, 1986, the unit (**M/s Venus Sugar Mills, Chandausi, Sambhal, U.P.**) is directed to comply the following directions;

1. i. The unit shall submit the following reports to CPCB duly validated by reputed institutions like National Sugar Institute, Kanpur/Vasantdada Sugar Institute, Pune /IITs with in 60 days;
  - a) ETP adequacy assessment reports;
  - b) time bound action plan for ETP augmentation & upgradation upto tertiary treatment level; to comply with the standards notified G.S.R. 35 (E), MoEF&CC, January 14, 2016 for effluent disposal, & waste water conservation, including adequate treatment system for spray pond overflow effluent in case of double sulphitation process.
  - c) water audit and mass balance report to establish waste water generation rate;
  - d) action plan to achieve the notified effluent discharge quality and generation standards.
  - e) irrigation management plan as per the new notified standards on January 14, 2016; and
- i. The unit shall restrict the storage capacity of lined lagoon upto 15 days of effluent generation.

**(Contd..3/-)**

- ii. The unit shall meet the BOD-30mg/l standards for discharging any effluent on land /surface water body whereas effluent stored in lined lagoons/tanks of capacity not more than 15 days shall comply with BOD-100 mg/l standards.
- iii. The Unit having high-pressure boiler (>45 Kg/cm<sup>2</sup>) shall install & Commission Condensate Polishing Unit (CPU) for treatment of condensate water to ensure its reuse & recycle within the process and shall meet the notified standard.

In case of default in compliance with the above directions, Central Pollution Control Board will be constrained to initiate action against the Unit (**M/s Venus Sugar Mills, Chandausi, Sambhal, U.P.**), without giving any further notice, in accordance with the provisions of the Environment (Protection) Act, 1986.

(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
2. **Joint Secretary (CP Division)**  
**Ministry of Environment, Forest & C.C**  
Prithvi Block, Indira Paryavaran Bhawan,  
Jorbagh Road, New Delhi – 110 003
3. **District Magistrate**  
Sambhal, U.P.
4. **Regional Director**  
Regional Directorate  
Central Pollution Control Board, PICUP  
Bhawan, Ground Floor, Vibhuti Khand,  
Gomti Nagar, Lucknow – 226 010
5. In-charge, IT Division, CPCB
6. Master file/Guard file, WQM II, CPCB Delhi

:With request to ensure compliance of the directions.

:For kind information, please.

:For kind information, please.

:For follow up and ensuring compliance.



(A SUDHAKAR)  
MEMBER SECRETARY