



By Speed Post

CP-14/29/2023-IPC-III-HO-CPCB-HO 6514

November 28 2023

To,

M/s Premier Alcobev Private Limited
(Grain Based Distillery), Industrial Area,
Sansarpur Terrace, Tehsil Jaswan Kotla
District Kangra, Himachal Pradesh

DIRECTION UNDER SECTION 5 OF THE ENVIRONMENT (PROTECTION) ACT, 1986

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, Central Pollution Control Board (CPCB) carried out the inspection of **M/s Premier Alcobev Private Limited** (Grain Based Distillery) (hereafter referred as 'The Unit') located in Industrial Area, Sansarpur Terrace, Tehsil Jaswan Kotla District Kangra, Himachal Pradesh on 24.07.2023 under 'Environmental Surveillance of 17 category of high pollution potential industries and common facility, based on OCEMS data programme". The major observations made by the inspection team are as follows:

1. The Unit is engaged in manufacturing of ENA / Ethanol with installed capacity of 85 KLD using Broken Rice as raw material and was operating on full capacity on the day of inspection.
2. The Unit has also installed bottling plant of capacity 9000 cases/day.
3. The Unit has installed manual washing system for washing of the glass bottles before filling of the product Indian made Foreign Liquor (IMFL) / Country Liquor (CL)
4. As informed by the Unit representative the waste streams generated from MEE condensate, spent lees, fermenter washing and utilities (boiler blow down, DM plant reject, cooling tower Blow down), Floor washing etc. are sent to ETP/Condensate Polishing Unit (CPU) for the treatment.
5. The Unit has installed Zero Liquid Discharge (ZLD) based Effluent Treatment Plant (ETP) / Condensate Polishing Unit (CPU) of 450 KLD capacity which is based on Anaerobic-Aerobic process followed by tertiary treatment system.

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Parivesh Bhawan, East Arjun Nagar, Delhi-110032

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6. R.O. Permeate is reused as cooling towers make-up and R.O reject is further fed into MEE (multiple effect evaporator) for further treatment.
7. The Unit has installed CCTV camera instead of Web Camera (IP Camera with PAN, TILT Zoom, 5 X or above Focal Length) with night vision capability and has not provided the connectivity of its Camera with flow-meters to CPCB/HSPCB server.
8. The Unit has not installed flow-meter with data recording facility at R.O outlet and recycle point.
9. The Unit has not provided proper facilities (Platform, Ladder) for stack emission monitoring as per CPCB Emission Regulation (Part-3) hence, emission monitoring of the boiler stack was not carried out by the team to verify the compliance of norms.
10. Stack emission monitoring of the Unit (boiler 14 TPH) was carried out on 01.03.2023 by Himachal Pradesh State Pollution Control Board (HSPSCB). The PM (particulate matter) emission of Stack was found 104 mg/Nm³ against the consented limit of 65 mg/Nm³ and statutory limit of 50 mg/Nm³ (as per EC issued by MoEF&CC).

WHEREAS, CPCB vide its circular dated 23.12.2016 has directed both molasses and grain based distilleries which are adopting zero liquid discharge (ZLD) of industrial effluent, as per the consent to operate from SPCBs, to install online flow-meters and PTZ cameras as given below:

1. Flow-meters: Online flow-meters with data recording facility which should be transmitted online to CPCB and SPCB shall be installed at the raw spent wash/whole stillage generation line and the concentrated spent wash/whole stillage/ thick syrup line connecting to the final storage lagoon/tank before bio-composting /incineration/dryer. For distillery plants having advanced integrated multiple effect evaporators where concentrated spent wash/whole stillage is being directly generated, now meters with similar specification shall be installed with data connectivity to CPCB and SPCB at the concentrated spent wash/whole stillage/ thick syrup line connecting to the final storage lagoon/ tank before bio-composting/incineration/dryer and at the alcohol production line for assessment of concentrated spent wash generation ratio.
2. PTZ cameras: The cameras should be IP camera with PAN, TILT Zoom, 5x or above focal length with night vision capability and should be installed at relevant locations of bio-composting yard/DWGS/DDGS production area/incineration area and final spent wash storage lagoon/cone. Spent wash storage tank, as applicable. The camera feed should be integrated with all camera controls (pan, zoom, tilt) and shown on central platform, where data on other parameters (effluent monitoring/flow-meters/emission monitoring) is displayed/submitted. The camera feed shall be provided without pre-requirement of any plug-in software for data display or data submission and shall be available in the Google chrome browser.

WHEREAS, it is evident from the above observations that the Unit is non-complying w.r.t. installation and connectivity of OCEMS i.e PTZ Camera and flow-meters at the relevant locations as per the CPCBs circular dated 23.12.2016 for 24x7 data transmission to CPCB server. The Unit has inadequate stack monitoring facility of existing boiler 14 TPH (i.e. platform, port hole and spiral ladder/scaffold ladder). The Unit is also non-complying w.r.t. PM emissions as per stack monitoring analysis carried out by HSPSCB on 01.03.2023; and

WHEREAS, the Ministry of Environment, Forest, & Climate Change, 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

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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 other standards and norms; and

NOW, THEREFORE, in view of the above and in exercise of the powers delegated to the Chairman, CPCB under section 5 of the Environment (Protection) Act, 1986, following directions are issued to **M/s Premier Alcobev Private Limited** (Grain Based Distillery), Industrial Area, Sansarpur Terrace, Tehsil Jaswan Kotla District Kangra, Himachal Pradesh for compliance:

1. The Unit shall upgrade/augment the existing air pollution control system of 14 TPH boiler so as to achieve the stipulated emission norms. The same be upgraded/augmented immediately and thereafter stack emission monitoring results from EPA recognized lab be submitted to HP SPCB and CPCB.
2. The Unit shall install PTZ Camera (IP Camera with PAN, TILT Zoom, 5 X or above Focal Length) with night vision capability and flow-meters with data recording facility at raw spent wash/whole stillage generation line and at concentrated spent wash/whole stillage/ thick syrup line. The connectivity of the same (PTZ Camera and flow-meters) shall be provided to CPCB sever within 30 days for 24x7 data transmission to CPCB server.
3. The Unit shall install flow-meter at recycle point of the ETP treated water within 15 days and maintain the records of the same.
4. The Unit shall ensure regular operation & maintenance and calibration of the OCEMS system so as to obtain accurate results.
5. The Unit shall immediately upgrade the stack monitoring facility of existing 14 TPH boiler (Stack, platform, and spiral ladder/scaffold ladder in place of monkey ladder to ensure safety of the monitoring personnel at stack) as per CPCB's Emission Regulation (Part-III).

The Unit shall ensure compliance of the directions mentioned above and submit duly notarized point wise reply within 30 days of receipt of this direction to CPCB. In case of default in compliance with the above directions, CPCB will be constrained to initiate appropriate actions against the Unit, without giving any further notice, in accordance with provisions of the Environment (Protection) Act, 1986.

12/11/23
(TANMAY KUMAR)
CHAIRMAN

Copy to:

1. The Member Secretary, : For information and necessary
Him Parivesh, Phase-III, New Shimla-171009, action, please.
Himachal Pradesh
2. The Director, (CP Division), : For information, please.
Ministry of Environment, Forests & CC
Prithvi Block, Indira Paryavaran Bhawan,
Jorbagh Road, New Delhi – 110 003

Handwritten signature

3. The Regional Director,
Central Pollution Control Board (CPCB)
Regional Directorate, Chandigarh
BSNL Telephone Exchange, 2nd Floor,
Sector -49 C, Chandigarh – 160047

: For information and necessary action,
please.

✓ 4. The Div. Head, IT Division, CPCB Delhi

: To upload the direction on CPCB
website



(BHARAT KUMAR SHARMA)
MEMBER SECRETARY

