



By Speed Post

CP-14/10/2023-IPC-III-HO-CPCB-HO 6513

November 28, 2023

To,

**M/s Chhattisgarh Distilleries Ltd.,  
Village - Khapri, Kumhari Distt. Durg  
Chhattisgarh-490042**

**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 Chhattisgarh Distilleries Ltd.**, (hereafter referred to as 'the Unit') Village - Khapri, Kumhari Distt. Durg Chhattisgarh, on 03.06.2023 under the 'Environmental surveillance of 17 categories of highly pollution potential industries and common facilities based on OCEMS (online continuous effluent monitoring system) data programme'. The major observations made by the inspection team during the visit are as follows:

1. The Unit has obtained all necessary permission i.e. Consent, Authorization and NOC from CECB and CGWB and all are valid during the visit.
2. The Unit has totally stopped the production of alcohol by molasses and only grain based production is ongoing as per consented capacity of 125 KLD.
3. The Unit has installed 06 stage falling film type MEE and the drying system (Bundle tube rotary dryer) and final by-product DDGS which is sold as cattle feed. The Unit has also installed 05 no of Decanters.
4. The live streaming of PTZ camera is not available on the Chhattisgarh Environment Conservation Board/ Central Pollution Control Board portal, however it is available on Nevco portal and up-linking of the same is required for compliance of the same.
5. As per consent condition Unit has to maintain the ZLD condition and Unit found complied for the same at the time of visit. However, to assess the ground water quality samples has been collected from piezometer near old bottling side and borewell near labour colony and the values found within limit w.r.to the drinking water standards IS-10500.
6. The facility has installed CEMS in captive power plant stack for monitoring of PM and data available at CPCB portal. During visit manual monitoring were performed and as per the result the value of PM was found 44 mg/Nm<sup>3</sup> (against the limit of 50mg/Nm<sup>3</sup>).

'परिवेश भवन' पर्वी अर्जुन नगर, दिल्ली-110032

Parivesh Bhawan, East Arjun Nagar, Delhi-110032

दूरभाष/Tel : 43102030, 22305792, वेबसाईट/Website : www.cpcb.nic.in

7. The domestic waste water' approx 15-18 KLD is being treated through soak pit and septic tank hence for its better reuse in plantation and dust suppuration inside, STP of required capacity may be installed.
8. Fugitive emission at coal crusher intake point was observed as suction chute was not functioning properly.
9. Due to maintenance in plate heat-exchanger, some quantity of spent-wash was found accumulated in fermentation area and may cause water pollution in rainy season through runoff.
10. The back end portion of CHP near CPP stack is still unpaved and causing of fugitive emission during movements of heavy vehicles.
11. The Unit has provided fix and moving type of water sprinkler systems at main process area i.e. boiler, MEE, bio-mass storage, CHP area etc.

**WHEREAS**, it is evident that Unit was found non-compliant w.r.t. accumulation of spent wash in fermentation area; non availability of live streaming of PTZ camera on the CPCB portal; unpaved road causing fugitive emission during movements of heavy vehicles and fugitive emission at coal crusher intake point; 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 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, the following directions are issued to **M/s Chhattisgarh Distilleries Ltd.** (Distillery), Village-Khapri, Kumhari Distt. Durg Chhattisgarh for compliance:

1. The Unit shall immediately ensure the real-time continuous data transmission of PTZ camera with CPCB server.
2. The Unit shall provide adequate suction chutes to control fugitive emissions near coal crusher intake point.
3. The Unit shall ensure that the storage of Coal & Rice Husk should be in covered area to check the fugitive emissions.
4. The Unit shall immediately pave the CHP area near CPP plant to control the fugitive emissions during movement of heavy vehicles.
5. The Unit shall scientifically treat the accumulated spent-wash near fermentation area within 15 days and ensure that it do not runoff with storm water.
6. The Unit shall install adequate capacity of STP and reuse/recycle the treated wastewater and shall submit time bound action plan in this regard.
7. The Unit shall submit duly notarized point wise reply along with measures taken in compliance to the above said directions (S.No.1 to 5).

The Unit should submit its reply within 30 days from the date of receipt of this direction. 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.

13/11/23  
28/11/23  
(TANMAY KUMAR)  
CHAIRMAN



Copy to:

1. **The Member Secretary**  
Chhattisgarh Environment Conservation Board,  
Paryavas Bhavan,  
North Block Sector-19,  
Atal Nagar Dist- Raipur (C.G.)492002

: For information and necessary  
action, please.

2. **The Director, (CP Division),**  
Ministry of Environment, Forests & CC  
Prithvi Block, Indira Paryavaran Bhawan,  
Jorbagh Road, New Delhi – 110 003

: For information, please.

3. **The Regional Director,**  
CPCB Regional Directorate, Bhopal  
Parivesh Bhawan, Paryavaran Parisar  
E-5, Arera Colony, Bhopal-462016

: For information and necessary  
action, please.

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

: To upload the direction at CPCB  
website



**(BHARAT KUMAR SHARMA)**  
**MEMBER SECRETARY**

