



By Speed Post

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/3.09.2023

To,

M/s Ankur Biochem Pvt. Ltd.  
Tetulia More, Nirsha, Dhanbad,  
Jharkhand

**Direction under Section 5 of Environment (Protection) Act, 1986 regarding installation of On-line Effluent Monitoring System-reg.**

**WHEREAS**, the Ministry of Environment, Forest and Climate Change, Govt. of India, vide its notification S.O.157(E) dated 27.02.1996, has delegated the powers vested under Section 5 of the Environment (Protection) Act, 1986 (29 of 1986) to the Chairman, Central Pollution Control Board (CPCB), to issue directions to any industry, Municipal Corporation, Municipal Council, Cantonment Board, 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

**WHEREAS**, CPCB issued directions dated 05.02.2014 under Section 18 (1) (b) of Water (Prevention & Control of Pollution) Act, 1974 to State Pollution Control Boards (SPCBs)/Pollution Control Committees (PCCs) of 11 Ganga River Basin States for installation of online effluent monitoring systems w.r.t. pH, BOD, TSS, COD and flow parameters in Grossly Polluting Industries; and

**WHEREAS**, it was clarified that flow meter & web camera may be installed in case of units with Zero Liquid Discharge (ZLD), CETP member units or units having effluent generation of <10 KLD; and

**WHEREAS**, CPCB issued directions dated 02.03.2015 under Section 18 (1) (b) of Water (Prevention & Control of Pollution) Act, 1974 to SPCBs/PCCs for granting extension of time up to June 30, 2015 for installation of online monitoring systems; and

**WHEREAS**, CPCB vide letters dated 29.05.2015 informed to all the SPCBs/PCCs that no further extension of time will be given after June, 2015 and withdrawal of consent to operate along with forfeiture of bank guarantee of non-complying units will be the only option; and

**WHEREAS**, the GPIs need to follow the guidelines published by CPCB for installation and connectivity of OCEMS which is available on CPCB website (<http://cpcb.nic.in/upload/thrust-area/revised-GUIDELINES-final-sent-for-publication-on07.11.2014.pdf>) and as per the guidelines "In case of industries having adopted Zero Liquid Discharge (ZLD) the units shall install IP camera with PAN, TILT Zoom. 5x or above focal length, with night vision capability and flow meters in the channel/drain provided for carrying the effluent from within the premises of the unit; and

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

1. Flowmeters: Online flowmeters 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, flowmeters 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/conc. 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/flowmeters/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,** M/s Ankur Biochem Pvt. Ltd., Nirsha , Dhanbad was inspected by a team of CPCB officials on May 02, 2023 under Standard Surveillance Programme and was found non-complying w.r.t installation of PTZ camera and transmission of data to CPCB server;

**WHEREAS,** CPCB issued directions under Section 5 of the Environment (Protection) Act,1986 dated 03.07.2023 to M/s Ankur Biochem Pvt. Ltd., Nirsha, Dhanbad, Jharkhand (hereafter referred as 'the unit') to Show Cause why the unit should not be closed until the unit shall ensure installation and connectivity of PTZ camera as per CPCB guidelines along with ensuring 24 X 7 data transmission to CPCB server; and

**WHEREAS,** the Unit's reply dated 06.08.2023 was examined and the following observations were made:

1. The Unit has submitted that it has installed OCEMS and provided data connectivity to CPCB & SPCB server. However, due to expansion work and vendor migration the data is not being transmitted to CPCB server though it is being transmitted to SPCB server.
2. The Unit has installed two nos. PTZ cameras at CPU inlet and outlet respectively and has provided connectivity to CPCB server.

**WHEREAS,** as per connectivity verification done by CPCB on 24.8.23 it was found that the unit has provided connectivity of PTZ camera but access to live feed is not visible on TPDS portal;

**NOW, THEREFORE,** in view of the above observations and in the exercise of power delegated to the Chairman, CPCB under Section 5 of the Environment (Protection) Act, 1986, the Unit, M/s Ankur Biochem Pvt. Ltd., Nirsha, Dhanbad, Jharkhand is hereby directed to comply with the following directions:

1. The Unit shall restore live feed being transmitted to TPDS portal within a week from date of issuance of this direction.
2. The Unit shall ensure uninterrupted connectivity and 24 X 7 data transmission to CPCB server.

In case of default in compliance with the above directions, CPCB will be constrained to initiate action against the Unit without giving any further notice in accordance with the provisions of the Environment (Protection) Act, 1986.

13/09/23  
(TANMAY KUMAR)  
CHAIRMAN

*Angela*