



केन्द्रीय प्रदूषण नियंत्रण बोर्ड  
CENTRAL POLLUTION CONTROL BOARD  
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय भारत सरकार  
MINISTRY OF ENVIRONMENT FOREST & CLIMATE CHANGE GOVT OF INDIA

B-29016/04/06/IPC-I/ 2079

SPEED POST

June 28, 2023

M/s. Hema Laboratories,  
Sy No. 125, Raichur Growth Centre IA,  
Chikkasagar, Raichur, 584101, Karnataka

Sub.: Directions under Section 5 of the Environment (Protection) Act, 1986-regarding

WHEREAS, the Pharmaceutical industries 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 of environmental pollutants from various categories of industries under the Environment (Protection) Act, 1986 and the rules framed thereunder; and

WHEREAS, there is need to inculcate habit of self-monitoring within the industries for complying with the prescribed standards and this can be achieved by the methods like installing online effluent and emission monitoring devices; and

WHEREAS, Pharmaceutical unit, M/s Hema Laboratories Sy No. 125, Raichur Growth Centre IA, Chikkasagar, Raichur, Karnataka (herein after referred to as the Unit) was randomly selected for inspection based on the SMS alerts generated through the OCEMS installed at the unit during previous months, and

WHEREAS, the Unit was inspected by a team of official(s) from the CPCB Regional Directorate Bengaluru on May 26, 2023 to assess the adequacy of the existing pollution control measures and observed the following shortcomings:

1. The Unit stopped the manufacturing process immediately when the team entered into the premises.
2. The Effluent Treatment Plant(ETP) and Multi Effect Evaporator(MEE) of the unit was not operational but the manufacturing process and boilers were operational.
3. The analysis results of ETP inlet reveal that the effluent is acidic i.e. pH-5.9 (<6.0-8.5).
4. The analysis results of MEE condensate indicates that it was exceeding the prescribed limits w.r.t. BOD- 66 mg/l (> 30mg/l), COD- 327 mg/l (> 250 mg/l), TDS - 4358 mg/l (> 2100 mg/l).
5. The Unit was violating consent condition by using untreated MEE condensate directly in the cooling tower make up. However, as per the consent to operate, MEE condensate should be treated in biological ETP followed by RO plant and RO permeate should be reused.
6. The Unit has not been provided biological ETP for Low TDS effluent & MEE condensate.

7. It was found that workers were involved in collecting reactor / floor washings effluent in a small collection tank near the manufacturing area. Grab sample of untreated washings collected from the collection tank near production house was found to be acidic (pH 4.4 < 6.0) with high COD and TDS as 28446 mg/l and 33640 mg/l respectively and the same is connected to open drain to its way outside storm water drain. It is likely that the reactor / floor washings are collected and sent outside without treatment.
8. Log book of the ETP operation is not being maintained by the unit.
9. The OCEMS system i.e. flow meter & web camera was not operational.
10. Fugitive emissions of Volatile Organic Compounds(VOCs) were observed from solvents storage.
11. Hazardous waste was not properly stored, packaged and labelled as per HOWM Rules, 2016.
12. The Unit has not provided proper display board at the entrance gate with updated information on Air pollution, Waste water generation and Hazardous Waste.

WHEREAS, the Ministry of Environment, Forest and climate change, Government of India, vide Notifications No. S. O. 157 (E) of 27.02.1996 and S. O. 730 (E) dated 10.07.2002, has delegated the powers vested under Section 5 of the Environment (Protection) Act, 1986 (29 of 1986) to the Chairman, Central Pollution Control Board, to issue directions to any industry or any local body or any other authority for violations of the standards and rules notified under the Environment (Protection) Rules, 1986 and amendment thereof; and

WHEREAS, activities of violating environment norms, non operation of ETP and improper storage of hazardous waste is likely to cause grave injury to the environment; and

NOW THEREFORE, in view of the above violations and exercising the power delegated to the Chairman, Central Pollution Control Board under section 5 of the Environment (Protection) Act, 1986, M/s Hema Laboratories, Karnataka is directed to close down all operational activities with immediate effect till the following directions are complied with and written permission is obtained from CPCB:

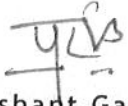
1. The Unit shall carry out adequacy assessment of Effluent Treatment Plant (ETP) from reputed government institute and accordingly upgrade ETP so as to achieve prescribed standards.
2. The Unit shall ensure uninterrupted connectivity of OCEMS data with CPCB server for flow meter and camera.
3. The Unit shall take corrective measures on all the non compliance observed by the inspecting team, mentioned above.

In case of failure to comply with the aforesaid directions necessary action as deemed fit under the provisions of Environment (Protection) Act, 1986 including imposition of environmental compensation will be taken by Central Pollution Control Board against the unit.

M<sup>2</sup> 24/23  
(Tanmay Kumar)  
Chairman

Copy to:

1. The Chairman  
Karnataka State Pollution Control Board  
Parisara Bhawan, #49, 4th& 5th floors  
Church Street, Bangalore - 560 001, Karnataka
2. The Regional Director  
Regional Directorate Bangalore  
Central Pollution Control Board  
1st & 2nd Floors, Nisarga Bhavan  
A-Block, Thimmaiah Main Road  
7th D Cross, Shivanagar, Opp.  
Pushpanjali Theatre, Bangalore -560 010
3. The Additional Secretary (CP Division)  
Ministry of Environment, Forests and Climate Change  
Prithvi Wing, 2nd Floor, Room No. 216  
Indira Paryavaran Bhawan, Aliganj,  
Jor Bagh Road, New Delhi - 110003
4. The Chairman : With request to disconnect  
Gulbarga Electricity Supply Co. Ltd. Industrial Electricity supply of the  
Main Road, Gulbarga unit, allowing the supply only for  
Gulbarga-585102, Karnataka domestic purposes.
5. Divisional Head, IT,CPCB
6. Divisional Head, IPC VI,CPCB

  
(Prashant Gargava)  
Member Secretary

