EMAIL & SPEED POST

CP-14/45/2024-IPC-II-HO-CPCB-HO 8718

January 20, 2025

To

M/s Kalyani Steels Limited,
Ginigera Village, Koppal,
Karnataka – 583228

Sub: Directions under Section 5 of the Environment (Protection) Act, 1986 to M/s Kalyani Steels Limited, Ginigera, Koppal, Karnataka – Show Cause Notice reg.

WHEREAS, integrated iron and steel plants and sponge iron units 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 promote self-regulation and self-promotion 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, a direction under section 18(1)(b) of the Water (Prevention & Control of Pollution) Act, 1974 and the Air (Prevention & Control of Pollution) Act, 1981 was issued on February 05, 2014 to all the State Pollution Control Boards (SPCBs) / Pollution Control Committees (PCCs) for installation of Online Continuous Emission & Effluent Monitoring Systems (OCEMS) w.r.t. PM, SO_2, NO_x for emission parameters and pH, TSS, BOD, COD for effluent parameters in 17 categories of highly polluting industries including Integrated Iron & Steel Plant; and

WHEREAS, M/s Kalyani Steels Limited, Ginigera, Koppal, Karnataka, has been inspected by a team of CPCB RD, Bengaluru from 21.052024 to 22.05.2024 under the environmental surveillance of 17 categories of high pollution potential industries and common facilities based on OCEMS data, in order to verify the environmental compliance and the status of OCEMS. The salient observations based on the inspection carried out by CPCB inspecting team are as below:

1. M/s Kalyani Steels is an Iron & Steel plant with production capacity of 0.7 MTPA of Hot metal, 0.5 MTPA of Sinter, 0.35 MTPA of Rolled products and 8 MW of BF gas

based Captive power plant(CPP). CPP and Mini Blast Furnace (MBF) II are not in operation for past one year.

2. The emission value in Sintering Head II stack was found to be 1013 mg/Nm^3, which exceeded the standard of 150 mg/Nm^3 prescribed under Environment (Protection) Rules, 1986, and stringent standards of 50 mg/Nm^3 prescribed by the SPCB.
3. The stack monitoring of two stacks RHF and MBF III could not be carried out due to absence of proper ladder/access and platforms.
4. Significant fugitive emissions were observed in Sinter Proportioning section, Raw material crushing & handling, Coal & Iron ore drying, Coal handling pulverizing and Blast Furnace operations. The dust & fume extraction systems in place were not adequate. The unit had not installed any water sprinkling system / Fog system.
5. The unit has installed CEMS (emission parameter: PM) in four stacks of four operational processes, namely, MBF-I, MBF-III and Sinter Machine Head II and Re-heating Furnace I (RHF I). The unit has not installed OCEMS (for PM parameter), in process stacks attached to Re-heating Furnace II (RHF II), Re-heating Furnace III (RHF II), and Re-heating Furnace IV (RHF II). Also, unit has not installed OCEMS in stack attached to fume extraction system attached to MBF III and fume extraction system attached to MBF I & II.
6. The unit has informed that calibration is done once in a year which is not as per CPCB guidelines (i.e six months). The OCEMS were last calibrated on 27.12.2023.
7. The plant is mandated to be ZLD unit as per the CTO. The plant had not installed flow meter and web camera, as per CPCB guidelines.
8. Thickener sludge is generated from waste water treatment plant of MBF. The thickener sludge was found to be stored openly, without roof in an unlined pit .
9. The unit had not updated the display board w.r.t fuel consumption, hazardous and non-hazardous waste.
10. The e Waste was not stored properly in covered shed as per the provisions and guidelines of E- Waste (Management) Rules, 2022. The quantity of e waste and battery waste disposed to authorized recycler was not reported during visit.

WHEREAS, Ministry of Environment & Forests, 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.

NOW, THEREFORE, in view of gross violation of emission norms in sinter plant and other shortcomings mentioned above and in exercise of powers vested under Section 5 of the

Environment (Protection) Act, 1986, M/s Kalyani Steels Limited, Ginigera, Koppal, Karnataka is hereby directed to show cause as to why the operation of the industry be not closed.

M/s Kalyani Steels Limited, Ginigera, Koppal, Karnataka, shall submit the reply and action taken report within 15 days from the date of issuance of this notice. In case of failure, the Board will be constrained to initiate action as deemed necessary and appropriate in the circumstances under the Environment (Protection) Act, 1986.

(Tanmay Kumar)
Chairman

Copy to:

1. The Chairman,
   Karnataka State Pollution Control Board,
   49, Parisara Bhavana, Church Street,
   Bangalore, Karnataka, 560 001

2. The Director (CP Division),
   Ministry of Environment, Forest and Climate Change,
   Indira Paryavaran Bhawan, Aliganj,
   Jor Bagh Road, New Delhi – 110 003

3. The Regional Director, CPCB
   A-Block, Nisarga Bhavan, 1st and 2nd Floors,
   7th D Cross, Thimmaiah Road, Shivanagar,
   Bengaluru, Karnataka – 560079

4. The Deputy Commissioner & District Magistrate
   DC Office Complex, Koppal,
   Karnataka – 583231

5. The Divisional Head - IT, CPCB HO

(Bharat Kumar Sharma)
Member Secretary