



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

CPCB-B 33014/316/2018/IPC-II/

12507

Email/ SPEED POST
November 08, 2018

To

M/s. Suraj Product Limited.,
Barpalli, Kesramal (Rajgangpur),
Sundergarh, Odisha

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

Ref : Show Cause Notice letter No. CPCB-B 33014/316/2018/IPC-II/11378, dated 05.10.2018.

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;

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 there under;

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;

WHEREAS, for strengthening the monitoring and compliance through self-regulatory mechanism, online source emission and effluent monitoring systems need to be installed and operated by the industries on 'polluter pays principle';

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 emission monitoring system w.r.t. PM and SO₂ parameters & online effluent monitoring system w.r.t. pH, flow, BOD, COD and TSS in iron & steel industries;

WHEREAS, considering the representations received from industries/ industrial associations/ SPCBs / PCCs, an extension of time up to June 30, 2015 for installation of online monitoring systems was granted vide directions dated March 02, 2015 under section 18 (1) (b) of the Water (Prevention & Control of Pollution) Act, 1974 and the Air (Prevention & Control of Pollution) Act, 1981;

WHEREAS, concerned SPCB/ PCC issued directions under section 33A of the Water (Prevention & Control of Pollution) Act, 1974 and section 31A of the Air (Prevention & Control of Pollution) Act, 1981 to install the online monitoring system by June 30, 2015 and submit bank guarantee of 100% of the cost of online emission & effluent monitoring system;

lyg

1/3

M/s. Suraj Product Limited., Barpalli, Kesramal (Rajgangpur), Sundergarh, Odisha

WHEREAS, during monthly verifications of OCEMS data by the CPCB IT division it is observed that the unit remains one of the top non-complying units with respect to exceedance SMS alerts/Offline status during June to July' 2018; and

WHEREAS, the unit was inspected by CPCB - Regional Directorate (Kolkata) on 21.08.2018 and following observations were made:

- (i) The unit has CTO valid up to 31.03.2023 and authorization valid up to 31.03.2019 to manufacture Sponge Iron (3x50TPD); Pig Iron (2000 TPM); Ingots (12, 500 TPA); and Power (WHRB) – 3 MW using DRI Kilns (3x50TPD); Blast Furnace (2x23T) and Induction Furnace (6T/heat). Main raw materials are iron ore, coal, coke, lime stone, quartz and dolomite.
- (ii) Effluent generated from the process (cooling) reused after settling and cooling. ETP is found adequate.
- (iii) Air pollution control devices are provided with DRI kilns (ESP-2 fields), Blast furnaces (Bag filters) & Induction furnace (Bag filters). At the time of inspection, DRI kilns and Blast Furnace-1 were in operation and stack emission monitoring was carried out in the stack attached to blast furnace. PM emission value of 55mg/Nm³ was found to be within the prescribed standard of 100mg/Nm³.
- (iv) Dolochar and APCD dusts are stored inside the factory premises and the slag from induction furnace is used for road making and land filling. Blast furnace slag is being sold to cement plant.
- (v) As per IT Div report dated 07.09.2018, the unit has installed PM and SO₂ online analysers in DRI kilns stack and PM in blast furnace stack. **However, the unit is also required to install SO₂ and NO_x analysers also in blast furnace stacks.**
- (vi) **The online monitoring system showed PM value of 9.95 mg/m³ and needs to be calibrated to minimize the variation with monitored value. No logbook is maintained.**
- (vii) **Online analysers are installed in the existing port holes and therefore it is required to provide another port holes for manual monitoring as per CPCB emission regulation Part-III.**
- (viii) **HW Collection, storage and disposal facilities are not provided and the unit is required to take steps to provide necessary facilities and send it to TSDF.**
- (ix) **Housekeeping is very poor and needs to be improved.**

WHEREAS, the 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;

WHEREAS, in view of the above and in exercise of powers vested under Section 5 of the Environment (Protection) Act, 1986 **M/s. Suraj Product Limited., Barpalli, Kesramal (Rajgangpur), Sundergarh, Odisha** was directed to show cause why the operation of unit be not closed.

Log

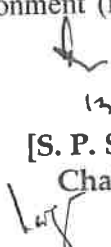
WHEREAS, the unit submitted reply / compliance to the Show Cause Notice vide letter dated 22.10.2018 that unit has.

1. As per OSPCB guidelines, CEMS for PM and SO₂ has been installed on DRI kilns. As per EC condition CEMS for PM has been installed at Blast Furnace stack, however now we have placed order for the same and undertake to install it within 2 months.
2. We have appointed NABL accredited agency for calibration of CEMS, we shall get calibration done quarterly.
3. Port hole has been provided for manual monitoring.
4. There is no HW generated at our unit.
5. We undertake to maintain proper housekeeping.

WHEREAS, from Consent Order No. 3350, dated 23.03.2018 issued by Odisha SPCB to the unit it is observed that it has 03 DRI Kilns, WHRB(s), 02 no. Blast Furnace and 01 no. Induction Furnaces.

NOW, THEREFORE, in view of the above and in exercise of powers vested under Section 5 of the Environment (Protection) Act, 1986 M/s. Suraj Product Limited., Barpalli, Kesramal (Rajgangpur), Sundergarh, Odisha is hereby directed to install complete CEMS on all emission sources, i.e. DRI kilns, blast furnace(s) and induction furnace(s) as per CPCB guidelines and get these connected online to CPCB within 2 months.

The unit M/s. Suraj Product Limited., Barpalli, Kesramal (Rajgangpur), Sundergarh, Odisha shall submit final ATR within 2 months from the issue of these directions. Failure to comply with the above directions will attract action in accordance with the provision of the Environment (Protection) Act, 1986.


[S. P. S Parihar]
Chairman

Copy to:

1. **The Chairman**
Odisha State Pollution Control Board
Paribesh Bhawan, A/118,
Nilakantha Nagar, Unit - VIII, Bhubaneswar -
751012, Odisha
2. **The Additional Secretary (AKM), CP Division**
MoEF&CC, Prithvi Wing, 2nd Floor, Room No. 216,
Indira Paryavaran Bhawan,
Jor Bagh Road, New Delhi - 110003
3. **The Regional Director (East)**
CPCB, Southend Conclave, Block 502, 5th &
6th Floors, 1582, Rajdanga Main Road,
Kolkata-700107.
4. **The Incharge, IT Division, CPCB, Delhi.**
5. **The Incharge, I/c IPC-VI CPCB, Delhi.**

: With a request to ensure compliance of this direction & to submit action taken report.

: For information please.


[Prashant Gargava]
Member Secretary

3/3

