



SPEED POST

CPCB-B 33014/66/2018/IPC-II/

August 7, 2018

To

M/s Sree Metaliks Limited,
At- Loidapada, P.O.- Guali, Barbil
Dist Keonjhar
Orissa.

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

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 requests/ 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;

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 April to May' 2018; and

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WHEREAS, the unit was inspected by CPCB - Regional Directorate (Kolkata) on 03.07.2018 and made the following observations:

- CTO under Water / Air Acts is valid up to 31.3.2019. HW authorization expired on 31.3.2015 is yet to be renewed and the unit applied for renewal of the same.
- As per CTO, the unit produces Sponge Iron using 7 DRI Kilns (2 x 50 TPD, 4 x 100 TPD and 1 x 300 TPD), Power (CPP) using three WHRB (28 MW) and one AFBC boiler (10.3 MW), MS ingots (15000 TPM) using Induction Furnace (4 x 4 TPH, 4 x 6 TPH, 1 x 12 TPH), Pig Iron (36000 TPA) using Blast Furnace, Rolling Mill – TMT Bar (3750 TPM) and Fly ash brick (5 lakh nos per month).
- Coal and iron ore are the major raw materials used in the process.
- All kilns are connected with WHPB and ESP / bag filters. During inspection, only Kiln 1, 2 & 3 and AFBC boiler were in operation and other kilns and furnaces were under shut down for repairing and renovation.
- During inspection, AFBC Boiler stack emission for PM was monitored (223 mg/Nm³) and found exceeding the limit of 50 mg/Nm³ indicating the inadequacy of APCD. The online value noticed was found to be 31.7 mg/Nm³ (1110 Hrs) showing wide variation with that of actual monitored value.
- Fugitive emission was observed at Kiln discharge point, ESP hopper and belt conveyor transfer points. Major roads are concreted and fixed and mobile water sprinklers are used to minimize fugitive emission.
- Water is mainly used for cooling purpose and the same is concrete tank for settling and reuse in the process to maintain zero discharge.
- Used / waste oil and lubricants are used in the plant process and also sold to oil recyclers. ESP/bag filter dust is fed into kiln for processing. Dry fly-ash is collected pneumatically in silos and used for brick manufacturing.
- As per IT Division report dated 12 July 2018, the unit installed/connected OCEMS in Kiln stacks and AFBC boiler stack as per CPCB guidelines. Blast Furnace is not connected to OCEMS and the same is under shutdown for repairing and renovation.

WHEREAS, the unit has informed vide letter dated 19.07.2018 that it has taken corrective measure in APCS of AFBC boiler during 15th to 17th July 2018 and now emission parameters are within the limits;

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;

NOW, THEREFORE, in view of the above and in exercise of powers vested under Section 5 of the Environment (Protection) Act, 1986 **M/s Sree Metaliks Limited, At- Loidapada, P.O.- Guali, Barbil Dist Keonjhar, Orissa** are hereby, directed;

1. Not to restart operation of blast furnace, induction furnaces and rolling mill, complete installation and connectivity of online effluent/emission monitoring system to CPCB server in the stack attached with these sources as per CPCB guidelines, and then seek permission from CPCB to restart its operation.



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2. To submit test report of E (P) Act recognised laboratory as evidence of complying emission limit after undertaking upgradation of the Air Pollution Control Devices installed at AFBC boiler within 15 days.
3. To take necessary measure to control fugitive emission from kiln discharge part, ESP hopper, belt conveyor and its transfer point, unpaved roads within one month.
4. To ensure calibration and maintenance of OCEMS on regular basis to ensure proper data collection and minimise difference between online and actual monitored values and submit emission analysis results from NABL / E (P) Act recognized laboratory.
5. To obtain HW authorization from SPCB to ensure compliance of HW Authorization conditions;

The unit **M/s Sree Metaliks Limited, At- Loidapada, P.O.- Guali, Barbil Dist Keonjhar, Orissa** shall submit compliance report within 15 days and final ATR within 1 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. Singh Parihar]
Chairman

W/S 9/8/18

Copy to:

1. **The Chairman**
Odisha State Pollution Control Board
Paribesh Bhawan, A/118,
Nilakantha Nagar, Unit - VIII, Bhubaneswar -
751012, Odisha : With a request to ensure compliance of this
direction & to submit action taken report.
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 : For information please.
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.**

[Prashant Gargava]
Member Secretary

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