



SPEED POST

CPCB-B 33014/316/2019/IPC-II/

August 01, 2019

To

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

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

Ref:

1. CPCB Directions Letter No. CPCB-B 33014/316/2019/IPC-II/16998, dated 19.02.2019.
2. SPCB letter and report No.2276/IND-I-CON-2880, dated 02.03.2019.
3. Unit's reply Ref No. nil, dated 04.06.2019 and 05.07.2019.

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;

'परिवेश भवन' पूर्वी अर्जुन नगर, दिल्ली-110032

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

Parivesh Bhawan, East Arjun Nagar, Delhi-110032

दूरभाष/Tel : 43102030, 22305792, वेबसाइट/Website : www.cpcb.nic.in

WHEREAS, during monthly verifications of OCEMS data by the CPCB IT division it was 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 shortcomings were noticed:

- As per IT Div report dated 07.09.2018, the unit has installed PM and SO₂ online analysers in DRI kilns stack and PM analyser in blast furnace stack, whereas the unit is also required to install SO₂ and NO_x analysers also in blast furnace stacks.
- 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.
- The online monitoring system showed PM value of 9.95 mg/m³ and needs to be calibrated to minimize the variation with actual value. No logbook is maintained.
- 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.
- Housekeeping was very poor and needs to be improved.

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 vide letter dated 05.10.2018 to show cause why the operation of unit be not closed;

WHEREAS, unit submitted its compliance reply, vide letter dated 22.10.2018 that:

1. It has ordered analysers for the monitoring of gaseous emission (SO₂ & NO_x) in the BF stack and undertake to install within in 2 months. Unit has small induction furnace of 6 Ton and for that no directions have been received by the unit and requested to withdraw of direction for stopping of operation of blast furnace and induction furnace.
2. Unit has provided required additional Port Hole.
3. HW are collected, stored and disposed as per law. There are no such HW which required disposal to TSDF.
4. Unit undertake to calibrate the CEMS periodically and maintain logbook as advised.
5. Unit has improved the housekeeping and will maintain the same as best as possible.

WHEREAS, from the Consent order No. 3350 dated 23.03.2018 issued by Odisha SPCB to the unit it is observed that it has 03 No. DRI Kilns, WHRBS, 02 No. Blast Furnace and 01 No. Induction Furnaces therefore the unit was further directed vide directions dated 08.11.2018 to install and connected OCEMS on all notified emission sources as per CPCB guidelines within 2 months; and

WHEREAS, from the reply of the unit vide letter dated 11.01.2019 and the IT verification report dated 01.02.2019 it was observed that unit has not fully complied with the direction dated 08.11.2018 and are either partially connected (w.r.t. required parameter) or not connected/ not transmitting data to the CPCB server as per CPCB guidelines; and

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 stop operation of the unit till it fully complies with the directions, vide closure direction dated 19.02.2019 and will seek written permission from CPCB to re-restart its operation; and



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WHEREAS, the unit has submitted its compliance, vide letters dated 03.03.2019, 04.03.2019, 25.03.2019, and 04.06.2019 which were found incomplete and it was communicated to the unit vide CPCB letters dated 15.03.2019, 15.04.2019, 14.06.2019 and 27.06.2019; and

WHEREAS, the unit has informed that MBF-2 process is non-operational since July 2016 and that it has installed flow meter and camera as effluent related CEMS analysers in view of ZLD status and dry gas cleaning process in blast furnace, vide unit reply dated 04.06.2019, 05.07.2019. Odisha SPCB has also submitted report in reference to the compliance of the aforesaid directions, vide letters No. 4449/IND-I-Con-3364, dated 02.03.2019; and

WHEREAS, unit has submitted complete compliance reply through email dated 05.07.2019 and as per IT Div. report dated 05.07.2019 CEMS installation and connectivity of the said unit are as per CPCB guidelines except in Mini Blast Furnace-2 (MBF-2); and

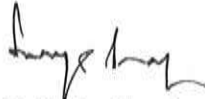

WHEREAS, in view of above the case was placed before Three-Member Committee meeting held on 19.07.2019 at CPCB, Delhi and the Three-Member Committee recommended the case for revocation of the aforesaid closure direction with conditions that the unit shall not operate MBF-2 and shall submit Performance Assessment Report of ECS from Govt. Institute; and

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, the closure direction dated 19.02.2019 issued u/s 5 of the Environment (Protection) Act, 1986 to M/s. Suraj Product Limited., Barpalli, Kesramal (Rajgangpur), Sundergarh, Odisha is hereby revoked with the following conditions:

1. The Mini Blast Furnace-2 (MBF-2) on which CEMS is not installed shall remain closed until compliance of CEMS related CPCB's directions.
2. The unit shall submit Performance Assessment Report of the Emission Control System (ECS) and ZLD from a Govt. Institute including analysis report of emission(s)/ effluent(s) within 60 days from the issue of this direction or upon commissioning.

The unit shall operate with valid consent under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, & Authorization under H&OW (M&TBM) Rules, 2016 and shall ensure continuous data transmission from online emission and effluent monitoring systems to the CPCB and SPCB and shall comply with the aforesaid Directions. However, any expansion of the existing project in future shall be intimated to CPCB/ SPCB and applicability / scope of the installation of OCEMS will be subjected to further verification. In case of non-compliance, appropriate action as deemed fit under the provisions of Environment (Protection) Act, 1986 will be intimated against the unit without any further notice.

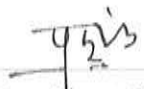

[S. P. S Parihar]
Chairman


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Copy to:

1. **The Joint Secretary, CP Division**
MoEF&CC, Prithvi Wing,
Indira Paryavaran Bhawan,
Jor Bagh Road, New Delhi – 110003
2. The Chairman
Odisha State Pollution Control Board
Paribesh Bhawan, A/118,
Nilakantha Nagar, Unit - VIII, Bhubaneswar -
751012, Odisha
3. The District Magistrate
Sundergarh, Odisha
4. The chairman,
Odisha Power Generation Corporation Limited
Zone-A, 7th Floor, Fortune Towers,
Chandrasekharapur, Bhubaneswar - 751023
Odisha, India
5. The Regional Director (East)
CPCB, Southend Conclave, Block 502, 5th &
6th Floors, 1582, Rajdanga Main Road,
Kolkata-700107.
- ✓ 6. The Incharge, IT Division, CPCB, Delhi.
7. The Incharge, I/c IPC-VI CPCB, Delhi.

: With a request to ensure compliance of the
aforesaid direction w.r.t. MBF-2.


[Prashant Gargava]
Member Secretary

