



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

SPEED POST

January 24, 2018

CPCB-B 33014/308/2017/IPC-II/ 10725

To

M/s T. R. Chemicals Limited.,
At- Barpali, P.O.- Rajgangpur
Sundergarh - 770017
Orissa

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

Ref.: Letter No. CPCB-B 33014/308/2017/IPC-II/15243, dated 07.12.2017

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 there under; 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, 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'; 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 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; and

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; and

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; and

WHEREAS, during monthly verifications of OCEMS data by the CPCB IT division it was observed that the unit remains non-complying units with respect to exceedance SMS alerts / Offline status during the period of August - September 2017; and

WHEREAS, in view of the above, unit was inspected by CPCB - Regional Directorate (Kolkata) on 01.11.2017 to check the compliances and following observations have been made;

- (i) CTO under Water and Air Acts valid up to 31.3.2018 to manufacture Sponge Iron (3 x 50 TPD).
- (ii) Three DRI kilns of 50 TPD capacity each are in operation. A common stack is provided with APCD (ESP) attached to kilns. OCEMS is installed in the stack.
- (iii) Sack emission was monitored and the **PM emission (2419 mg/Nm³) was found to be far exceeding the prescribed standard of 100 mg/Nm³, ESP system was not in operation** due to some electrical fault. Online PM emission value was also not displayed during the time of monitoring.
- (iv) As per IT Div. Report dated 04.12.2017, the unit has installed / connected OCEMS for monitoring PM as per CPCB guidelines.
- (v) Water is used for indirect cooling to maintain the temperature of the processed material below 100 °C. This water is collected in a tank for reuse after cooling. **Storm water drain is not constructed properly, as there are appear storm water channels.**
- (vi) **Fugitive emission was observed** and the unit needs to take necessary measures to control fugitive emission during loading and unloading of materials.
- (vii) **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; and

WHEREAS, in exercise of powers vested under Section 5 of the Environment (Protection) Act, 1986 M/s T. R. Chemicals Limited., At- Barpali, P.O.- Rajgangpur, Sundergarh, Orissa hereby directed to close its operations. Industry shall be permitted to operate only after compliance of the following measures:

- (i) The unit shall upgrade and operate/maintain air pollution control devices properly so as to meet the prescribed emission standards.
- (ii) The unit shall provide fugitive emission control measures (sprinklers, cement/ asphalt road, etc) at the material loading / unloading points and improve housekeeping.
- (iii) The unit shall ensure ZLD for industrial effluent and provide proper storm water drainage system.

WHEREAS, compliance report from the industry vide letter Ref No.: TRCPL/819-822/2017-18 dated 19.12.2017 and Ref No.: TRC/833/17-18 dated 26.12.2017 is received in response to aforesaid closure direction, wherein it is communicated that the unit has complied with the aforesaid Directions.

WHEREAS, vide CPCB letter No. CPCB-B-33014/308/2017/IPC-II/14853, dated 22.12.2017 report of work completion along with a suitability / adequacy report from a Govt.



Institution about Emission Control System (ECS) as well as ZLD and self-certificate on prescribed format was sought from the unit w.r.t. compliance with the aforesaid Directions.

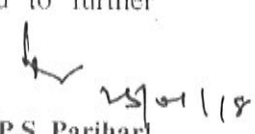
WHEREAS, vide unit letter Ref: TRC/596/17-18, dated 13.01.2018 enclosing adequacy assessment report dated 12.01.2017, issued by Veer Surendra Sai University of Technology (VSSUT), Burla, Sambalpur, Odisha; SPCB, Odisha empanelled Environmental Auditor, submitted by the unit.

WHEREAS, the case was placed before three-member committee meeting held on 19.01.2018 at CPCB, Delhi and the three-member committee recommended the revocation of the aforesaid closure direction.

NOW, THEREFORE in view of the recommendation of the committee meeting held on 19.01.2018 at CPCB, Delhi the closure direction dated December 07, 2017 issued u/s 5 of the Environment (Protection) Act, 1986 M/s T. R. Chemicals Limited., At- Barpali, P.O.- Rajgangpur, Sundergarh, Orissa is hereby revoked on with the following conditions:

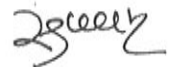
- (i) The industry shall operate only with valid consent under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, & Authorization under H&OW (M&TBM) Rules, 2016 and
- (ii) The unit shall submit emission / effluent quality analysis report of one month from an Environment (P) Act, 1986 recognized laboratory within one month.
- (iii) The industry shall ensure continuous data transmission from online emission and effluent monitoring systems to 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.


[S.P.S Parihar]
Chairman

Copy to:

1. The Chairman
Odisha State Pollution Control Board
Paribesh Bhawan,
A/118, Nilakantha Nagar, Unit - VIII,
Bhubaneswar, Odisha 751012
2. The District Magistrate
Sundergarh, Odisha
3. The Additional Secretary (AKM), 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,
Odisha Power Generation Corporation Limited
Zone-A, 7th Floor, Fortune Towers,
Chandrasekharpur, Bhubaneswar - 751023
Odisha
5. The Regional Directorate (East)
Central Pollution Control Board
Southend Conclave, Block 502,
5th & 6th Floors, 1582 Rajdanga Main Road,
Kolkata-700107 (West Bengal)
6. The Divisional Head- IT, CPCB, Delhi
7. The Divisional Head- IPCVI, CPCB, Delhi



[A. Sudhakar]
Member Secretary

