



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

15243

To

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

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  
December 07, 2017

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

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 SO<sub>2</sub> 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 one of the top non-complying units with respect to exceedance SMS alerts / Offline status during the period of August – September 2017; and

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

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

'परिवेश भवन' पूर्वी अर्जुन नगर, दिल्ली-110032

Parivesh Bhawan, East Arjun Nagar, Delhi-110032

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

- (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/Nm<sup>3</sup>) was found to be far exceeding the prescribed standard of 100 mg/Nm<sup>3</sup>, 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

NOW, THEREFORE, 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.

The unit M/s T. R. Chemicals Limited., At- Barpali, P.O.- Rajgangpur, Sundergarh, Orissa shall submit the compliance within 15 days from the issue of these directions. Further, the industry shall not restart its operation without written permission of CPCB. 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  
: With a request to ensure compliance of this direction & to submit action taken report
2. **The District Magistrate**  
Dist - Sundergarh, Orissa  
With a request to ensure compliance of this direction & to submit action taken report
3. **The chairman,**  
Odisha Power Generation Corporation Limited  
Zone-A, 7th Floor, Fortune Towers,  
Chandrasekharpur, Bhubaneswar - 751023  
Odisha, India  
With request to disconnect electricity w.r.t. operation of industry & power supply to be continue only for domestic and security purpose.
4. **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.
5. **The Regional Director (East)**  
CPCB, Southend Conelave, Block 502, 5th  
& 6th Floors, 1582, Rajdanga Main Road,  
Kolkata-700107.
6. **The Incharge, IT Division, CPCB, Delhi.**
7. **The Incharge, I/e IPC-VI CPCB, Delhi.**

  
[A. Sudhakar]  
Member Secretary

