

BY REGISTERED AD

B-33014/07/2016/PCI-II/

October 16, 2017

To

12257
General Manager
IB Thermal Power Station
OPGCL, Banharpali
Dist Jharsuguda,, Odisha

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

WHEREAS, the Thermal Power plants are identified as one of the 17 categories of highly polluting industries in the country and have been discharging environmental pollutants directly or indirectly into the ambient air and water, which pose constant threat to cause adverse effect on the air and water quality; and

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

WHEREAS, a direction under section 5 of the Environment (Protection) Act, was issued on July 21, 2015 to M/s. IB Thermal Power Station(IBTPS), OPGCL for installation of online emission & effluent monitoring systems for PM, SO₂, NO_x & pH, TSS, Temp. & flow parameters and submission of the status.

WHEREAS, M/s IBTPS, OPGCL has installed OCEMS in both units and provided connectivity to CPCB server. However, OCEMS was showing offline during the period of June-July 2017 and there was no data transmission during the said period.

WHEREAS, in order to verify the compliance and find out the status of online monitoring system, a team from Regional Directorate, North carried out an inspection of M/s IBTPS, OPGCL on September 01, 2017. The team made following observations:

1. M/s OPGCL has valid consent under Air and Water Acts, 1981 & 1974 with validity up to 31.03.2018. Whereas, Hazardous Waste Authorization is valid up to 31.03.2021.
2. Continuous Emission & effluent Monitoring Systems are installed and are connected with CPCB server. However, due to cell damage and sensor probe broken, online EQMS data was not being transmitted to CPCB server since 14.07.2017.
3. The concentration of PM (105 mg/Nm³) in Units-1 was found exceeding the emission limit of 100 mg/Nm³. As per online monitors, the average concentration of PM was 133 mg/Nm³. The deviation from online value and manually monitored value was 26.67%.
4. M/s OPGCL has installed 01 Sewage Treatment Plants (STP) for treatment of domestic waste water. The same was found operational during inspection The results monitored were pH-7.36 (Std- 6.5-9), TSS- 10 mg/l (Std- 20 mg/l), BOD- 3 mg/l (Std- 10 mg/l) and COD- 21 mg/l (Std- 50 mg/l). All the parameters were found complying with the prescribed standards.

5. M/s OPGCL has not constructed storm water drain around the Ash Dyke in order to collect seepage., if any.

WHEREAS, 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 exercise of powers vested under Section 5 of the Environment (Protection) Act, 1986, M/s IB Thermal power station of OPGCL, Odisha. directed to comply the following directions:

1. That M/s IBTPS shall submit plan within 01 month to improve the efficiency of ESP of unit 1 so as to ensure compliance of emission limit of 100 mg/Nm³.
2. That IBTPS shall take corrective measures to replace cell and sensors of OCEMS and ensure online emission and effluent data is transmitted regularly to CPCB within 01 month.
3. M/s IBTPS, shall submit plan to construct storm water drain around the ash dyke for collection of seepage from dyke if any within 01 month.

M/s IBTPS of OPGCL shall submit ATR within one month from the date of issue of the notice. In case of failure to comply with the said directions necessary action as deemed fit under the provision of the Environment (Protection) Act 1986 will be taken by CPCB.

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17/11/17
(S.P.S. Parihar)
Chairman
wjg

Copy to:

1. Member Secretary
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Ministry of Environment, Forests and
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3. The Regional Director, East
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4. Divisional Head-, IT, CPCB

5. Divisional head-IPC-VI

20/11/17
(A Sudhakar)
Member Secretary
wjg