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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

No. IPC-II/TPP/CP-14/17/2023/ 67 33

01/12/2023

To,

The Chief General Manager,  
M/s Tripura Gas Based Power Station,  
North Eastern Electric Power Corp. Ltd. (NEEPCO),  
Monarchak, Sonamura, P.O. Dhanpur,  
Distt. Sepahijala – 799 181, Tripura

**Sub: Directions under Section 5 of the Environment (Protection) Act, 1986 to M/s Tripura Gas Based Power Station, NEEPCO, Dist. Sepahijala, Tripura - reg.**

WHEREAS, 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 ambient air and water, having potential threat to cause adverse effect on air and water 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 thereunder; and

WHEREAS, there is need to promote self-regulation and self-promotion 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, 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 Continuous Emission & Effluent Monitoring Systems (OCEMS) w.r.t. PM, SO<sub>2</sub>, NO<sub>x</sub>, pH, TSS, BOD, COD, Flow parameters in 17 categories of highly polluting industries including Thermal Power Plants; and

WHEREAS, directions under section 5 of the Environment (Protection) Act, were issued on July 21, 2015 to M/s Tripura Gas Based Power Station, NEEPCO, Tripura for installation of Online Continuous Emission & Effluent Monitoring Systems (OCEMS) for emission parameters PM, SO<sub>2</sub>, NO<sub>x</sub>, and effluent parameters pH, TSS, Flow, and submission of the status of installation and data connectivity; and

WHEREAS, M/s Tripura Gas Based Power Station, NEEPCO, Tripura has been inspected by a team of CPCB RD Shillong on June 14, 2023 under the environmental

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surveillance of 17 categories of high pollution potential industries and common facilities based on OCEMS data, in order to verify environmental compliance and the status of OCEMS. The salient observations based on the inspection carried out by CPCB inspecting team are as below:

1. The Plant has applied for renewal of Consent to Operate (CTO) under the Water Act, 1974 and Air Act, 1981 on 09.03.2023.
2. The concentration of NO<sub>x</sub> parameter during manual stack emission monitoring was found to be complying with the prescribed standard.
3. The concentrations of effluent parameters in the sample collected from ETP outlet were found to be complying with the prescribed standards of pH, free available chlorine, TSS, Oil & Grease, Phosphates, Copper, Chromium and Zinc, **except for Iron** (1.2 mg/l against 1.0 mg/l).
4. OCEMS has been installed for emission and effluent parameters, which are connected with CPCB server. However, **the OCEMS data transmission to CPCB server was found to be interrupted since Dec 2022 (which is still under same condition)**. Further, **the effluent sensor probes were found dipped into a drum that receives water from a small pipe-line coming out from the ETP discharge pipe** instead of being fixed directly in the treated effluent channel.
5. Spent Ion-Exchange Resin from DM Plant was found to be stored in drums in a separate area besides the DM Plant. However, **the plant has not obtained authorization under H&OW Rules, 2016 for hazardous and other wastes from SPCB**.

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 view of the above and in exercise of the powers vested under Section 5 of the Environment (Protection) Act, 1986, following directions are hereby issued to M/s Tripura Gas Based Power Station, NEEPCO, Tripura:

1. The Plant shall ensure compliance with the prescribed effluent standards and submit effluent analysis report for all prescribed parameters through EPA recognised lab.
2. The Plant shall take immediate action to restore transmission of OCEMS data to CPCB and SPCB servers, and ensure uninterrupted data transmission on regular basis.
3. The Plant shall take immediate action to ensure proper positioning of effluent sensor probes in consultation with the SPCB.
4. The Plant shall obtain authorization under H&OW Rules, 2016 for hazardous and other wastes from SPCB at the earliest.



M/s Tripura Gas Based Power Station, NEEPCO, Tripura shall ensure compliance of the directions mentioned above at Sl. Nos. 1 to 4 and submit compliance report within 30 days from the date of issue of the directions. In case of failure, the Board will be constrained to initiate action as deemed necessary and appropriate in the circumstances under the Environment (Protection) Act, 1986.

MS/112  
(Tanmay Kumar)  
Chairman

**Copy to:**

1. The Chairman  
Tripura State Pollution Control Board,  
Parivesh Bhawan, Pandit Nehru Complex,  
Gorkhabasti, P.O. Kunjaban,  
**Agartala – 799 006,**  
Tripura
2. The Director (CP Division)  
Ministry of Environment, Forests and Climate Change,  
Indira Paryavaran Bhawan, Aliganj,  
Jor Bagh Road,  
**New Delhi – 110 003**
3. The Regional Director (North-East),  
Central Pollution Control Board,  
BSNL NE – I, Telecom Office,  
CTO Building, Ground Floor,  
**Shillong - 793 001,**  
Meghalaya
4. The District Magistrate & Collector,  
Office of the D.M. & Collector,  
Bishramganj,  
Dist. **Sepahijala – 799 103,**  
Tripura
5. The Divisional Head - IT, CPCB

  
(Bharat Kumar Sharma)  
Member Secretary