



LiFE
Lifestyle for
Environment

WEST BENGAL POLLUTION CONTROL BOARD

(Department of Environment, Government of West Bengal)

Paribesh Bhawan, 10A, Block – LA, Sector III, Bidhannagar

Kolkata – 700 106, Ph. No.: 2202-3097/3096

Website: www.wbpcb.gov.in, Email: net.wbpcb-wb@bangla.gov.in

Memo No.

-344-WPB(HRO)-K-2011 (Part-VII)

Date: /09/2024

DIRECTION

WHEREAS, M/s. Kolaghat Thermal Power Station (WBPDCL) [hereinafter referred to as the industry] located at **P.O.-Mecheda, P.S.-Kolaghat, Dist.-Purba Medinipur, Pin-721137** is a coal fired thermal power plant having 6 nos. boilers which are provided with ESPs and stacks.

AND WHEREAS, the industry was inspected by the **West Bengal Pollution Control Board** (hereinafter referred to as the State Board) official on 19.02.2024. The unit has 06 units of 210 MW each, Unit 1 & Unit 2 were not in operation. Installation of DSI for Unit no. 3, 4, 5 & 6 were going on. The unit has installed lift connected with the stacks of Unit no. 4 & 6. Therefore, stack sampling was carried out at sampling port of stack of Unit 4 & 6 instead of Pass A & B duct.

AND WHEREAS, during inspection stack sampling was carried out for the stack attached to the Unit no. 4, Unit no. 5 Pass A and Unit no. 6 and the analysis report shows non-compliance in respect of Unit no. 6. The industry also failed to meet the PM emission standard during previous inspection by the Board official on 17.05.2023 & 09.08.2023.

Date of sampling	Stack connected with	Parameter	Value obtained (mg/Nm ³)	Permissible limit (mg/Nm ³)
19/02/2024	Boiler unit 6	PM	1446.84 at 6% O₂ correction	150
09/08/2023	Boiler unit 5 (Pass B)		253.78 at 6% O₂ correction	
17/05/2023	Boiler unit 5 (Pass B)		443.19 at 6% O₂ correction	

AND WHEREAS, during inspection the ETP was in operation. Effluent sampling was also carried out and the analysis report shows compliance. However, effluent sample was collected during inspection on 17.11.2023 from the outlet of ETP and ash pond over flow and the industry has failed to meet the effluent discharge standard. The details are given below:-

Date of sampling	Sample taken from	Parameter	Value obtained (mg/l)	Permissible limit (mg/l)
17/11/2023	Ash pond 4A overflow	TSS	142	100
	Outlet of ETP	Iron	2.69	1.0

AND WHEREAS, the Consent to Operate of the industry is valid upto 31.08.2028. The Hazardous Waste Authorization of the industry is valid up to 30.09.2027.

AND WHEREAS, the industry was called for a hearing on 30.04.2024 at the Head office of the Board for the above mentioned non-compliance of environmental norms. The representatives on behalf of the industry appeared in the hearing and submitted that at Stage 1, operation of Unit 1 & 2 has been stopped, only Unit no. 3 is operational. They mentioned that stack sampling result conducted by the Board official in November, 2023 has met the permissible standard. They stated that they have taken steps for meeting the emission norms in respect of Unit no. 6. They mentioned that about 75% work for DSI installation for Unit 3, 4, 5 & 6 has been completed.

NOW THEREFORE, considering the above, **M/s. Kolaghat Thermal Power Station (WBPDC)** located at P.O.-Mecheda, P.S.-Kolaghat, Dist.-Purba Medinipur, Pin-721137 is hereby directed as follows:-

1. **That**, the industry shall always operate with efficient functioning of pollution control system so as to comply with the environmental norms in respect of the stack emission as well as effluent discharge.
2. **That**, the industry shall enhance utilization of dry fly ash so as to achieve 100% utilization.
3. **That**, the industry shall submit a compliance report to the State Board regarding installation of Dry Sorbent Injection (DSI) system.
4. **That**, the industry shall execute a **Bank Guarantee (BG)** (proforma enclosed) of **Rs. 20,00,000/-** (Rupees twenty lakhs) only valid for twelve (12) months within fifteen [15] days from the date of issuance of this direction in favour of the **WEST BENGAL POLLUTION CONTROL BOARD (Union Bank of India IFSC Code UBIN0906638)** as an assurance to comply with the environmental norms as well as Board's direction.

The Environmental Engineer & In-charge, Haldia Regional Office of the State Board is requested to keep a strict vigil on the industry.

This direction is issued in exercise of the powers conferred under the provision of Section 33A of Water (Prevention & Control of Pollution) Act, 1974, Section 31A of Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and Rules made thereunder after being approved by the Competent Authority.

By Order,


Sd/-
Officer-on-Special Duty
(Operation & Execution)
West Bengal Pollution Control Board

Memo No. 10145(8) -344-WPB(HRO)-K-2011 (Part-VII)

Date: 30/09/2024

Copy forwarded for information and necessary action to:-

1. M/s. Kolaghat Thermal Power Station (WBPDC), P.O.-Mecheda, P.S.-Kolaghat, Dist.-Purba Medinipur, Pin-721137
2. The Chief Engineer, Planning & EIM Cell, WBPCB
3. The Senior Law Officer, WBPCB
4. The Environmental Engineer & In-charge, Haldia Regional Office, WBPCB
5. The FAM, WBPCB
6. T.A. to the Member Secretary, WBPCB
7. P.A. to the Chairman, WBPCB
8. Technical Cell, WBPCB for updating the website
9. Environment Officer- Communication, WBPCB – for circulation through float file
10. Guard file of O & E Cell


Officer-on-Special Duty
(Operation & Execution)
West Bengal Pollution Control Board