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WEST BENGAL POLLUTION CONTROL BOARD

(Department of Environment, Government of West Bengal)

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

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Memo No.

-7/WPBD-Cont(409)/98(Pt.-VI)

Date: /11/2023

DIRECTION

WHEREAS, M/s. Mejia Thermal Power Station (DVC) [hereinafter referred to as the industry] located at Vill.- Durlavpur, P.O.- MTPS, P.S.- Gangajalghati, Dist.-Bankura, Pin-722183 is a coal based thermal power plant having 8 nos. coal fired boilers with power generation capacity 210 MW each (for Unit 1 to 4), 250 MW each (for Unit 5 & 6) and 500 MW each (for Unit 7 & 8). All the boilers are equipped with ESP followed by stacks.

AND WHEREAS, the West Bengal Pollution Control Board (hereinafter referred to as the State Board) officials inspected the industry on 21.03.2023. During inspection the following observations were made by the inspecting official during inspection:

- During inspection all the units except unit no. 2 were in operation along with its air pollution control device (APCD).
- During inspection effluent sampling and stack monitoring conducted by the State Board official. The analysis report reveals that the unit has failed to meet the effluent discharge standard for the sample collected from the power house discharge of the unit 7 & 8 and for the sample collected from the STP Outlet. The unit has also failed to meet the emission standard for the stack attached to unit no. 6. The details are given below:

Date of Sampling	Sample collected from	Parameter	Result obtained	Permissible Standard
21.03.2023	Power house discharge of Unit 7 & 8	Fe	2.095 mg/l	1.0 mg/l
	STP Outlet	Fecal Coliform	1700 MPN/100 ml	1000 MPN/100 ml

Date of Sampling	Sample collected from	Parameter	Result obtained	Permissible Standard
21.03.2023	Stack of Unit 6	PM	76.49 mg/Nm³	50 mg/Nm ³

- During inspection, overflow of ash pond water was observed which was found to be flowing through a drain. From the analysis report, it appears that the unit has complied with the standard for ash pond overflow water.
- The repairing work of embankment of ash pond no. 2 was found to be completed.
- FGD commissioning work for Unit 7 & 8 was going on during inspection.

AND WHEREAS, earlier a direction was issued to the unit by the State Board vide memo no. 849-7/WPBD-Cont(409)/98(Pt.-V) dated 07.12.2021 with imposition of Environmental Compensation (EC) of Rs. 20,00,000/- and a Bank Guarantee (BG) of Rs. 50,00,000/-. The unit has deposited the EC and BG amount. The said BG was valid upto 18.02.2023.

AND WHEREAS, the Consent to Operate of the unit is valid upto 31.03.2027 and the Hazardous Waste Authorization is valid upto 30.11.2027.

AND WHEREAS, the unit was called for a hearing on 25.07.2023 at the Head office of the State Board for the above mentioned non-compliance of environmental norms. The representatives on behalf of the unit appeared in the hearing and submitted the following:

- Necessary steps have been taken regarding improvement of pond ash management, dry fly ash management including utilization of legacy ash.
- Maintenance/necessary rectification of pollution control devices are being done on regular basis in order to meet the environmental norms.
- Stack monitoring is done regularly and the data is being regularly transmitted to CPCB server.
- Proposal for installation of 2 nos. CAAQMS is under process.
- Steps to be taken for reducing the specific water consumption within the norms.
- Installation of FGD is going on and it is expected to be completed very soon.
- Good nos. of plants have been planted. Also, they are planning for more tree plantation during coming months.

Later the unit has submitted an action taken report to the State Board regarding ash management system, compliance of emission as well as effluent discharge norms, specific water consumption etc.

NOW THEREFORE, considering the above, **M/s. Mejia Thermal Power Station (DVC)** located at Vill. Durlavpur, PO. MTPS, PS. Gangajalghati, Bankura – 722183 is hereby directed as follows: -

1. **That**, the industry shall always operate pollution control system efficiently to comply with the particulate emission standard.
2. **That**, the industry shall submit a detailed proposal for utilization of Legacy ash as per Notification issued by the Ministry of Environment, Forest & Climate Change, Govt. of India.
3. **That**, the industry shall take necessary steps for enhancement of the storage capacity of ash pond.
4. **That**, the industry shall strengthen the recirculation system of ash water.
5. **That**, the industry shall take necessary steps for reduction of specific water consumption within the norms of 3.5 m³/MWhr.
6. **That**, the industry shall ensure that no discharge of ash water from the ash pond into the nearby agricultural lands at village Latiaboni and Nityanandapur.
7. **That**, the industry shall achieve Zero Liquid Discharge system.
8. **That**, the industry shall submit a report regarding progress of work for installation of Flue Gas Desulfurization (FGD).
9. **That**, the industry shall submit a status report regarding installation of 2 nos. Continuous Ambient Air Quality Monitoring Stations at the earliest.
10. **That**, the industry shall submit the certificate from the District Authority regarding deposition of Environmental Compensation as per Hon'ble NGT Order.
11. **That**, the industry shall either extend the existing **Bank Guarantee (BG)** of **Rs. 50,00,000/-** (Rupees fifty lakhs) for further period of one year or to submit a fresh Bank Guarantee of the same amount i.e. **Rs. 50,00,000/-** (Rupees fifty 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 Board's directions as well as environmental norms.

The Environmental Engineer & In-charge, Durgapur Regional Office of the State Board is requested to oversee the compliance of Board's direction. If the industry is found to be non-complying, the Board will take strict regulatory action against 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/-
Chief Engineer
Operation & Execution Cell
West Bengal Pollution Control Board

Memo No. 1623 (10)-7/WPBD-Cont(409)/98(Pt.-VI)

Date: 30/11/2023

Copy forwarded for information and necessary action to:

1. M/s. Mejia Thermal Power Station (DVC), Vill.- Durlavpur, P.O.- MTPS, P.S.- Gangajalghati, Dist.-Bankura, Pin-722183
2. The Deputy Secretary, Dept. of Environment, Govt. of W.B., Prani Sampad Bhavan, 5th Floor, LB-2, Sector-III, Bidhannagar, Kolkata-700106
3. Dr. Sonu Singh, Scientist 'E', MoEF & CC (CP Division), 3rd Floor, Jal Wing, Indira Paryavaran Bhawan, Jor Bagan Road, Aliganj, New Delhi-110003
4. The Chief Engineer, Planning & EIM Cell, WBPCB.
5. The Senior Law Officer, WBPCB.
6. The Environmental Engineer & In-charge, Durgapur Regional Office, WBPCB.
7. The FAM, WBPCB.
8. T.A. to the Member Secretary, WBPCB.
9. P.A. to the Chairman, WBPCB.
- ✓ 10. Technical Cell, WBPCB for updating the website.
11. Environment Officer- Communication, WBPCB – for circulation through float file.
12. Guard file of O & E Cell.


Chief Engineer
Operation & Execution Cell
West Bengal Pollution Control Board