



## WEST BENGAL POLLUTION CONTROL BOARD

(Department of Environment, Govt. of West Bengal)

Paribesh Bhawan

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**MEMO NO.: 1534 -331-WPB-SEE-K.O.-GEN/2005**

**DATE: 26-06-2009**

### **D I R E C T I O N**

**WHEREAS, M/S. DURGAPUR THERMAL POWER STATION** ( hereinafter referred as DTPS) under the administrative control of Damodar Valley Corporation operates its thermal power plant at Durgapur, Dist. – Burdwan, PIN – 713 207.

**WHEREAS**, in due consideration of the noncompliance of various environmental norms by the thermal power plant, the Board issued following directions on 11-07-2007 to M/S. DTPS for improving the environmental compliance by the unit:

1. M/S. DTPS is allowed three months time to comply with the particulate emission standard for power plant boilers.
2. M/S. DTPS will have to immediately adopt dry fly ash extraction or dry disposal system or Medium (35-40%) ash concentration slurry disposal system or Lean phase with hundred percent ash water re-circulation system as per the CREP condition.
3. M/S. DTPS will submit a time bound action plan to comply with the CREP conditions for thermal power plants as stated above within fifteen days (15) days from the date hereof.

**WHEREAS**, a Bank Guarantee amounting to Rs.15.00 Lakhs was also imposed on M/S. DTPS to ensure compliance of particulate emission standard in its thermal power plant.

**WHEREAS**, a recent inspection of M/S. DTPS was conducted by the Board Officials on 26-02-2009 for assessing the compliance of the Board's directions. The following observations were made:

- A. Visible emission was observed from the stacks attached to the unit No. 3 & 4. However, the unit has made significant progress towards compliance of particulate emission from the stacks. In fact, the unit has complied with the particulate emission standard during the last stack monitoring conducted by the Board on 13-03-2009.
- B. The fly ash management system of M/s. DTPS still continues to be poor. Deposited ash was found in heaps alongside the riverbank. A number of channels directly carrying ash slurry from ash pond to the river was noticed all along the river bank suggesting that the ash is washed into the river Damodar.
- C. The unit has violated the CREP conditions vis-à-vis dry fly ash collection system and total ash water recirculation. The unit has not yet installed ash water re-circulation system or dry fly ash disposal system as committed by M/S. DTPS.

**WHEREAS**, M/S. DTPS was called for a technical hearing for the above noncompliance on 24-04-2009 at the Head Office of the Board. The Chief Engineer of the power plant appearing in the hearing submitted that they have improved the level of emission significantly after the Board initiated a programme for containment of visible emission from the industries situated within the Durgapur Municipal Corporation and they are hopeful that they will be successful in complying

with the emission norms on a regular basis. For commissioning of dry fly ash collection system and 100% ash water recirculation system, the Chief Engineer submitted that they require time even up to December, 2010.

**NOW, THEREFORE**, considering the improvement in the overall emission scenario and also compliance observed during the last monitoring, **M/S. DURGAPUR THERMAL POWER STATION** is hereby directed as under:

1. **THAT**, M/S. DTPS is allowed time up to December, 2009 for complete commissioning of dry fly ash collection system and to stop discharge of ash pond overflow into the river Damodar (100% ash water recirculation).
2. **THAT**, M/S. DTPS should always operate its emission control system efficiently to comply with the particulate emission standard on a regular basis.
3. **THAT**, M/S. DTPS should submit a Pollution Cost of Rs.2.00 Lakhs (Rupees Two Lakhs only) within fifteen days from the date of issuance of this direction through Demand Draft payable at Service Branch at Kolkata/Banker's Cheque in favour of WEST BENGAL POLLUTION CONTROL BOARD for failing to comply with the CREP condition.
4. **THAT**, M/S. DTPS will have to submit a Bank Guarantee (proforma enclosed) of Rs.10.00 Lakhs (Rupees Ten Lakhs only) within fifteen days from the date of issuance of this direction valid for twelve months in favour of the WEST BENGAL POLLUTION CONTROL BOARD as an assurance to comply with the condition No.1 within the stipulated time frame.

This direction is issued in exercise of the powers conferred under Water (Prevention and Control of Pollution) Act, 1974, Air (Prevention and Control of Pollution) Act, 1981 and Environment (Protection) Act, 1986 and Rules made thereunder.

By Order,

**Sd/-**

(Dr. D. Chakraborty)

**Chief Scientist & Head-Technical Cell  
West Bengal Pollution Control Board**