



WEST BENGAL POLLUTION CONTROL BOARD

(Department of Environment, Govt. of West Bengal)

Paribesh Bhawan

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MEMO NO.: 596-1A-148/2000-PART-I

DATED : 14-05-2007

DIRECTION

WHEREAS, **M/S. KOLAGHAT THERMAL POWER STATION** (hereinafter referred as KTPS) operate its thermal power plants (six units) in Kolaghat, P. O. : - Mecheda, P. S.: - Kolaghat, Dist. – Purba Medinipur was called for a hearing in the Head Office of the **WEST BENGAL POLLUTION CONTROL BOARD** (hereinafter referred as the Board) on 27-04-2007 as the last few monitoring results shows non-compliance in respect of particulate emission for both the Stage-I & Stage-II boilers which are tabulated below:

Non-compliance in regard to emission				
DATE	SAMPLE COLLECTED FROM	PARAMETER	RESULT OBTAINED (mg/Nm ³)	PERMISSIBLE LIMIT (mg/Nm ³)
03/04-04-06	Boiler-4 Boiler-1 Boiler-5 Boiler-6	Particulate matter	164.77	150
			297.01	
			611.14	
			387.96	
18-07-2006	Boiler-2 Boiler-3 Boiler-5 Boiler-6		469.44	
			203.07	
			465.50	
			700.70	
13/14-11-06	Boiler-1 Boiler-5 Boiler-6		163.15	
			195.2	
		253.6		
10/11-01-07	Boiler-3 Boiler-5	211.90		
		302.40		

WHEREAS, in the hearing Shri Amit Chattopadhyay, Sr. Manager (C), Environment Cell representing the KTPS submitted that they have commissioned ammonia flue gas conditioning system for Stage-I boilers and are in the process of commissioning SO₃ conditioning for the flue gas for further improvement of emission compliance. He also submitted that they are now complying with the particulate emission standard, which is likely to be reflected in April, 2007 monitoring carried out by Haldia Regional Office of the Board. Regarding dry ash collection, KTPS submitted that they have made arrangements for dry ash collection system in all the six boilers and their dry ash utilization is about 40%. So far the total ash utilization figure is concerned KTPS submitted that National High Way Development Authority, Cement Manufacturing Plants, Asbestos Product Manufacturing Units and Ready-mix plants are currently using more than 100% of their ash.

WHEREAS, regarding non-compliance of TSS standard for the effluent discharged to the Banpur canal, the industry submitted that the plant is in the process of commissioning additional settling pits for addressing the problem of discharge of high TSS. Regarding over flow from the ash pond they are planning to raise the height of the bund facing Midnapur canal and they have taken up the matter with the Irrigation Department as the Midnapur canal is owned by the Irrigation Department.

WHEREAS, KPTS is currently failing to comply with the particulate emission standard as was supposed to be achieved by 31st December, 2005 as per the CREP condition.

NOW THEREFORE, in exercise of the powers conferred under Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981, Environment (Protection) Act, 1986 & Rules made thereunder and Hazardous Waste (Management & Handling) Rules and its subsequent amendments, as also non-compliance of conditions stipulated under CREP for thermal power plant, **M/S. KOLAGHAT THERMAL POWER STAION** is hereby directed as follows

1. M/S. KTPS will have to ensure compliance of emission standard in respect of particulate matter by continuous and efficient functioning of the pollution abatement system in all six units and will also comply with the discharge of effluent in respect of Total Suspended Solids (TSS). Regarding compliance KTPS should submit an action plan to the Board within one month from the date hereof.
2. M/S. KTPS will have to adopt dry flyash extraction or dry disposal system or Medium (35-40%) as concentration slurry disposal system or Lean phase with hundred percent ash water re-circulation system as per the CREP condition.
3. M/S. KTPS will have to ensure utilization of ash disposal as per the Gazette Notification S. O. 763(E) dated 14-09-1999 of Ministry of Environment and Forests, Government of India
2. All these action are required to be completed within six months .
3. **M/S. KTPS will have to submit a Bank Guarantee [proforma enclosed] of Rs.10.00 Lakhs (Rupees Ten Lakhs) valid for twelve (12) months within fifteen (15) days from the date hereof in favour of the WEST BENGAL POLLUTION CONTROL BOARD as an assurance for compliance of the above directions.**

In case of the non-compliance of the above directions by the industry within the stipulated time, the Board may have to issue necessary regulatory order without any further reference.

This has the approval of the Competent Authority.

Order

Sd/-

(Dr. D. Chakraborty)

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