

**WEST BENGAL POLLUTION CONTROL BOARD**

(Department of Environment, Govt. of West Bengal)

Paribesh Bhawan

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MEMO NO.: 1003-366/WPB/SEE-K.O.-GEN/2006**DATED : 22-06-2007****DIRECTION**

WHEREAS, **THE DURGAPUR PROJECTS LTD. (DPL)** (hereinafter referred as the DPL) operates its power plant and coke oven & byproducts plant in Durgapur, Burdwan.

WHEREAS, M/S. DPL continuously fails to comply with the particulate emission standard in power plant boilers. The DPL is also recorded to be failing to comply with liquid discharge standard for ammonia nitrogen, cyanide etc. in its coke oven and by product effluent. The results of such noncompliance are illustrated below:

Stack sampling results :

DATE OF SAMPLING	SAMPLE COLLECTED FROM	RESULTS (mg/Nm ³)	PERMISSIBLE LIMIT (mg/Nm ³)
20-10-2006	Boiler No.5	784.85	150
26-10-2006	Boiler No.6	305.63	
18-01-2007	Boiler No.3	271.40	
18-01-2007	Boiler No.5	3088.94	

Results of effluent sampling :

DATE	SAMPLE COLLECTED FROM	pH	TSS (mg/l)	COD (mg/l)	BOD (mg/l)	Phenol (mg/l)	NH ₄ - N (mg/l)	CN (mg/l)	Fe (mg/l)
Permissible limit		100	-	30	5.0	50	50	0.2	1.0
29-11-2006	COBP inlet	9.33	34	222.48	57.50	10.80	822	5.056	-
	COBP + PP Outlet	8.85	510	146.24	12.92	0.61	84.65	0.764	0.23
	Ash pond overflow	7.93	52	-	-	-	-	-	-
26-12-2006	COBP inlet	9.41	42	46.83	21	9.85	352.25	11.03	-
	COBP + PP Outlet	8.93	20	8	-	0.57	58.32	0.53	0.09
	Ash pond overflow	8.45	28	-	-	-	-	-	-
18-01-2007	COBP inlet	9.31	10	194.33	30.88	3.06	496.25	12.38	-
	COBP + PP Outlet	9.09	48	49.01	6.5	0.38	45.35	2.64	0.51
	Ash pond # 3 overflow	8.38	644	6.79	-	-	-	-	-

WHEREAS, a hearing was conducted involving the DPL on 18-05-2007 at the Head Office of the West Bengal Pollution Control Board.

WHEREAS, in the hearing Shri A. K. Chakraborty, General Manager (Power & ETD) of M/s. DPL squarely agreed that inspite of their best effort including ammonia gas conditioning and commissioning of ESP for older power plants in place of mechanical dust collection system, they are failing to comply with the particular emission standard, specially in Boiler No.5. He also submitted that the unit would take shut down of all the old boilers once the new boiler No.7 is commissioned in October, 2007. The industry gave an assurance that the BOD plant for treating effluent from coke oven and by product plant within a year for compliance of liquid discharge standard.

NOW THEREFORE, in exercise of the powers conferred under Water (Prevention and Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981 and Environment (Protection) Act, 1986 and Rules made thereunder **M/S. THE DURGAPUR PROJECTS LTD.** is hereby directed as follows

1. That, DPL should submit an action plan within one month from the date of issue of this order for compliance of both liquid and gaseous emission standard in line with their submission in the hearing.
2. Once the older boilers are put on a shut down mode for total revamping, DPL will have to take permission for restarting the boilers from the State Pollution Control Board.
3. That, DPL will complete commissioning of BOD Plant within one year from the date of issuance of this order.
4. That, DPL should submit a Bank Guarantee (proforma enclosed) for Rs.10.00 Lakhs (Rupees Ten Lakhs only) [valid for twelve months] within fifteen (15) days from the date of issue of this direction in favour of the WEST BENGAL POLLUTION CONTROL BOARD to ensure compliance of environmental norms both in terms of gaseous and liquid discharge standard.

In case of the non-compliance of the above directions by the DPL 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**