



WEST BENGAL POLLUTION CONTROL BOARD

(Department of Environment, Govt. of West Bengal)

Paribesh Bhawan

Bldg. No. 10A, LA Block, Sector-III, Biddhannagar

Kolkata-700 098

Tel: 2335-9088, 2335-7428, 2335-8211, 2335-8073, 2335-6731

2335-0261, 2335-8212, 2335-8213, 2335-8861, 2335-5975

Fax: (0091) (033) 2335-6730 / 2335-2813

MEMO NO.: 1915 -408-WPB-SEE-K.O.-GEN/2006

DATE: 20-09-2007

DIRECTION

WHEREAS, **M/S. IISCO STEEL PLANT** (hereinafter referred as IISCO) under **STEEL AUTHORITY OF INDIA LTD.** operates its integrated steel plant at Burnpur, P. S. – Hirapur, Dist. – Burdwan.

WHEREAS, serious air pollution from the steel plant could be recorded through recent photographic evidence by the Officials of **THE WEST BENGAL POLLUTION CONTROL BOARD** (hereinafter referred as the Board). Special reference can be made regarding the emission from steel melting shop. There is also evidence of very high secondary emission from the unit.

WHEREAS, analysis of effluent samples collected from the BOD plant's outlet before the same is being used for coke quenching reveals the presence of high concentration of BOD, phenol, ammonia & cyanide in the effluent generated from coke oven and byproduct plant even after treatment, suggesting that the toxic waste is being used for coke quenching.

WHEREAS, M/S. IISCO, Burnpur was called for a hearing in the Head Office of the Board on 31-08-2007 for such gross environmental non-compliance as referred above.

WHEREAS, during hearing the representatives of M/S. IISCO, Burnpur submitted that a part of the water containing highly toxic pollutants is used for re-circulation in various plant operations and the rest is used for coke quenching. The members of the Technical Committee observed that this partially treated /untreated water cannot be allowed to be used for coke quenching or even for re-circulation unless the same conforms to the discharge limit. Use of this cyanide and ammonia contaminated water for coke quenching will eventually lead to serious air pollution in and around the quenching area.

WHEREAS, the officials of M/S. IISCO, submitted before the Technical Committee in the hearing that they require time up to January, 2008 for complete commissioning of emission control system for steel melting shop and time up to September, 2009 for commissioning of new BOD plant respectively. The Technical Committee is of the opinion that the time limit suggested by the unit to install the pollution control devices as stated above, can not be accepted, as the time table suggested by the unit is too high and not realistic.

NOW THEREFORE, in exercise of the powers conferred under Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981 and

Environment (Protection) Act, 1986 and Rules made thereunder **M/S. IISCO STEEL PLANT**, Burnpur is hereby directed as follows

- A. That, M/S. IISCO should complete revamping of the emission control system of the steel melting shop by March, 2008 and comply with the standard. The unit should also ensure that the secondary emission is minimized within this period.
- B. That, M/S. IISCO should complete commissioning of the new BOD plant for treatment of effluent generated from coke oven and byproducts plant by March, 2008 and ensure compliance with the discharge standard from the outlet of BOD plant.
- C. That, M/S. IISCO should submit a Bank Guarantee (proforma enclosed) for Rs.15.00 Lakhs (Rupees Fifteen Lakhs only) valid for twelve [12] months within fifteen days from the date hereof in favour of the WEST BENGAL POLLUTION CONTROL BOARD to ensure compliance of the above two conditions.

In case of the non-compliance of the above directions by M/S. IISCO, Burnpur 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**