



## WEST BENGAL POLLUTION CONTROL BOARD

(Department of Environment, Govt. of West Bengal)

Paribesh Bhawan

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MEMO NO.: 2924 -1A-48/2000-PART-II

DATE: 21-01-2008

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

WHEREAS, **M/S. PHILLIPS CARBON BLACK LTD.** (hereinafter referred as the industry) operates its carbon black manufacturing unit at 27, R. N. Mukherjee Road, P. S. – Coke Oven, P. O. – Durgapur, Dist. – Burdwan.

WHEREAS, a public complaint was lodged by the S.D.O., Durgapur before the **WEST BENGAL POLLUTION CONTROL BOARD** (hereinafter referred as the Board) alleging emission of carbon black from various chimneys of the industry.

WHEREAS, the Board officials inspected the industry and the adjoining Karangapara village on 23-10-2007. During inspection the officials observed significant deposition of carbon black on the roads, pavements, leaves of the trees as also in the terrace of a temple of the locality. The same deposition was also noted on the courtyard of local residents and other places in the Karangapara village.

WHEREAS, the recent pictures taken by the officials of the Pollution Control Board revealed emission of black smoke in the form of carbon black from all the stacks of the industry reflecting gross noncompliance of emissions norms.

WHEREAS, a public hearing was conducted at the Head Office of the Board on 07-12-2007 involving the industry.

WHEREAS, the Unit Head of the industry appearing in the hearing submitted that they are aware of the situation and has taken number of steps to ensure that no black smoke (carbon black) is emitted either from reactor stack or any other stack. He also submitted that the secondary emission of carbon black has also been taken care of. The industry also mentioned that they are taking following steps to improve the The implementation of the steps as mentioned by the Unit Head are illustrated below which will be completed shortly.

- A. They are commissioning additional module of bag filter in line No.2 and revamping the bag houses in other two lines. The work is expected to be completed shortly.
- B. They will ensure minimizing of secondary emission from the process, loading/unloading and packing areas.
- C. The unit is in the process of commissioning power plant utilizing off gas from manufacturing operation. The off gas not only contains carbon monoxide and carbon black, but also, H<sub>2</sub>S which is an offensive and toxic gas. .

NOW THEREFORE, considering the violation of the emission norms duly corroborated through photographic evidence and also considering the proposed initiatives for improving the emission situation **M/S. PHILLIPS CARBON BLACK LTD.** is hereby directed as under.

1. That, the industry is allowed time up to March, 2008 for commissioning power plant utilizing off gas from manufacturing operation.
2. That, the industry will also take care of the pungent odour problem from the emission of off gases.
3. That the industry should submit a Bank Guarantee of Rs.20.00 Lakhs (Rupees Twenty Lakhs only) (proforma enclosed) valid for twelve [12] months within fifteen [15] days from the date of issuance of this order in favour of the WEST BENGAL POLLUTION CONTROL BOARD as an assurance of completion of all the action as mentioned above in Sl. No. A – C prepage within 31<sup>st</sup> March, 2008.
4. That, the industry should submit a pollution cost of Rs.10.00 Lakhs (Rupees Ten Lakhs only) by a Demand Draft/Banker's Cheque payable at service branch, Kolkata within fifteen [15] days from the date hereof in favour of the WEST BENGAL POLLUTION CONTROL BOARD for the violation of environmental as recorded above.

In case of non-compliance of the aforementioned directions by the said unit within the stipulated time, the State Pollution Control Board will necessary regulatory order without any further reference.

This direction is issued in exercise of the powers conferred under Air (Prevention & Control of Pollution) Act, 1991 and Environment (Protection) Act, 1986 and rules made thereunder.

This order has the approval of the Competent Authority.

By Order

**Sd/-**

(Dr. D. Chakraborty)

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