West Bengal Pollution Control Board  
(*Department of Environment, Government of West Bengal*)  
Paribesh Bhawan, Bldg. 10A, Block LA  
Sector III, Salt Lake, Kolkata 700 098  
Tel: 2335-6730, 2335-9088/7428/8211/0261/8861  
Fax: 2335-2813

Memo No. 534-2A/Z-II/R/40-95/96  
Date: 21/06/2016

**DIRECTION**

WHEREAS, M/s. BESCO Ltd. (Foundry Division), Baruipur Works (hereinafter referred to as the industry) located at P.O. & P.S.-Baruipur, Dist.- South 24 Parganas, Pin-700 144 is engaged in steel casting and manufacturing of railway wagon. The industry has 2 nos. Electric Arc Furnace of capacity 10 Ton/heat & 5 Ton/heat respectively, 2 nos. F.O. fired heat treatment furnace of capacity 20 Ton each, 2 nos. F.O. fired Sand driers of capacity 6 Ton & 3 Ton respectively and 2 nos. F.O. fired Heating Furnace & 1 no. F.O. fired Tempering Furnace. The Arc Furnaces are connected to a stack of height 30m from G.L. through ID Fan and water scrubber as air pollution control device (APCD). The heat treatment furnaces are connected to a separate stack of height 30m each from G.L. The Sand driers are connected to a separate stack of height 15m each from G.L. The heating furnace and tempering furnace used for spring formation are connected to a separate stack of height 15m each from G.L. The spring section is not being operated at present and it is reported that springs are outsourced nowadays.

AND WHEREAS, the industry was inspected by the officials of West Bengal Pollution Control Board (hereinafter referred to as the Board) on 09/03/2016. During inspection the 10 Ton arc furnace was found in operation and huge emission was observed to be escaping the hood, practically no emission was entering the hood and so, stack monitoring could not be carried out. A hole in the asbestos roof of the factory shed above the furnace was found resulting in engulfing the adjacent area with smoke. One of the heat treatment furnaces was in operation during inspection. The results of stack sampling carried out during inspection for the stack of heat treatment furnace shows compliance.

AND WHEREAS, the industry has oil catchpit/settling chambers for treatment of liquid waste. Effluent sampling was carried out during inspection on 09/03/2016 and the industry failed to meet the effluent discharge standards (*BOD*-102.38 mg/l, *TSS*-152.0 mg/l).

AND WHEREAS, the Consent to Operate of the industry expired on 30/06/2015. The industry has applied for extension of CFO on 11/05/2015 (fees valid upto 30/06/2016).

AND WHEREAS, a hearing was conducted at the Head Office of the Board on 24/05/2016 for the non-compliance of environmental norms as observed during inspection by the Board officials.

AND WHEREAS, the representatives of the industry appearing in the hearing agreed with the above mentioned observations of the Board. They submitted that they have applied online for renewal of Consent to Operate on 28/04/2016 and would obtain Hazardous Waste Authorisation from the Board at the earliest. They also submitted that a time bound action plan would be submitted by them within ten days regarding installation of fourth hole system for increasing the efficiency of suction system of APCD.
NOW THEREFORE, considering the facts as recorded above, M/s. BESCO Ltd. (Foundry Division), Baruipur Works located at P.O. & P.S.-Baruipur, Dist.- South 24 Parganas, Pin-700144 is hereby directed as follows:

1. That, the industry shall take necessary steps for installation of fourth hole system to improve the suction arrangement of the air pollution control device within 31st August, 2016 in order to minimize fugitive emission. An action plan in this regard is to be submitted by the industry within seven days from hereof.

2. That, the industry shall take necessary steps for treatment of canteen effluent.

3. That, the industry shall always operate with efficient functioning of the pollution control systems so as to maintain the environmental norms.

4. That, the industry shall submit a Bank Guarantee (proforma enclosed) of Rs. 5,00,000/- (Rupees five lakh) only, 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 to comply with the above Direction.

The Environmental Engineer, Salt Lake Regional Office of the Board is requested to inspect the industry after August, 2016 to verify the compliance status of above direction. If the industry is again found to be non-complying, the Board will take strict regulatory action against the industry.

This direction is issued in exercise of the powers conferred under the provision of Section 33A of Water (Prevention & Control of Pollution) Act, 1974, Section 31A of Air (Prevention & Control of Pollution) Act 1981 and the Environment (Protection) Act, 1986.

This order has the approval of the Competent Authority.

By Order,

Sd/-
Chief Engineer
Operation & Execution Cell
West Bengal Pollution Control Board