



**WEST BENGAL POLLUTION CONTROL BOARD**

( Department of Environment, Govt. of West Bengal )

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Memo No. 248-7/WPBD-Cont(2864)/06

Date: 09/10/2015

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

**WHEREAS, M/s. Surya Alloy Industries Ltd.** (hereinafter referred to as the industry) located at **WBIDC, Plasto Steel Park, Vill. & P.O.- Ghutgoria, P.S.- Barjora, Dist.- Bankura, Pin- 722 202** is engaged in manufacturing ferro alloy (ferro manganese, ferro chrome & silico manganese etc), alloy steel billet, spring steel billet, MS ingot, different rolling mill products and railway track material. The industry has 2X9MVA Sub-merged Electric Arc Furnaces (SEAFs) for production of ferro alloys. Both SEAFs are attached with individual bag house followed by a common stack of height 30m from G.L. The industry also has one Electric Arc Furnace (1X20 MT), one induction furnace (1X7MT), one ladle refining furnace (1X20MT), one oil fired reheating furnace (1X10MT/hr), one oil fired walking beam furnace (5400TPA), two oil fired heat treatment furnaces (5400 TPA each), one oil fired Vacuum Degassing Unit (1X20MT) in steel making section. Electric Arc furnace is attached with bag filter and stack of height 30m from G.L., Induction furnace is attached with bag filter and a stack of height 18m. LRF is provided with bag filter and a stack of height 30m from G.L. All oil fired furnaces are connected to individual stack of height 30m. from G.L.

**AND WHEREAS,** a complaint was received from M/s XPRO India Ltd., Vill. & P.O.- Ghutgoria, P.S.- Barjora, Dist.- Bankura against the industry through the District Magistrate Bankura alleging contamination and deterioration of their product due to massive dust emission from M/s. Surya Alloy Industries Ltd.

**AND WHEREAS,** an inspection of the industry was carried out by the officials of the **West Bengal Pollution Control Board** (hereinafter referred to as the Board) on 20.08.2015. During inspection SEAF-2 was in operation. Air pollution control device (APCD) attached to SEAF-2 was functional and emission from stack was found to be low. The electric arc furnace was also in operation with its APCD but very high emission was noticed through the stack as well as from shed engulfing the surrounding area.

**AND WHEREAS,** earlier the industry was closed by the State Board on 05.02.2015 for violating the environmental norms.

**AND WHEREAS,** the Consent to Operate of steel melting section is valid upto 30.06.2017 and CFO of ferro alloy section is valid upto 31.03.2017.

**AND WHEREAS,** the industry was called for a hearing at the Head office of the Board on 15/09/2015 for the above mentioned non-compliance of environmental norms.

**AND WHEREAS,** the Managing Director of the industry appearing in the hearing agreed with the above mentioned observations of the Board. He submitted that they have changed all filter bags along with cages for their steel melting section. However, they would take necessary corrective measures including enhancement of suction capacity to mitigate fugitive emission from the electric arc furnace within 3-4 months.

**NOW THEREFORE**, considering the non-compliance of environmental norms observed during inspection by the Board officials, **M/s. Surya Alloy Industries Ltd.** located at WBIDC, Plasto Steel Park, Vill. & P.O.- Ghutgoria, P.S.- Barjora, Dist.- Bankura, Pin- 722 202 is hereby directed as follows:

1. **That**, the industry shall take necessary steps to augment the emission control system provided with the Electric Arc Furnace within 31<sup>st</sup> December, 2015.
2. **That**, the industry shall always operate the emission control devices efficiently so as to comply with the PM emission standard.
3. **That**, the industry shall take shut down of its manufacturing activity whenever the pollution control system fails to function and the same will be intimated to the Board.
4. **That**, the industry shall take adequate measures like water sprinklers at appropriate locations within the factory premises to minimise fugitive dust emission.
5. **That**, the industry shall execute 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 direction in favour of the **WEST BENGAL POLLUTION CONTROL BOARD** as an assurance to comply with the above direction.

The Environmental Engineer, Durgapur Regional Office of the Board will monitor the industry after December 2015 to verify the compliance of the direction and if the industry is found running violating the Board's direction, the Board will be at liberty to take stricter action like forfeiture of Bank Guarantee, Closure of the industry with disconnection of electricity etc.

This direction is issued in exercise of the powers conferred under the provision of Air (Prevention & Control of Pollution) Act 1981, the Environment (Protection) Act, 1986 and Rules made thereunder after being approved by the Competent Authority.

By Order,

Sd/-

**Chief Engineer**

**Operation & Execution Cell**

**West Bengal Pollution Control Board**