WHEREAS, M/s. Sairam Iron Industries (hereinafter referred to as the industry) located at 8/1 & 8/2, ‘L’ Road, Belgachia, Netajigarh, Dist.- Howrah, Pin - 711 108 is a cast iron foundry.

AND WHEREAS, the industry is having 1 no. Cupola Furnace of 3 MT/hr. capacity. The furnace is provided with wet scrubber followed by a stack of height 29m from G.L. as air pollution control device (APCD). The hot room is also provided with a stack of height 4.2m from G.L.

AND WHEREAS, the industry was inspected on 17.01.2014. During inspection the Cupola Furnace was found in operation with APCD. The condition of the ladder and platform of the stack attached to the cupola furnace was found in very poor condition during inspection and needs to be repaired immediately. Stack monitoring was conducted for stack attached to cupola furnace and the industry failed to comply with the PM emission standard. Earlier the industry also failed to meet the PM emission standard during stack sampling on 27/08/2013. The results are tabulated below:-

<table>
<thead>
<tr>
<th>Date of Sampling</th>
<th>Sample collected from</th>
<th>Results Obtained (mg/Nm$^3$)</th>
<th>Permissible Limit (mg/Nm$^3$)</th>
</tr>
</thead>
<tbody>
<tr>
<td>17/01/2014</td>
<td>Cupola Furnace</td>
<td>443.15</td>
<td>150</td>
</tr>
<tr>
<td>27/08/2013</td>
<td></td>
<td>319.23</td>
<td></td>
</tr>
</tbody>
</table>

AND WHEREAS, the ‘Consent to Operate’ of the industry expired on 30/11/2013. The industry has not applied for renewal of ‘Consent to Operate’ till date.

AND WHEREAS, the industry was called for a hearing at the head office of the Board on 27.03.2014 for the above mentioned non-compliance.

AND WHEREAS, the representative of the industry appearing in the hearing agreed with the above mentioned observations of the Board. He submitted that the repairing work of ladder and platform of the stack attached to the cupola furnace is in progress. He also submitted that they would take necessary action towards modification / upgradation of the emission control system in order to meet the PM emission standard and would increase the height of stack of the hot room up to 15 meter from ground level. They requested for two months’ time to complete the aforesaid jobs. He stated that the renewal application for Consent to Operate will be submitted within seven days. The industry has submitted the CFO application at Howrah Regional Office on 01.04.2014.

NOW, THEREFORE, considering the non-compliance as mentioned above, M/s. Sairam Iron Industries located at 8/1 & 8/2, ‘L’ Road, Belgachia, Netajigarh, Dist.- Howrah, Pin - 711 108 is hereby directed as follows:

1. That, the industry shall take necessary action towards modification / upgradation of the emission control system attached to the cupola furnace in order to meet the PM emission standard within 31.05.2014.
2. **That**, the industry shall complete the repairing work of the ladder and platform of the stack connected to the cupola furnace and shall increase the height of stack of the hot room up to 15 meter from ground level within 31.05.2014.

3. **That**, the industry shall operate with valid ‘Consent to Operate’ of the Board.

4. **That**, the industry shall submit a **Bank Guarantee** (proforma enclosed) of **Rs.75,000/-** (Rupees Seventy Five Thousand) 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 directions.

The Senior Environmental Engineer and In-charge, Howrah Regional Office of the State Board is requested to keep vigil on the industry and if the industry is found to violate the direction of the Board, stricter regulatory order will be issued.

This direction is issued in exercise of the powers conferred under provisions of the Air (Prevention & Control of Pollution) Act, 1981 and 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