West Bengal Pollution Control Board  
(Department of Environment, Government of West Bengal)  
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Sector III, Salt Lake, Kolkata 700 098  
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Memo no.: 2161-WPBA/Red(Bwn)/Cont(358)/02  
Date: 25/03/2014

**DIRECTION**

WHEREAS, M/s. Sabitri Sponge Iron Pvt. Ltd. (hereinafter referred to as the industry) located at G.T. Road, Bansra, Chatardanga, P.O.- Searsol Rajbari, P.S.- Raniganj, Dist.- Burdwan, Pin – 713 347 is a sponge iron industry. The industry has two (02) nos. Rotary Kilns of capacity 50 TPD each equipped with ESP as air pollution control device and connected to a common stack of height 36m from G.L.

AND WHEREAS, the industry was inspected on 04/12/2013 by the WEST BENGAL POLLUTION CONTROL BOARD (hereinafter referred to as the Board). During inspection one Rotary kiln was operating but the ESP was found to be non-functional resulting in high emission through the stack. High fugitive emission was also observed from product house. Water spraying tankers were not in operation during inspection. Housekeeping and road conditions of the industry were found to be poor. Coal fines were observed to be dumped in open space. Plantation inside the industry premises was found to be inadequate.

AND WHEREAS, during stack sampling on 05/03/2012 and 11/07/2013, the industry failed to meet the PM emission standard for the stacks connected to two Rotary Kilns and Cooler Discharge. The results are tabulated below:-

<table>
<thead>
<tr>
<th>Date of sampling</th>
<th>Sampling point</th>
<th>Concentration of PM (mg/Nm$^3$)</th>
<th>Permissible limit (mg/Nm$^3$)</th>
</tr>
</thead>
<tbody>
<tr>
<td>05/03/2012</td>
<td>Stack connected to Rotary Kiln 1 &amp; 2</td>
<td>307.07</td>
<td>100</td>
</tr>
<tr>
<td></td>
<td>Stack connected to Cooler Discharge &amp; I Bin</td>
<td>705.70</td>
<td></td>
</tr>
<tr>
<td>11/07/2013</td>
<td>Stack connected to Rotary Kiln 1 &amp; 2</td>
<td>161.37</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Stack connected to Cooler Discharge &amp; I Bin</td>
<td>108.34</td>
<td></td>
</tr>
</tbody>
</table>

AND WHEREAS, show cause letters were issued to the industry on 02/04/2012 and 19/08/2013 for the above mentioned violations. The industry submitted reply to the show cause letters stating that the failure occurred due to some mechanical problem in the emission control device and they had rectified the same.

AND WHEREAS, the Consent to Operate of the industry is valid up to 31/03/2014.

AND WHEREAS, the industry was called for a technical hearing on 09/01/2014 at the head office of the Board due to repeated violation of environmental norms as recorded above.

AND WHEREAS, the representatives of the industry appearing in the hearing agreed with the above mentioned observations of the Board. They submitted that high emission observed during inspection through the stack connected to Rotary Kiln 1 & 2 because a problem was developed in ESP due to cracking of ESP insulators. They stated that they have changed the ESP insulators and presently the ESP is functioning properly. They mentioned that they have planted around 1000-1100 trees inside the industry premises, improved housekeeping of the industry and water spraying is being carried out on regular basis.
NOW THEREFORE, considering the violations recorded above and the submission made by the industry, the Board hereby directs **M/s. Sabitri Sponge Iron Pvt. Ltd.** located at G.T. Road, Bansra, Chatardanga, P.O.- Searsol Rajbari, P.S.- Raniganj, Dist.- Burdwan, Pin – 713 347 as follows:-

1. **That**, the industry shall always operate with efficient functioning of air pollution control device (APCD) in order to comply with PM emission standard in future.

2. **That**, the industry shall keep the coal fines in covered place. All the internal roads of the industry shall be paved.

3. **That**, the industry shall comply with all the directives issued by the Board vide Memo No. 1044-4A/ WPB/CE-II/GEN/2008 dated 01/06/2012.

4. **That**, the industry shall submit a Bank Guarantee (proforma enclosed) of **Rs.3,00,000/-** (Rupees Three 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 directions.

The Environmental Engineer, Asansol Sub-Regional Office of the Board is requested to keep a strict vigil upon the industry. If the industry is again found to be non-complying, the Board may take stricter regulatory action against the industry.

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 as amended, after being approved by the competent authority.

By Order,

Sd/-

Chief Engineer
Operation & Execution Cell
West Bengal Pollution Control Board