DIRECTION

WHEREAS, M/s. MB Sponge & Power Ltd. (hereinafter referred to as the industry) located at P.O.- Hijalgoda, P.S.- Jamuria, Dist.- Burdwan, Pin- 713 336 is a sponge iron manufacturing industry. The industry has two rotary kilns of capacity 100 TPD each provided with GCT, ESP and connected to a common stack of height 30m from GL. Secondary emission sources like cooler discharge, intermediate bin, product separator, stock house, product house etc. are provided with separate bag filters and stacks of height 30m from G.L. each.

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 11.06.2015. During inspection both rotary kilns were operating with ESP. But high emission was observed from the stack of the rotary kilns. Very high fugitive emission was noticed from the product house and cooler discharge sections. Green belt development was found to be inadequate.

AND WHEREAS, it was observed from the file records that the industry could not comply with stack emission norms during last two occasion of stack monitoring. Details of non-compliance are as follows:

<table>
<thead>
<tr>
<th>Date of sampling</th>
<th>Sampling point</th>
<th>PM value obtained (mg/Nm$^3$)</th>
<th>Permissible limit (mg/Nm$^3$)</th>
</tr>
</thead>
<tbody>
<tr>
<td>05/12/2014</td>
<td>Cooler discharge</td>
<td>477.65</td>
<td>100</td>
</tr>
<tr>
<td>20/05/2015</td>
<td></td>
<td>198.33</td>
<td></td>
</tr>
</tbody>
</table>

AND WHEREAS, the industry also failed to comply with fugitive emission norms during sampling on 05/12/2014. TSPM value obtained at product house was 4971.14 μg/m$^3$.

AND WHEREAS, earlier the industry was directed to execute a Bank Guarantee of Rs 5,00,000/- vide order dated 09/06/2014 for non-compliance of environmental norms. The industry submitted the B.G. (validity expired on 21.08.2015).

AND WHEREAS, the Consent of the industry 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 Directors of the industry appearing in the hearing agreed with the above mentioned observations of the Board. They submitted that they had some technical problems in the APC system which caused high emission. They stated that the technical problem has been rectified and at present the APCD attached to the rotary kilns is functioning properly. They mentioned that they have installed the Opacity meter at their kilns and the work for online data transfer is under progress and it is expected to be completed soon.
NOW THEREFORE, considering the violation of environmental norms as recorded above, M/s. MB Sponge & Power Ltd. located at P.O.- Hijalgoda, P.S.- Jamuria, Dist.- Burdwan, Pin- 713 336 is hereby directed as follows:

1. **That**, the industry shall always operate with proper functioning of pollution control system attached to the Rotary Kilns so as to comply with the environmental norms for both stack emission as well as fugitive emission.

2. **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.

3. **That**, the industry shall take initiatives for extensive tree plantation in and around factory premises.

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

6. **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, Asansol Regional Office of the Board will keep strict vigil on 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 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