Memo No. 26-7/WPBD-Cont(5789)/14

Date: 20/02/2017

**DIRECTION**

**WHEREAS**, M/s. Shree Ambey Ispat Pvt. Ltd. (hereinafter referred to as the industry) located at Vill.- Basudebpur, P.O. & P.S.- Barjora, Dist.- Bankura, Pin – 722 204 is a ferro alloy manufacturing industry having 1X9 MVA Sub-merged Electric Arc Furnace (SEAF). The SEAF is provided with cyclone separator and bag filter as air pollution control devices (APCD) and connected to a stack of height 30m from G.L.

AND WHEREAS, the industry was inspected by the officials of the West Bengal Pollution Control Board (hereinafter referred to as the Board) on 07/09/2016. During inspection the SEAF was operating bypassing the APCD, dumper placer was found in the stack to discharge emission directly into atmosphere. Huge fugitive emission was noticed during inspection. Similar observation was also made during earlier inspection on 24/05/2016.

AND WHEREAS, a show cause notice was issued to the industry on 25/05/2016 and the industry replied to the show cause notice on 06/06/2016.

AND WHEREAS, during inspection on 24/05/2016 and 07/09/2016, stack monitoring was carried out for the stack of SEAF and the unit failed to meet the PM emission standard. The results are tabulated below:-

<table>
<thead>
<tr>
<th>Date of sampling</th>
<th>Parameter</th>
<th>Results obtained (mg/Nm$^3$)</th>
<th>Permissible limit (mg/Nm$^3$)</th>
</tr>
</thead>
<tbody>
<tr>
<td>24/05/2016</td>
<td>PM</td>
<td>130.37</td>
<td>50</td>
</tr>
<tr>
<td>07/09/2016</td>
<td></td>
<td>147.02</td>
<td></td>
</tr>
</tbody>
</table>

The Consent to Operate of the industry is valid upto 31/12/2017.

AND WHEREAS, the industry was called for a hearing on 17/11/2016 for such non-compliances 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 and submitted that they would take necessary steps for modification/rectification of the APC system connected to SEAF. The industry submitted a letter on 24/11/2016 stating that they would initiate some actions viz., replacement/modification of duct line, installation of suction chute at tapping point, installation of FD cooling fans at heat exchangers, modification of pullies attached with ID fans, cleaning of bags/replacement of bags of the bag filter, cleaning/maintenance of cyclone etc. They would also carry out bi-monthly overall maintenance of the APC system so as to maintain the PM emission level within specified standard. They committed that modification/rectification work of the APC system will be completed by January, 2017.

NOW THEREFORE, considering the submission of the industry, M/s. Shree Ambey Ispat Pvt. Ltd. located at Vill.- Basudebpur, P.O. & P.S.- Barjora, Dist.- Bankura, Pin – 722 204 is hereby allowed a time period upto 31.01.2017 for completion of the abovementioned modification/rectification work of the pollution abatement system in order to meet the PM emission standard.
The Environmental Engineer, Durgapur Regional Office of the Board is requested inspect the industry and conduct stack emission monitoring to assess the performance of the APCD and in case of any non-compliance, strict regulatory action shall be initiated against the industry.

This direction is issued in exercise of the powers conferred under the Water (Prevention & Control of Pollution) Act, 1974 and the Environment (Protection) Act, 1986 and Rules made thereunder, after being approved by the competent authority.

By Order,

Sd/-
Sr. Environmental Engineer & In-Charge
Operation & Execution Cell
West Bengal Pollution Control Board