WHEREAS, M/s. Bharat Hi-Tech (Cements) Pvt. Ltd. (hereinafter referred to as the industry) located at Vill. Bongabari, Barakar Road, P.O. Vivekananda Nagar, Dist. Purulia, Pin-723 147 is engaged in manufacturing of Portland Slag Cement – 16000 MT/Month.

AND WHEREAS, the industry was inspected by the official of West Bengal Pollution Control Board (hereinafter referred to as the Board) on 03.12.2015. The industry has 03 nos. ball mills of capacity 200 TPD each and 01 no. coal fired slag drier of capacity 15 MT/hr. The ball mills are provided with separate bag filter as air pollution control device (APCD) followed by stack of height 30 m from G.L. and the slag drier is connected to cyclone separator and a stack of 30m from G.L.

AND WHEREAS, during inspection stack monitoring for Ball Mills 1 & 3, slag drier and cement silo was conducted. The industry failed to meet the PM emission standard for the slag drier. Earlier also, the industry grossly failed to comply with the standard for the slag drier. Show cause notices were issued by the Board for such violation. The results are shown below:

<table>
<thead>
<tr>
<th>Date of sampling</th>
<th>Stack attached to</th>
<th>Parameter</th>
<th>Value Obtained (mg/Nm$^3$)</th>
<th>Permissible Limit (mg/Nm$^3$)</th>
</tr>
</thead>
<tbody>
<tr>
<td>03.12.2015</td>
<td>Coal fired slag drier</td>
<td>PM</td>
<td>342.63</td>
<td>150</td>
</tr>
<tr>
<td>06.08.2014</td>
<td></td>
<td></td>
<td>463.64</td>
<td></td>
</tr>
<tr>
<td>22.11.2013</td>
<td></td>
<td></td>
<td>563.02</td>
<td></td>
</tr>
</tbody>
</table>

AND WHEREAS, the ‘Consent to Operate’ of the industry is valid up to 30.06.2018. The industry has obtained Environmental Clearance dated 25/01/2016 from SEIAA, Dept. of Environment, GoWB and Consent to Establish dated 11/05/2016 from the Board for its expansion project (enhanced production capacity - 3,30,000 TPA by installation of additional 1X500 TPD Ball Mill at the existing unit premises).

AND WHEREAS, a hearing was conducted at the Head Office of the Board on 24/05/2016 for the non-compliance of environmental norms as recorded above.

AND WHEREAS, the representative of the industry appearing in the hearing agreed with the above mentioned observations of the Board. Subsequently on 02.06.2016, the industry has submitted a letter stating that the bag filter has been installed.

AND WHEREAS, the industry was again inspected by the Board official on 03.06.2016 and it was observed that the industry has installed bag filter in addition to the existing cyclone separator for the slag drier and has repaired the leakages in the duct of slag drier.
NOW THEREFORE, considering the facts, M/s. Bharat Hi-Tech (Cements) Pvt. Ltd. located at Vill. Bongabari, Barakar Road, P.O. Vivekananda Nagar, Dist. Purulia, Pin-723 147 is hereby directed as follows:

1. **That**, the industry shall always operate in compliance of environmental norms with efficient functioning of the pollution abatement systems.

2. **That**, the industry shall take necessary steps for water sprinkling arrangement within the unit premises to control fugitive emission.

3. **That**, the industry shall undertake adequate plantation along the inside periphery of the factory premises and improve house-keeping of the unit.

The Environmental Engineer, Asansol Regional Office of the Board is requested to inspect the industry within one month and conduct stack emission monitoring to assess the performance of the APCD and in case of any further non-compliance, Board may initiate strict regulatory action against the industry.

This direction is issued in exercise of the powers conferred under the provision of Section 33A of Water (Prevention & Control of Pollution) Act, 1974, 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