WHEREAS, M/s. Upadhaya Valves Manufacturers Pvt. Ltd. (hereinafter referred to as the industry) located at 245, ‘K’ Road, Belgachia, P.S.- Liluah, Dist.- Howrah, Pin - 711 108 is engaged in production of C.I. casting.

AND WHEREAS, the industry has 1 no. Cupola Furnace of 3 MT/hr. capacity. The cupola furnace is provided with wet scrubber followed by a stack of 26m from G.L.

AND WHEREAS, the industry was inspected on 23/08/2013 by the official of West Bengal Pollution Control Board (hereinafter referred to as the Board). During inspection the cupola furnace was found in operation with its air pollution control device (APCD). However, visible emission was noticed through the stack attached with cupola furnace.

AND WHEREAS, stack sampling was carried out during inspection and the analysis report shows that the industry failed to meet the PM emission standard. Earlier the industry also failed to meet the PM emission standard during stack sampling conducted on 18/04/2013. The results are tabulated below:-

<table>
<thead>
<tr>
<th>Date of sampling</th>
<th>Stack connected to</th>
<th>Results obtained (mg/Nm$^3$) for Particulate Matter (‘PM’)</th>
<th>Permissible limit (mg/Nm$^3$)</th>
</tr>
</thead>
<tbody>
<tr>
<td>18/04/2013</td>
<td>Cupola Furnace</td>
<td>312.33</td>
<td>150</td>
</tr>
<tr>
<td>23/08/2013</td>
<td>(3 MT/hr.)</td>
<td>254.03</td>
<td></td>
</tr>
</tbody>
</table>

AND WHEREAS, the ‘Consent to Operate’ of the industry expired on 31/08/2013. The industry has applied for renewal of Consent to Operate on 07/08/2013.

AND WHEREAS, the industry was called for a hearing at the head office of the Board on 09/01/2014 for the above mentioned non-compliance.

AND WHEREAS, the representatives of the industry appearing in the hearing agreed with the above mentioned observations of the Board. They submitted that they would undertake modification/upgradation work of the APCD to meet the ‘PM’ emission standard in future and prayed for four (04) months’ time to complete the said modification/upgradation work.

NOW, THEREFORE, considering the non-compliance as mentioned above, M/s. Upadhaya Valves Manufacturers Pvt. Ltd. located at 245, ‘K’ Road, Belgachia, P.S.- Liluah, Dist.- Howrah, Pin - 711 108 is hereby directed as follows:

1. **That**, the industry shall complete the modification/upgradation work of the APCD attached to the Cupola Furnace within 30$^{th}$ April, 2014.

2. **That**, the industry shall always operate with efficient functioning of the Pollution Control Device.
3. **That,** the industry shall submit a **Bank Guarantee** (proforma enclosed) of **Rs.75,000/-** (Rupees Seventy 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 direction.

The Senior Environmental Engineer and In-charge, Howrah Regional Office of the State Board is requested to conduct an inspection after April 2014 to verify the status of compliance. 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