WHEREAS, M/s. Halftone.Com (hereinafter referred to as the industry) located at Chandigori, P.O. Badu, P.S.- Barasat, Dist.- North 24 Parganas, Pin – 700 128 is engaged in gravure printing on MS cylinders. The printing on the MS cylinder blanks involves copper plating, etching with ferric chloride and chrome plating.

AND WHEREAS, inspection of the industry was carried out by the officials of the West Bengal Pollution Control Board (hereinafter referred to as the Board) on 29/05/2015. During inspection the industry was found in operation. The industry has a chrome plating bath which is connected with fume extraction system leading to a stack of height 10m from G.L. via wet scrubber. The scrubbing system was not in operation during inspection. The industry has not increased the stack height upto 15m from G.L. as per condition of the previous Consent to Operate issued by the Board.

AND WHEREAS, liquid effluent is generated from the surface cleaning, electroplating, etching activities. The industry has an effluent treatment plant (ETP) to treat the process effluent. The housekeeping near ETP area was observed to be very poor. The sludge collection tank was found in broken condition and ETP sludge was spread on the floor. During inspection effluent sample was collected and the industry failed to meet the liquid effluent discharge standard. The results are tabulated below:

<table>
<thead>
<tr>
<th>Date of sampling</th>
<th>Sampling point</th>
<th>Parameter</th>
<th>Results obtained (mg/l)</th>
<th>Permissible limit (mg/l)</th>
</tr>
</thead>
<tbody>
<tr>
<td>29/05/2015</td>
<td>Outlet of ETP</td>
<td>Fe</td>
<td>22.90</td>
<td>3.0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Total Cr</td>
<td>9.20</td>
<td>2.0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Cr&lt;sup&gt;6+&lt;/sup&gt;</td>
<td>8.43</td>
<td>0.1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Cu</td>
<td>9.78</td>
<td>3.0</td>
</tr>
</tbody>
</table>

AND WHEREAS, earlier the industry was directed by the Board on 13.10.2010 to deposit a pollution cost of Rs.1 lakh for non-compliance of environmental norms. The industry deposited the PC amount.

AND WHEREAS, the Consent to Operate of the industry is valid upto 31/12/2015.

AND WHEREAS, a hearing was conducted at the Head Office of the Board on 21/07/2015 for the above mentioned non-compliance of environmental norms.

AND WHEREAS, no responsible person appeared on behalf of the industry during the hearing. The representatives of the industry attended the hearing could not submit any proper explanation to the above mentioned non-compliance as observed during inspection by the Board officials.
NOW THEREFORE, considering the above mentioned violation of environmental norms as well as Board’s directions, M/s. Halftone.Com located at Chandigori, P.O. Badu, P.S.- Barasat, Dist.- North 24 Parganas, Pin – 700 128 is hereby directed as follows:

1. **That**, the industry shall always operate the pollution control system provided with the chrome plating bath. Stack height shall be increased upto 15m from G.L. within 30th September, 2015.

2. **That**, the industry shall immediately repair the damaged ETP sludge collection tank and take necessary steps to maintain the effluent quality within permissible standards.

3. **That**, the industry shall always operate the effluent treatment plant efficiently in order to meet the liquid effluent discharge standard in future.

4. **That**, the industry shall improve the housekeeping inside the unit’s premises.

5. **That**, the industry shall obtain Hazardous Waste Authorisation from the Board.

6. **That**, the industry shall ensure continuous compliance with all environmental norms including provisions of the Hazardous Waste (Management, Handling and Transboundary Movement) Rules, 2008 as amended.

7. **That**, the industry shall submit a Bank Guarantee (proforma enclosed) of **Rs. 1,00,000/-** (Rupees One 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 environmental norms as well as Board’s direction.

The Environmental Engineer, Barrackpore Regional Office of the Board is requested to conduct an inspection after September 2015 to verify the status of compliance of the Board’s direction. If the industry is still found continuing to violate the Board’s directions, the Board will be at liberty to take further stricter regulatory action without any further reference.

This direction is issued in exercise of the powers conferred under provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and Rules made thereunder especially provisions of the Hazardous Waste (Management, Handling and Transboundary Movement) Rules, 2008 as amended, after being approved by the Competent Authority.

By Order,

Sd/-
Chief Engineer
Operation & Execution Cell
West Bengal Pollution Control Board