
AND WHEREAS, the industry was inspected on 08.01.2014 by the officials of West Bengal Pollution Control Board (hereinafter referred to as the Board). The industry has 4 nos. reactors, 2 nos. centrifuge, 1 no. crystallizer, 1 no tray drier, 1 no. pulveriser, 2 nos. multi mill, 1 no sieving machine and 1 no. diesel fired baby boiler. The industry has an effluent treatment plant consisting of equalization tank, mixing-cum-primary sedimentation tank, aeration tank, secondary sedimentation tank, filter bed, treated effluent storage tank and sludge drying bed. Effluent from centrifuge, reactor wash and floor wash are treated through ETP. Effluent samples were collected during inspection 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) except pH</th>
<th>Permissible limit (mg/l) except pH</th>
</tr>
</thead>
<tbody>
<tr>
<td>08/01/2014</td>
<td>Outlet of ETP</td>
<td>pH</td>
<td>5.51</td>
<td>6.5-8.5</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TSS</td>
<td>424</td>
<td>100</td>
</tr>
<tr>
<td></td>
<td></td>
<td>BOD</td>
<td>1825.25</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Cyanide</td>
<td>0.149</td>
<td>0.1</td>
</tr>
</tbody>
</table>

AND WHEREAS, the last ‘Consent to Operate’ was valid up to 30.06.2013 but fees cleared up to 31.03.2015. The Hazardous Waste Authorisation of the industry expired on 30/06/2014.

AND WHEREAS, the industry was called for a hearing on 24/07/2014 at the head office of the board for non-compliance of environmental norms as observed during inspection by the Board officials.

AND WHEREAS, the Director of the industry appearing in the hearing agreed with the above mentioned observations of the Board. He submitted that they would conduct a detailed study of effluent characteristics and load vs. handling capacity of the effluent treatment system within one month and if necessary, they would upgrade/modify the existing ETP by 30th November, 2014 in order to meet the liquid effluent discharge standard in future.

NOW, THEREFORE, considering the submission made by the industry, M/s. Bihani Chemical Industries Pvt. Ltd. located at 50, Aghore Sarani, Vill. & P.O.- Rajpur, P.S.- Sonarpur, Dist.- South 24 Parganas, Pin – 700 149 is hereby directed as follows:

1. That, the industry shall conduct a detailed study of effluent characteristics and load vs. handling capacity of the existing ETP and complete necessary modification/upgradation of the ETP within 30th November, 2014 so as to meet the liquid effluent discharge standard in future.
2. **That**, the industry shall execute 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 direction in favour of the **WEST BENGAL POLLUTION CONTROL BOARD** as an assurance to comply with the above direction.

The Environmental Engineer, Salt Lake Regional Office of the State Board is requested to inspect the industry after 30th November, 2014 to verify the compliance status of the above direction and if the industry is found to be non-complying during inspection, stricter regulatory order will be issued.

This direction is issued in exercise of the powers conferred under provisions of 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/-

Chief Engineer
Operation & Execution Cell
West Bengal Pollution Control Board