**West Bengal Pollution Control Board**

*Department of Environment, Government of West Bengal*

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Memo No. 432-10/12/WPB/BR/J(V)/86  
**Date:** 16/03/2016

**DIRECTION**

**WHEREAS,** M/s. Exide Industries Ltd. (hereinafter referred to as the industry) located at 91, New Chord Road, P.O.- Athpur, Shyamnagar, P.S.- Jagatdal, Dist.- North 24 Parganas, Pin-743 128 is a lead acid battery (industrial and automotive) manufacturing industry of production capacity 1,50,000 pcs./month.

**AND WHEREAS,** acidic effluent and lead bearing effluent are generated from industrial and automotive forming section. Acidic effluent is neutralized with soda ash followed by coagulation and flocculation through chemical treatment and the effluent is then clarified and sent to sand filter and finally discharged to municipal drain. Lead bearing effluent is sent to a flash mixer unit wherein the effluent is chemically treated with caustic soda and barium carbonate followed by coagulation and flocculation and settling. The effluent is then sent to pressure filter and discharged to municipal drain. Canteen effluent is separately treated and discharged to municipal drain.

**AND WHEREAS,** the industry is monitored by the officials of West Bengal Pollution Control Board (hereinafter referred to as the Board) on monthly basis. During inspections on 15/12/2015 and 13/01/2016, effluent was observed to be discharged through two other outlets apart from the ETP outlet. Effluent samples were collected from these outlets. The non-compliances are shown below:-

<table>
<thead>
<tr>
<th>Date of sampling</th>
<th>Sampling point</th>
<th>Parameter</th>
<th>Results obtained</th>
<th>Permissible limit</th>
</tr>
</thead>
<tbody>
<tr>
<td>15/12/2015</td>
<td>Factory outlet near backside of Guest house</td>
<td>TSS</td>
<td>116.0 mg/l</td>
<td>100 mg/l</td>
</tr>
<tr>
<td></td>
<td>Factory outlet near boiler house (South side)</td>
<td>Lead</td>
<td>0.14 mg/l</td>
<td>0.1 mg/l</td>
</tr>
<tr>
<td>13/01/2016</td>
<td>After ETP</td>
<td>TSS</td>
<td>70.0 mg/l</td>
<td>50 mg/l</td>
</tr>
<tr>
<td></td>
<td>South West corner of Ind. Positive Generation</td>
<td>Lead</td>
<td>0.84 mg/l</td>
<td>0.1 mg/l</td>
</tr>
<tr>
<td></td>
<td>South East corner of Ind. Positive Generation</td>
<td>Lead</td>
<td>0.50 mg/l</td>
<td>0.1 mg/l</td>
</tr>
</tbody>
</table>

**AND WHEREAS,** the Consent to Operate of the industry is valid upto 31/12/2018. The Hazardous waste authorization of the industry was valid upto 28/02/2016.

**AND WHEREAS,** a hearing was conducted at the Head Office of the Board on 26/02/2016 for the non-compliance of environmental norms as mentioned above.

**AND WHEREAS,** the representatives of the industry appearing in the hearing agreed with the above mentioned observations of the Board. They submitted that the above mentioned outlets are for storm water and domestic wash water only, but contamination occurred due to internal seepage of process water. They mentioned that they have already taken corrective action including stoppage of domestic wash water flow through these outlets, FRP lining to prevent waste water seepage. Total domestic wash water is now sent to ETP.
NOW THEREFORE, considering the facts, M/s. Exide Industries Ltd. located at 91, New Chord Road, P.O.- Athpur, Shyamnagar, P.S.- Jagatdal, Dist.- North 24 Parganas, Pin-743 128 is hereby directed as follows:

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

2. **That**, the industry shall take necessary preventive measures to avoid recurrence of such contamination of storm water drains with process effluent.

3. **That**, the industry shall submit a Bank Guarantee (proforma enclosed) of **Rs. 10,00,000/- (Rupees Ten 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 above direction.

The Environmental Engineer, Barrackpore Regional Office of the Board is requested to keep a strict vigil on the industry. If the industry is again found to be non-complying, the Board may take stricter 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, Section 31A of Air (Prevention & Control of Pollution) Act 1981 and the Environment (Protection) Act, 1986.

This order has the approval of the Competent Authority.

By Order,

Sd/-

Chief Engineer

Operation & Execution Cell

West Bengal Pollution Control Board