WHEREAS, M/s. A.S.G. Biochem Pvt. Ltd. (hereinafter referred to as the industry) located at P.O.-
Ganganagar, P.S.- Airport, Dist.- North 24 Parganas, Pin–700 132 is engaged in manufacturing of
bulk drugs.

AND WHEREAS, the industry was inspected by the officials of the West Bengal Pollution Control
Board (hereinafter referred to as the Board) on 29/09/2016. Main emission sources are 2 nos. F.O.
fired boilers of capacities 2.0 T/hr. & 0.8 T/hr. (one kept as stand by). The boilers are provided with
venturi scrubber (common for both boilers) as air pollution control device (APCD) and connected to a
common stack of height 15m. from G.L. The industry has installed an ETP (physico-chemical and
biological treatment facility).

AND WHEREAS, during inspection the 0.8 T/hr. capacity boiler was operating. Stack sampling was
carried out and the industry failed to meet the PM emission standard. Earlier the industry had also
failed to meet the PM emission standard during stack sampling on 09/09/2015 for the 2.0 ton/hr boiler.
The results are tabulated below:-

<table>
<thead>
<tr>
<th>Date of sampling</th>
<th>Sampling point</th>
<th>Parameter</th>
<th>Results obtained (mg/Nm(^3))</th>
<th>Permissible Limits (mg/Nm(^3))</th>
</tr>
</thead>
<tbody>
<tr>
<td>29/09/2016</td>
<td>Stack attached to 0.8 T/hr. capacity boiler</td>
<td>PM</td>
<td>191.0</td>
<td>150.0</td>
</tr>
<tr>
<td>09/09/2015</td>
<td>Stack attached to 2.0 T/hr. capacity boiler</td>
<td></td>
<td>1752.2</td>
<td></td>
</tr>
</tbody>
</table>

AND WHEREAS, ETP of the industry was found in operation during inspection. Effluent sampling of
the industry is carried out as per specified schedule. Analysis reports of the samples collected on
14/03/2016, 04/07/2016 and 27/09/2016 reveal that the industry failed to meet the liquid effluent
discharge standard. The results are shown below:-

<table>
<thead>
<tr>
<th>Date of sampling</th>
<th>Sampling point</th>
<th>Parameter</th>
<th>Results obtained (mg/l)</th>
<th>Permissible Limits (mg/l)</th>
</tr>
</thead>
<tbody>
<tr>
<td>27/09/2016</td>
<td>Outlet of ETP to canal</td>
<td>Cyanide</td>
<td>0.397</td>
<td>0.1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Sulfide</td>
<td>14.3</td>
<td>2.0</td>
</tr>
<tr>
<td>04/07/2016</td>
<td></td>
<td>Cyanide</td>
<td>0.206</td>
<td>0.1</td>
</tr>
<tr>
<td>14/03/2016</td>
<td></td>
<td>Cyanide</td>
<td>0.246</td>
<td>0.1</td>
</tr>
</tbody>
</table>

AND WHEREAS, show cause notices were issued to the industry for the above mentioned failure.

AND WHEREAS, the Consent to Operate and Hazardous Waste Authorisation of the industry are
valid up to 31/01/2019 and 31/10/2021 respectively.
AND WHEREAS, the industry was called for a hearing on 11.01.2017 for such non-compliances of environmental norms as observed during inspection by the Board officials.

AND WHEREAS, the representatives of the industry appeared in the hearing, submitted that they had conducted detailed study of effluent characteristics to identify possible sources of cyanide contamination, but could not identify any source. They have also submitted that they would start weekly monitoring of cyanide in the effluent streams generated from different sections for possible sources of contamination, if any. They have stated that they carry out periodical cleaning of boiler duct and water tank of venturi scrubber and are also planning to operate the 0.8 T/hr capacity boiler with LDO very soon on trial basis and if trial run is found to be successful, necessary modification work will be carried out to implement the project of fuel change. In any case, the industry has to achieve the standard of PM either by modification in fuel or by putting appropriate pollution control system.

NOW THEREFORE, considering the submission of the industry, M/s. A.S.G. Biochem Pvt. Ltd. located at P.O.- Ganganagar, P.S.- Airport, Dist.- North 24 Parganas, Pin – 700 132 is hereby directed as follows:

1. **That**, the industry shall take necessary action on urgent basis to maintain the effluent quality within prescribed standards

2. **That**, the industry shall always operate with efficient functioning of the pollution control systems and maintaining the environmental norms.

3. **That**, the industry shall obtain prior Consent to Establish (NOC) for change of fuel (FO to LDO) of the boiler and till such change of fuel, the industry shall take necessary preventive measures to keep the PM level within permissible limit.

4. **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 (Corporation Bank IFSC Code CORP 000663) as an assurance to comply with the above directions.

The Environmental Engineer, In-charge, Salt Lake Regional Office, WBPCB is requested to keep vigil over 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 Water (Prevention & Control of Pollution) Act, 1974, 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/-

Sr. Environmental Engineer & In-Charge
Operation & Execution Cell
West Bengal Pollution Control Board