The Environment (Protection) Rules, 1986

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Industry</th>
<th>Parameter</th>
<th>Standards</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td>Phenol</td>
<td>1.0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Cyanide</td>
<td>0.2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>BOD $^1$[(3 days at 27°C)]</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td></td>
<td>COD</td>
<td>250</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Ammonical Nitrogen</td>
<td>50</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Oil and Grease</td>
<td>10</td>
</tr>
</tbody>
</table>

(b) Other plants such as sintering plant, blast furnace, steel melting and rolling mill:

- pH: 6.0 – 9.0
- Suspended Solids: 100
- Oil and Grease: 10

31. **RE-HEATING (REVERBERATORY) FURNACES:**

**EMISSIONS** Concentration in mg/m$^3$ (normal)

- Capacity: All sizes
  - Sensitive area: Particulate matter 150
  - Other area: Particulate matter 450

32. **FOUNDRIES**

**EMISSIONS**

(a) Cupola Capacity (Melting Rate):

- Less than 3 mt./hr: Particulate Matter 450
- 3 mt/hr. and above: Particulate Matter 150

**Note:** It is essential that stack is constructed over the cupola beyond the charging door and emissions are directed through the stack which should be at least six times the diameter of cupola.

(b) Arc Furnaces:

- Capacity: All sizes: Particulate Matter 150

---

$^1$ Substituted by Rule 2 of the Environment (Protection) Amendment Rules, 1996 notified by G.S.R.176(E), dated 2.4.1996 may be read as BOD (3 days at 27°C) wherever BOD 5 days 20°C occurred.

$^2$ S.No. 32 to 47 and entries relating thereon inserted vide GSR 742(E) dt. 30.8.90 published in the Gazette No. 365 dated 30.8.90.