Environmental Protection Agency

§ 461.63 New source performance standards (NSPS).

(a) The discharge of wastewater pollutants from any new source subject to this subpart shall not exceed the standards set forth below:

(1) Subpart F—Silver Chloride Cathodes—Chemically Reduced—NSPS.

<table>
<thead>
<tr>
<th>Pollutant or pollutant property</th>
<th>Maximum for any 1 day</th>
<th>Maximum for monthly average</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chromium</td>
<td>2.79</td>
<td>1.13</td>
</tr>
<tr>
<td>Lead</td>
<td>2.11</td>
<td>0.98</td>
</tr>
</tbody>
</table>

(2) Subpart E—Iron Disulfide Cathodes—PSNS.

<table>
<thead>
<tr>
<th>Pollutant or pollutant property</th>
<th>Maximum for any 1 day</th>
<th>Maximum for monthly average</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chromium</td>
<td>0.039</td>
<td>0.016</td>
</tr>
<tr>
<td>Lead</td>
<td>0.030</td>
<td>0.014</td>
</tr>
<tr>
<td>TSS</td>
<td>1.62</td>
<td>1.30</td>
</tr>
<tr>
<td>pH</td>
<td>(1)</td>
<td>(1)</td>
</tr>
</tbody>
</table>

1 Within the range of 7.5–10.0 at all times.

(b) There shall be no discharge allowance for process wastewater pollutants from any battery manufacturing operation other than those battery manufacturing operations listed above.

Subpart F—Magnesium Subcategory

§ 461.60 Applicability; description of the magnesium subcategory.

This subpart applies to discharges to waters of the United States and introduction of pollutants into publicly owned treatment works from the manufacturing of magnesium anode batteries.

§§ 461.61–461.62 [Reserved]

§ 461.63 New source performance standards (NSPS).

(a) The discharge of wastewater pollutants from any new source subject to this subpart shall not exceed the standards set forth below:

(1) Subpart F—Silver Chloride Cathodes—Chemically Reduced—NSPS.
§ 461.64 Pretreatment standards for existing sources (PSES).

(a) Except as provided in 40 CFR 403.7 and 403.13, any existing source subject to this subpart that introduces pollutants into a publicly owned treatment works must comply with 40 CFR part 403 and achieve the following pretreatment standards for existing sources listed below:

(1) Subpart F—Silver Chloride Cathodes—Chemically Reduced—PSES.

<table>
<thead>
<tr>
<th>Pollutant or pollutant property</th>
<th>Maximum for any 1 day</th>
<th>Maximum for monthly average</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metric units—mg/kg of silver processed</td>
<td>English units—pounds per 1,000,000 pounds of silver processed</td>
<td></td>
</tr>
<tr>
<td>Lead</td>
<td>22.93</td>
<td>10.65</td>
</tr>
<tr>
<td>Silver</td>
<td>23.75</td>
<td>9.83</td>
</tr>
<tr>
<td>Iron</td>
<td>98.28</td>
<td>49.96</td>
</tr>
<tr>
<td>TSS</td>
<td>1,228.5</td>
<td>982.8</td>
</tr>
<tr>
<td>COD</td>
<td>4,095.0</td>
<td>1,999.0</td>
</tr>
<tr>
<td>pH</td>
<td>(1)</td>
<td>(1)</td>
</tr>
</tbody>
</table>

(2) Subpart F—Silver Chloride Cathodes—Electrolytic—NSPS.

<table>
<thead>
<tr>
<th>Pollutant or pollutant property</th>
<th>Maximum for any 1 day</th>
<th>Maximum for monthly average</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metric units—mg/kg of silver processed</td>
<td>English units—pounds per 1,000,000 pounds of silver processed</td>
<td></td>
</tr>
<tr>
<td>Lead</td>
<td>40.6</td>
<td>18.9</td>
</tr>
<tr>
<td>Silver</td>
<td>42.1</td>
<td>17.4</td>
</tr>
<tr>
<td>Iron</td>
<td>174.0</td>
<td>88.5</td>
</tr>
<tr>
<td>TSS</td>
<td>2,175.0</td>
<td>1,740.0</td>
</tr>
<tr>
<td>COD</td>
<td>7,250.0</td>
<td>3,540.0</td>
</tr>
<tr>
<td>pH</td>
<td>(1)</td>
<td>(1)</td>
</tr>
</tbody>
</table>

(3) Subpart F—Cell Testing—NSPS.

<table>
<thead>
<tr>
<th>Pollutant or pollutant property</th>
<th>Maximum for any 1 day</th>
<th>Maximum for monthly average</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metric units—mg/kg of cells produced</td>
<td>English units—pounds per 1,000,000 pounds of cells produced</td>
<td></td>
</tr>
<tr>
<td>Lead</td>
<td>19.5</td>
<td>7.89</td>
</tr>
<tr>
<td>Silver</td>
<td>15.3</td>
<td>6.31</td>
</tr>
<tr>
<td>Iron</td>
<td>63.1</td>
<td>32.1</td>
</tr>
<tr>
<td>TSS</td>
<td>789.0</td>
<td>631.2</td>
</tr>
<tr>
<td>COD</td>
<td>2,630.0</td>
<td>1,290.0</td>
</tr>
<tr>
<td>pH</td>
<td>(1)</td>
<td>(1)</td>
</tr>
</tbody>
</table>

(b) There shall be no discharge allowance for process wastewater pollutants from any battery manufacturing operation other than those battery manufacturing operations listed above.

[49 FR 9134, Mar. 9, 1984; 49 FR 13879, Apr. 9, 1984]

§ 461.64 Pretreatment standards for existing sources (PSES).

(b) There shall be no discharge allowance for process wastewater pollutants from any battery manufacturing operation other than those battery manufacturing operations listed above.

(1) Subpart F—Silver Chloride Cathodes—Chemically Reduced—PSES.

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<tr>
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</thead>
<tbody>
<tr>
<td>Metric units—mg/kg of silver processed</td>
<td>English units—pounds per 1,000,000 pounds of silver processed</td>
<td></td>
</tr>
<tr>
<td>Lead</td>
<td>0.026</td>
<td>0.012</td>
</tr>
<tr>
<td>Silver</td>
<td>0.027</td>
<td>0.011</td>
</tr>
<tr>
<td>Iron</td>
<td>0.112</td>
<td>0.057</td>
</tr>
<tr>
<td>COD</td>
<td>4.70</td>
<td>2.30</td>
</tr>
<tr>
<td>TSS</td>
<td>1.41</td>
<td>1.13</td>
</tr>
<tr>
<td>pH</td>
<td>(1)</td>
<td>(1)</td>
</tr>
</tbody>
</table>

(2) Subpart F—Air Scrubber—NSPS.

<table>
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<tr>
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<tbody>
<tr>
<td>Metric units—mg/kg of cells produced</td>
<td>English units—pounds per 1,000,000 pounds of cells produced</td>
<td></td>
</tr>
<tr>
<td>TSS</td>
<td>8,467.0</td>
<td>4,030.0</td>
</tr>
<tr>
<td>pH</td>
<td>(1)</td>
<td>(1)</td>
</tr>
</tbody>
</table>

(3) Subpart F—Floor and Equipment Wash—NSPS.

<table>
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<td></td>
</tr>
<tr>
<td>Lead</td>
<td>1,032.36</td>
<td>491.60</td>
</tr>
<tr>
<td>Silver</td>
<td>1,007.78</td>
<td>417.86</td>
</tr>
</tbody>
</table>

(4) Subpart F—Air Scrubber—NSPS.

(1) Subpart F—Silver Chloride Cathodes—Chemically Reduced—PSES.

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<td>0.012</td>
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<tr>
<td>Silver</td>
<td>0.027</td>
<td>0.011</td>
</tr>
<tr>
<td>Iron</td>
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<td>0.057</td>
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<tr>
<td>COD</td>
<td>4.70</td>
<td>2.30</td>
</tr>
<tr>
<td>TSS</td>
<td>1.41</td>
<td>1.13</td>
</tr>
<tr>
<td>pH</td>
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<tr>
<td>Lead</td>
<td>8,467.0</td>
<td>4,030.0</td>
</tr>
<tr>
<td>Silver</td>
<td>1,032.36</td>
<td>491.60</td>
</tr>
<tr>
<td>Iron</td>
<td>1,007.78</td>
<td>417.86</td>
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