Pt. 98, Subpt. K, Table K–1

TABLE K–1 TO SUBPART K OF PART 98—ELECTRIC ARC FURNACE (EAF) CH₄ EMISSION FACTORS

<table>
<thead>
<tr>
<th>Alloy product produced in EAF</th>
<th>CH₄ emission factor (kg CH₄ per metric ton product)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Batch-charging</td>
</tr>
<tr>
<td>Silicon metal</td>
<td>1.5</td>
</tr>
<tr>
<td>Ferrosilicon 90%</td>
<td>1.4</td>
</tr>
<tr>
<td>Ferrosilicon 75%</td>
<td>1.3</td>
</tr>
<tr>
<td>Ferrosilicon 65%</td>
<td>1.3</td>
</tr>
</tbody>
</table>

a Sprinkle-charging is charging intermittently every minute.
b Temperature measured in off-gas channel downstream of the furnace hood.

Subpart L—Fluorinated Gas Production

SOURCE: 75 FR 74831, Dec. 1, 2010, unless otherwise noted.

§ 98.120 Definition of the source category.

(a) The fluorinated gas production source category consists of processes that produce a fluorinated gas from any raw material or feedstock chemical, except for processes that generate HFC–23 during the production of HCFC–22.

(b) To produce a fluorinated gas means to manufacture a fluorinated gas from any raw material or feedstock chemical. Producing a fluorinated gas includes producing a fluorinated GHG as defined at §98.410(b). Producing a fluorinated gas also includes the manufacture of a chlorofluorocarbon (CFC) or hydrochlorofluorocarbon (HCFC) from any raw material or feedstock chemical, including manufacture of a CFC or HCFC as an isolated intermediate for use in a process that will result in the transformation of the CFC or HCFC either at or outside of the production facility. Producing a fluorinated gas does not include the reuse or recycling of a fluorinated gas, the creation of HCFC–23 during the production of HCFC–22, the creation of intermediates that are created and transformed in a single process with no storage of the intermediates, or the creation of fluorinated GHGs that are released or destroyed at the production facility before the production measurement in §98.414(a).

§ 98.121 Reporting threshold.

You must report GHG emissions under this subpart if your facility contains a fluorinated gas production process that generates or emits fluorinated GHG and the facility meets the requirements of either §98.2(a)(1) or (a)(2). To calculate GHG emissions for comparison to the 25,000 metric ton CO₂e per year emission threshold in §98.2(a)(2), calculate process emissions from fluorinated gas production using uncontrolled GHG emissions.

§ 98.122 GHGs to report.

(a) You must report CO₂, CH₄, and N₂O combustion emissions from each stationary combustion unit. You must calculate and report these emissions under subpart C of this part (General Stationary Fuel Combustion Sources) by following the requirements of subpart C.

(b) You must report under subpart O of this part (HCFC–22 Production and HFC–23 Destruction) the emissions of HFC–23 from HCFC–22 production processes and HFC–23 destruction processes. Do not report the generation and emissions of HFC–23 from HCFC–22 production under this subpart.

(c) You must report the total mass of each fluorinated GHG emitted from:
(1) Each fluorinated gas production process and all fluorinated gas production processes combined.
(2) Each fluorinated gas transformation process that is not part of a fluorinated gas production process and all such fluorinated gas transformation processes combined, except report separately fluorinated GHG emissions.