§ 98.95 Procedures for estimating missing data.

(a) Except as provided in paragraph (b) of this section, a complete record of all measured parameters used in the fluorinated GHG and N₂O emissions calculations in §98.93 and §98.94 is required.

(b) If you use fluorinated heat transfer fluids at your facility and are missing data for one or more of the parameters in Equation I–16 of this subpart, you must estimate fluorinated heat transfer fluid emissions using the arithmetic average of the emission rates for the reporting year immediately preceding the period of missing data and the months immediately following the period of missing data. Alternatively, you may estimate missing
§ 98.96 Data reporting requirements.

In addition to the information required by §98.3(c), you must include in each annual report the following information for each electronics manufacturing facility:

(a) Annual manufacturing capacity of your facility as determined in Equation I–5 of this subpart.

(b) For facilities that manufacture semiconductors, the diameter of wafers manufactured at your facility (mm).

(c) Annual emissions of:

(1) Each fluorinated GHG emitted from each process type for which your facility is required to calculate emissions as calculated in Equations I–6 and I–7 of this subpart.

(2) Each fluorinated GHG emitted from each individual recipe (including those in a set of similar recipes), or process sub-type as calculated in Equations I–8 and I–9 of this subpart, as applicable.

(3) \( \text{N}_2\text{O} \) emitted from each chemical vapor deposition process and from other \( \text{N}_2\text{O} \)-using manufacturing processes as calculated in Equation I–10 of this subpart.

(4) Each fluorinated heat transfer fluid emitted as calculated in Equation 1–16 of this subpart.

(d) The method of emissions calculation used in §98.93.

(e) Annual production in terms of substrate surface area (e.g., silicon, PV-cell, glass).

(f) When you use factors for fluorinated GHG process utilization and by-product formation rates other than the defaults provided in Tables I–3, I–4, I–5, I–6, and I–7 to this subpart and/or \( \text{N}_2\text{O} \) utilization factors other than the defaults provided in Table I–8 to this subpart, you must report the following, as applicable:

(1) The recipe-specific utilization and by-product formation rates, the film or substrate that was etched/cleaned and the feature type that was etched, as applicable.

(2) For recipe-specific utilization and by-product formation rates, the film or substrate that was etched/cleaned and the feature type that was etched, as applicable.

(3) Certification that the recipes included in a set of similar recipes are similar, as defined in §98.98.

(4) Certification that the measurements for all reported recipe-specific utilization and by-product formation rates and/or facility-specific \( \text{N}_2\text{O} \) utilization factors were made using the International SEMATECH #06121625A–ENG (incorporated by reference, see §98.7), or the International SEMATECH #01104197A–XFR (incorporated by reference, see §98.7) if measurements were made prior to January 1, 2007.

(5) Source of the recipe-specific utilization and by-product formation rates and/or facility-specific \( \text{N}_2\text{O} \) utilization factors.

(6) Certification that the conditions under which the measurements were made for facility-specific \( \text{N}_2\text{O} \) utilization factors are representative of your facility's \( \text{N}_2\text{O} \) emitting production processes.

(g) Annual gas consumption for each fluorinated GHG and \( \text{N}_2\text{O} \) as calculated in Equation I–11 of this subpart, including where your facility used less than 50 kg of a particular fluorinated GHG or \( \text{N}_2\text{O} \) during the reporting year. For all fluorinated GHGs and \( \text{N}_2\text{O} \) used at your facility for which you have not calculated emissions using Equations I–6, I–7, I–8, I–9, and I–10 of this subpart, the chemical name of the GHG used, the annual consumption of the gas, and a brief description of its use.

(h) All inputs used to calculate gas consumption in Equation I–11 of this subpart, for each fluorinated GHG and \( \text{N}_2\text{O} \) used.

(i) Disbursements for each fluorinated GHG and \( \text{N}_2\text{O} \) during the reporting year, as calculated using Equation I–12 of this subpart.

(j) All inputs used to calculate disbursements for each fluorinated GHG and \( \text{N}_2\text{O} \) in Equation I–12 of this subpart, including all facility-wide gas-specific heel factors used for each fluorinated GHG and \( \text{N}_2\text{O} \). If your facility used less than 50 kg of a particular fluorinated GHG during the reporting year, you must report the method used to calculate disbursements for each fluorinated GHG and \( \text{N}_2\text{O} \) in Equation I–12 of this subpart.