

**§ 98.455 Procedures for estimating missing data.**

A complete record of all measured parameters used in the GHG emissions calculations is required. Replace missing data, if needed, based on data from similar manufacturing operations, and from similar equipment testing and decommissioning activities for which data are available.

**§ 98.456 Data reporting requirements.**

In addition to the information required by § 98.3(c), each annual report must contain the following information for each chemical at the facility level:

- (a) Pounds of SF<sub>6</sub> and PFCs stored in containers at the beginning of the year.
- (b) Pounds of SF<sub>6</sub> and PFCs stored in containers at the end of the year.
- (c) Pounds of SF<sub>6</sub> and PFCs purchased in bulk.
- (d) Pounds of SF<sub>6</sub> and PFCs returned by equipment users with or inside equipment.
- (e) Pounds of SF<sub>6</sub> and PFCs returned to site from off site after recycling.
- (f) Pounds of SF<sub>6</sub> and PFCs inside new equipment delivered to customers.
- (g) Pounds of SF<sub>6</sub> and PFCs delivered to equipment users in containers.
- (h) Pounds of SF<sub>6</sub> and PFCs returned to suppliers.
- (i) Pounds of SF<sub>6</sub> and PFCs sent off site for destruction.
- (j) Pounds of SF<sub>6</sub> and PFCs sent off site to be recycled.
- (k) The nameplate capacity of the equipment, in pounds, delivered to customers with SF<sub>6</sub> or PFCs inside, if different from the quantity in paragraph (f) of this section.
- (l) A description of the engineering methods and calculations used to determine emissions from hoses or other flow lines that connect the container to the equipment that is being filled.
- (m) The values for EF<sub>C</sub> for each hose and valve combination and the associated valve fitting sizes and hose diameters.
- (n) The total number of fill operations for each hose and valve combination, or, F<sub>C1</sub> of Equation SS-5 of this subpart.
- (o) The mean value for each make, model, and group of conditions if the

mass of SF<sub>6</sub> or the PFC disbursed to customers in new equipment over the period p is determined by assuming that it is equal to the equipment's nameplate capacity or, in cases where equipment is shipped with a partial charge, equal to its partial shipping charge.

(p) The number of samples and the upper and lower bounds on the 95 percent confidence interval for each make, model, and group of conditions if the mass of SF<sub>6</sub> or the PFC disbursed to customers in new equipment over the period p is determined by assuming that it is equal to the equipment's nameplate capacity or, in cases where equipment is shipped with a partial charge, equal to its partial shipping charge.

(q) Pounds of SF<sub>6</sub> and PFCs used to fill equipment at off-site electric power transmission or distribution locations, or M<sub>F</sub>, of Equation SS-6 of this subpart.

(r) Pounds of SF<sub>6</sub> and PFCs used to charge the equipment prior to leaving the electrical equipment manufacturer or refurbishment facility, or M<sub>C</sub>, of Equation SS-6 of this subpart.

(s) The nameplate capacity of the equipment, in pounds, installed at off-site electric power transmission or distribution locations used to determine emissions from installation, or N<sub>I</sub>, of Equation SS-6 of this subpart.

(t) For any missing data, you must report the reason the data were missing, the parameters for which the data were missing, the substitute parameters used to estimate emissions in their absence, and the quantity of emissions thereby estimated.

**§ 98.457 Records that must be retained.**

In addition to the information required by § 98.3(g), you must retain the following records:

- (a) All information reported and listed in § 98.456.
- (b) Accuracy certifications and calibration records for all scales and monitoring equipment, including the method or manufacturer's specification used for calibration.
- (c) Certifications of the quantity of gas, in pounds, charged into equipment at the electrical equipment manufacturer or refurbishment facility as well