

Electrical Equipment Manufacture or Refurbishment

Final Rule: Subpart SS, Mandatory Reporting of Greenhouse Gases

What Must Be Monitored for Each Manufacturer or Refurbisher of Electric Power Transmission and Distribution Equipment Insulated with Sulfur Hexafluoride (SF_6) and/or Perfluorocarbons (PFCs)?

Measure or estimate these parameters annually (unless otherwise noted)

	SF ₆ and PFC bulk purchases (pounds)		SF ₆ and PFCs stored in containers at the beginning and end of the year (pounds)
	SF ₆ and PFCs sent off-site for destruction (pounds)		SF ₆ and PFCs inside new equipment delivered to customers (pounds)
	SF ₆ and PFCs sent off-site to be recycled (pounds)		SF ₆ and PFCs in containers delivered to customers (pounds)
	SF ₆ and PFCs returned from off-site after recycling (pounds)		SF ₆ and PFCs returned to suppliers (pounds)
	SF ₆ and PFCs returned by equipment users with or inside equipment (pounds)		The nameplate capacity of the equipment delivered to customers with SF ₆ or PFCs inside, if different from the quantity of SF ₆ and PFCs inside equipment delivered to customers (pounds)
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	determine losses during disbursement of SF ₆ o inder being filled:	r PF	4 /
	determine losses during disbursement of SF ₆ o inder being filled: The mass of contents of the containers used to fill equipment or cylinders at the beginning and ending of each filling		The emission factor values for each hose and valve combination and the associated valve fitting sizes and hose diameter
cyl	inder being filled: The mass of contents of the containers used to fill equipment or cylinders at the beginning and		The emission factor values for each hose and valve combination and the associated

If using the assumption that the mass SF_6 or the PFC disbursed to customers in new equipment is equal to the equipment's nameplate capacity (or partial shipping charge):					
	The mean nameplate capacity for each make, model, and group of conditions (every five years) (pounds)		The total number of samples taken for each make, model, and group of conditions (every five years)		
	The upper and lower bounds on the 95 percent confidence interval for each make, model, and group of conditions (every five years) (pounds)				
	SF ₆ and PFCs used to fill equipment at off-site electric power transmission or distribution facilities (pounds)		The nameplate capacity of the equipment installed at off-site electric power transmission or distribution facilities (pounds)		
	SF ₆ and PFCs used to charge the equipment prior to leaving the electrical equipment manufacturer facility (pounds)				

See also the information sheet for Electrical Equipment Manufacture or Refurbishment available at: j wr $\leq l$ y y $\leq l$ \leq