

# Suppliers of Industrial Greenhouse Gases (GHGs) Monitoring Checklist



## Final Rule: Mandatory Reporting of Greenhouse Gases

*What Must Be Monitored for Each Supplier of Fluorinated GHGs or nitrous oxide (N<sub>2</sub>O)?*

### **For facilities producing fluorinated GHGs or N<sub>2</sub>O, measure, estimate, or calculate these parameters...**

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| <input type="checkbox"/> Annual mass of each fluorinated GHG or N <sub>2</sub> O produced by process (metric tons), except amounts captured solely to be sent off site for destruction.                          | <input type="checkbox"/> Annual mass of each fluorinated GHG that is fed into the destruction device and that was previously produced (metric tons)                                |
| <input type="checkbox"/> Annual mass of each fluorinated GHG or N <sub>2</sub> O that is measured coming out of the production process (metric tons)   | <input type="checkbox"/> Annual mass of each reactant fed into the fluorinated GHG or nitrous oxide production process, by process (metric tons)                                   |
| <input type="checkbox"/> If the mass coming out of the production process includes more than one fluorinated GHG, the concentrations of each of the fluorinated GHGs (other than low-concentration constituents) | <input type="checkbox"/> Annual mass of reactants, byproducts, and other wastes permanently removed from each fluorinated GHG or N <sub>2</sub> O production process (metric tons) |
| <input type="checkbox"/> Annual mass of each used fluorinated GHG or N <sub>2</sub> O that is added to the production process upstream of the output measurement (metric tons)                                   | <input type="checkbox"/> Annual mass of each fluorinated GHG or N <sub>2</sub> O sent to another facility for transformation (metric tons)   |
| <input type="checkbox"/> Annual mass of each fluorinated GHG or N <sub>2</sub> O transformed by process (metric tons)  | <input type="checkbox"/> Annual mass of each fluorinated GHG sent to another facility for destruction (metric tons)  |
| <input type="checkbox"/> Annual mass of each fluorinated GHG or N <sub>2</sub> O fed into the transformation process (metric tons)   | <input type="checkbox"/> If the mass sent to another facility for destruction includes materials other than the fluorinated GHG, the concentration of the fluorinated GHG          |
| <input type="checkbox"/> Fraction of each fluorinated GHG or N <sub>2</sub> O fed into the transformation process that is transformed in the process   | <input type="checkbox"/> Share of mass sent to another facility for destruction that is comprised of fluorinated GHGs removed from the production process as byproducts/waste      |
| <input type="checkbox"/> Annual mass of each fluorinated GHG that is destroyed on site and that was previously produced (metric tons)  | <input type="checkbox"/> Estimated percent efficiency of each production process for the fluorinated GHG produced  |

### **For importers of fluorinated GHGs or N<sub>2</sub>O, monitor these parameters...**

- Annual mass of each fluorinated GHG or N<sub>2</sub>O imported in bulk (metric tons)
- Port of entry through which the fluorinated GHGs or N<sub>2</sub>O passed
- Annual mass of each fluorinated GHG or N<sub>2</sub>O imported in bulk and sold or transferred to persons other than the importer for use in processes resulting in the transformation or destruction of the chemical (metric tons)
- Country from which the imported fluorinated GHGs or N<sub>2</sub>O were imported
- Date on which the fluorinated GHGs or N<sub>2</sub>O were imported
- Annual mass of each fluorinated GHG destroyed by importer (metric tons)

### **For exporters of fluorinated GHGs or N<sub>2</sub>O, monitor these parameters...**

- Annual mass of each fluorinated GHG or N<sub>2</sub>O exported in bulk (metric tons)
- Country to which the exported fluorinated GHGs or N<sub>2</sub>O were exported
- Date on which the fluorinated GHGs or N<sub>2</sub>O were exported
- Port of exit through which the fluorinated GHGs or N<sub>2</sub>O passed

*See also the information sheet for Suppliers of Industrial Greenhouse Gases (GHGs) (EPA-430-F-09-015R) at:*

[www.epa.gov/climatechange/emissions/downloads/infosheets/suppliersindustrialghgs.pdf](http://www.epa.gov/climatechange/emissions/downloads/infosheets/suppliersindustrialghgs.pdf).