§ 98.427 (8) Fire fighting.
(9) Transportation and storage of explosives.
(10) Injection of carbon dioxide for enhanced oil and natural gas recovery that is covered by subpart UU of this part.
(11) Geologic sequestration of carbon dioxide that is covered by subpart RR of this part.
(12) Research and development.
(13) Other.
(g) Each production process unit that captures a CO$_2$ stream for purposes of supplying CO$_2$ for commercial applications or in order to sequester or otherwise inject it underground when custody of the CO$_2$ is maintained shall report the percentage of that stream, if any, that is biomass-based during the reporting year.

§ 98.427 Records that must be retained.
In addition to the records required by §98.3(g) of subpart A of this part, you must retain the records specified in paragraphs (a) through (c) of this section, as applicable.
(a) The owner or operator of a facility containing production process units must retain quarterly records of captured or transferred CO$_2$ streams and composition.
(b) The owner or operator of a CO$_2$ production well facility must maintain quarterly records of the mass flow or volumetric flow of the extracted or transferred CO$_2$ stream and concentration and density if volumetric flow meters are used.
(c) Importers or exporters of CO$_2$ must retain annual records of the mass flow, volumetric flow, and mass of CO$_2$ imported or exported.

§ 98.428 Definitions.
All terms used in this subpart have the same meaning given in the Clean Air Act and subpart A of this part.

§ 98.427 40 CFR Ch. I (7–1–14 Edition)

Subpart QQ—Impoters and Exporters of Fluorinated Greenhouse Gases Contained in Pre-Charged Equipment or Closed-Cell Foams

SOURCE: 75 FR 74856, Dec. 1, 2010, unless otherwise noted.

§ 98.430 Definition of the source category.
(a) The source category, importers and exporters of fluorinated GHGs contained in pre-charged equipment or closed-cell foams, consists of any entity that imports or exports pre-charged equipment that contains a fluorinated GHG, and any entity that imports or exports closed-cell foams that contain a fluorinated GHG.

§ 98.431 Reporting threshold.
Any importer or exporter of fluorinated GHGs contained in pre-charged equipment or closed-cell foams who meets the requirements of §98.2(a)(4) must report each fluorinated GHG contained in the imported or exported pre-charged equipment or closed-cell foams.

§ 98.432 GHGs to report.
You must report the mass of each fluorinated GHG contained in pre-charged equipment or closed-cell foams that you import or export during the calendar year. For imports and exports of closed-cell foams where you do not know the identity and mass of the fluorinated GHG, you must report the mass of fluorinated GHG in CO$_2$e.

§ 98.433 Calculating GHG contained in pre-charged equipment or closed-cell foams.
(a) The total mass of each fluorinated GHG imported and exported inside equipment or foams must be estimated using Equation QQ–1 of this section:

$$ I = \sum i S_i * N_i * 0.001 \quad (Eq. \ QQ-1) $$

990
where:

\[ I = \sum_t S_t \times N_t \times 0.001 \quad (\text{Eq. QQ-2}) \]

where:

- \( I \) = Total mass of the fluorinated GHG imported or exported annually (metric tons).
- \( t \) = Equipment/foam type containing the fluorinated GHG.
- \( S_t \) = Mass of fluorinated GHG per unit of equipment type \( t \) or foam type \( t \) (charge per piece of equipment, kg) or density of fluorinated GHG in foam (charge per cubic foot of foam, kg per cubic foot).
- \( N_t \) = Number of units of equipment type \( t \) or foam type \( t \) imported or exported annually (pieces of equipment or cubic feet of foam).
- 0.001 = Factor converting kg to metric tons.

(b) When the identity and mass of fluorinated GHGs in a closed-cell foam is unknown to the importer or exporter, the total mass in CO\(_2\)e for the fluorinated GHGs imported and exported inside closed-cell foams must be estimated using Equation QQ-2 of this section:

\[ I = \sum_t S_t \times N_t \times 0.001 \quad (\text{Eq. QQ-2}) \]