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## 40 C.F.R. § 98.97

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### Records that must be retained.

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

- (a) All data used and copies of calculations made as part of estimating gas consumption and emissions, including all spreadsheets.
- (b) [Reserved]
- (c) Documentation for the fab-specific engineering model used to apportion fluorinated GHG and N<sub>2</sub>O consumption. This documentation must be part of your site GHG Monitoring Plan as required under § 98.3(g)(5). At a minimum, you must retain the following:
  - (1) A clear, detailed description of the fab-specific model, including how it was developed; the quantifiable metric used in the model; all sources of information, equations, and formulas, each with clear definitions of terms and variables; all apportioning factors used to apportion fluorinated GHG and N<sub>2</sub>O; and a clear record of any changes made to the model while it was used to apportion fluorinated GHG and N<sub>2</sub>O consumption across process sub-types, process types, tools with and without abatement systems, stack systems, and/or fabs.
  - (2) Sample calculations used for developing the gas apportioning factors ( $f_{ij}$ ) for the two fluorinated GHGs used at your facility in the largest quantities, on a mass basis, during the reporting year.
  - (3) If you develop apportioning factors through the use of direct measurement according to § 98.94(c)(3), calculations and data used to develop each gas apportioning factor.
  - (4) Calculations and data used to determine and document that the fab was operating at representative operating levels, as defined in § 98.98, during the apportioning model verification specified in § 98.94(c).
- (d) For all abatement systems through which fluorinated GHGs or N<sub>2</sub>O flow at your facility, and for which you are reporting controlled emissions, the following in paragraphs (d)(1) to (9) of this section:
  - (1) Records of the information in paragraphs (d)(1)(i) through (iv) of this section:
    - (i) Documentation to certify that each abatement system or group of abatement systems is installed, maintained, and operated in accordance with the site maintenance plan for abatement systems that is specified in paragraph (d)(9) of this section.
    - (ii) Documentation from the abatement system supplier describing the abatement system's designed purpose and emission control capabilities for fluorinated GHG and N<sub>2</sub>O for which the systems or group of systems is certified to abate, where available.
    - (iii) If you use default destruction or removal efficiency values in your emissions calculations under § 98.93(a),

(b), and/or (i), certification that the abatement systems for which emissions are being reported were specifically designed for fluorinated GHG and N<sub>2</sub>O abatement, as required under § 98.94(f)(3), and certification that the site maintenance plan includes manufacturer's recommendations and specifications for installation, operation, and maintenance for all applicable abatement systems.

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