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# 40 C.F.R. § 60.583

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## Test methods and procedures.

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(a) Methods in appendix A of this part, except as provided under § 60.8(b), shall be used to determine compliance with § 60.582(a) as follows:

- (1) Method 24 for analysis of inks. If nonphotochemically reactive solvents are used in the inks, standard gas chromatographic techniques may be used to identify and quantify these solvents. The results of Method 24 may be adjusted to subtract these solvents from the measured VOC content.
- (2) Method 25A for VOC concentration (the calibration gas shall be propane);
- (3) Method 1 for sample and velocity traverses;
- (4) Method 2 for velocity and volumetric flow rates;
- (5) Method 3 for gas analysis;
- (6) Method 4 for stack gas moisture.

(b) To demonstrate compliance with § 60.582(a)(1), the owner or operator of an affected facility shall determine the weighted average VOC content of the inks according to the following procedures:

- (1) Determine and record the VOC content and amount of each ink used at the print head, including the VOC content and amount of diluent solvent, for any time periods when VOC emission control equipment is not used.
- (2) Compute the weighted average VOC content by the following equation:

$$G = \frac{\sum_{i=1}^n (W_{oi}M_{ci}) + \sum_{j=1}^m (W_{oj}M_{dj})}{\sum_{i=1}^n (M_{ci}W_{si})}$$

(3) The weighted average VOC content of the inks shall be calculated over a period that does not exceed one calendar month, or four consecutive weeks. A facility that uses an accounting system based on quarters consisting of two 28 calendar day periods and one 35 calendar day period may use an averaging period of 35 calendar days four times per year, provided the use of such an accounting system is documented in the initial performance test.

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