

the percent reduction over the period of the performance test, using Equation 1 of this section:

$$R = \frac{\sum_{i=1}^n E_{\text{inlet}, i} - \sum_{i=1}^n E_{\text{outlet}, i}}{\sum_{i=1}^n E_{\text{inlet}, i}} \quad (100) \quad [\text{Eq. 1}]$$

Where:

R=Efficiency of control device, percent.

$E_{\text{inlet}, i}$ =HAP concentration of control device inlet stream for test run i, mg/dscm.

$E_{\text{outlet}, i}$ =HAP concentration of control device outlet stream for test run i, mg/dscm.

n=Number of runs conducted for the performance test.

(f) You must also meet the requirements in paragraphs (f)(1) and (2) of this section.

(1) Conduct the performance tests using foams that are representative of foams typically used at your flame lamination affected source. If you use foams containing chlorinated fire retardants, you must conduct the performance tests using these foams.

(2) Establish all applicable operating limits that correspond to the control system efficiency as described in Table 3 to this subpart.

§ 63.8802 What methods must I use to demonstrate compliance with the emission limitation for loop slitter adhesive use?

(a) *Determine the HAP content for each material used.* To determine the HAP content for each material used in your foam fabrication operations, you must use one of the options in paragraphs (a)(1) through (3) of this section. If you use the option in paragraph (a)(3) of this section, you are subject to the provisions of paragraph (a)(4) of this section.

(1) *Method 311 (appendix A to 40 CFR part 63).* You may use Method 311 for determining the mass fraction of HAP. Use the procedures specified in paragraphs (a)(1)(i) and (ii) of this section when determining HAP content by Method 311.

(i) Include in the HAP total each HAP that is measured to be present at 0.1 percent by mass or more for Occupational Safety and Health Administration (OSHA)-defined carcinogens as

specified in 29 CFR 1910.1200(d)(4) and at 1.0 percent by mass or more for other compounds. For example, if toluene (not an OSHA carcinogen) is measured to be 0.5 percent of the material by mass, you do not need to include it in the HAP total. Express the mass fraction of each HAP you measure as a value truncated to four places after the decimal point (for example, 0.1234).

(ii) Calculate the total HAP content in the test material by adding up the individual HAP contents and truncating the result to three places after the decimal point (for example, 0.123).

(2) *Alternative method.* You may use an alternative test method for determining mass fraction of HAP if you obtain prior approval by the Administrator. You must follow the procedure in § 63.7(f) to submit an alternative test method for approval.

(3) *Information from the supplier or manufacturer of the material.* You may rely on information other than that generated by the test methods specified in paragraphs (a)(1) and (2) of this section to determine the mass fraction of HAP according to paragraphs (a)(3)(i) and (ii) of this section. This information may include, but is not limited to, a material safety data sheet (MSDS), a certified product data sheet (CPDS), or a manufacturer's hazardous air pollutant data sheet.

(i) Include in the HAP total each HAP that is present at 0.1 percent by mass or more for OSHA-defined carcinogens as specified in 29 CFR 1910.1200(d)(4) and at 1.0 percent by mass or more for other compounds. For example, if toluene (not an OSHA carcinogen) is 0.5 percent of the material by mass, you do not have to include it in the HAP total.

(ii) If the HAP content is provided by the material supplier or manufacturer as a range, then you must use the upper limit of the range for determining compliance.

(4) *Verification of supplier or manufacturer information.* Although you are not required to perform testing to verify the information obtained according to paragraph (a)(3) of this section, the Administrator may require a separate measurement of the total HAP content

using the methods specified in paragraph (a)(1) or (2) of this section. If this measurement exceeds the total HAP content provided by the material supplier or manufacturer, then you must use the measured HAP content to determine compliance.

(b) [Reserved]

§ 63.8806 How do I demonstrate initial compliance with the emission limitations?

(a) You must demonstrate initial compliance with each emission limit that applies to you according to Table 4 to this subpart.

(b) You must establish each site-specific operating limit in Table 2 to this subpart that applies to you according to the requirements in § 63.8800 and Table 3 to this subpart.

(c) You must submit the Notification of Compliance Status containing the results of the initial compliance demonstration according to the requirements in § 63.8816(e) through (h).

CONTINUOUS COMPLIANCE REQUIREMENTS

§ 63.8810 How do I monitor and collect data to demonstrate continuous compliance?

(a) If you own or operate a loop splitter adhesive use affected source, you must meet the requirements in paragraphs (a)(1) and (2) of this section.

(1) Maintain a list of each adhesive and the manufacturer or supplier of each.

(2) Maintain a record of EPA Method 311 (appendix A to 40 CFR part 63), approved alternative method, or other reasonable means of HAP content determinations indicating the mass percent of each HAP for each adhesive.

(b) If you own or operate a new or reconstructed flame lamination affected source, you must meet the requirements in paragraphs (b)(1) through (3) of this section if you use a scrubber, or paragraph (b)(4) of this section if you use any other control device.

(1) Keep records of the daily average scrubber inlet liquid flow rate.

(2) Keep records of the daily average scrubber effluent pH.

(3) If you use a venturi scrubber, keep records of daily average pressure drop across the venturi.

(4) Keep records of operating parameter values for each operating parameter that applies to you.

(c) If you own or operate a new or reconstructed flame lamination affected source, you must meet the requirements in paragraphs (c)(1) through (4) of this section.

(1) Except for periods of monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments), you must monitor continuously (or collect data at all required intervals) at all times that the affected source is operating. This includes periods of startup, shutdown, and malfunction when the affected source is operating. A monitoring malfunction includes, but is not limited to, any sudden, infrequent, not reasonably preventable failure of the monitoring device to provide valid data. Monitoring failures that are caused by poor maintenance or careless operation are not malfunctions.

(2) In data average calculations and calculations used to report emission or operating levels, you may not use data recorded during monitoring malfunctions, associated repairs, or recorded during required quality assurance or control activities. Nor may such data be used in fulfilling any applicable minimum data availability requirement. You must use all the data collected during all other periods in assessing the operation of the control device and associated control system.

(3) You must conduct a performance evaluation of each CMS in accordance with your site-specific monitoring plan.

(4) You must operate and maintain the CMS in continuous operation according to the site-specific monitoring plan.

§ 63.8812 How do I demonstrate continuous compliance with the emission limitations?

(a) You must demonstrate continuous compliance with each emission limit and operating limit in Tables 1 and 2 to this subpart that applies to you according to the methods specified in Table 5 to this subpart.