

§ 63.9515 How do I demonstrate initial compliance with the emission limitation that applies to me?

(a) You have demonstrated initial compliance for each new, reconstructed, or existing large solvent mixer subject to the emission limitation in § 63.9500(a) if the HAP solvent discharged to the atmosphere during the first 7 days after the compliance date, determined according to the provisions in § 63.9520, does not exceed a 7-day block average of 30 percent of that which would otherwise be emitted in the absence of solvent recovery and/or solvent substitution.

(b) You have demonstrated initial compliance for each new, reconstructed, or existing small solvent mixer subject to the emission limitation in § 63.9500(b) if the HAP solvent discharged to the atmosphere during the first 7 days after the compliance date, determined according to the provisions in § 63.9520, does not exceed a 7-day block average of 15 percent of that which would otherwise be emitted in the absence of solvent recovery and/or solvent substitution.

(c) You must submit a notification of compliance status containing the results of the initial compliance demonstration according to § 63.9535(e).

§ 63.9520 What procedures must I use to demonstrate initial compliance?

(a) If you use a solvent recovery system, you must use the procedures in paragraphs (a)(1) through (8) of this section to demonstrate initial compliance with the emission limitations in § 63.9500(a) and (b).

(1) Record the date and time of each mix batch.

(2) Record the identity of each mix batch using a unique batch ID, as defined in § 63.9565.

(3) Measure and record the weight of HAP solvent loaded into the solvent mixer for each mix batch.

(4) Measure and record the weight of HAP solvent recovered for each mix batch.

(5) If you use a solvent recovery system, you must determine the percent of HAP solvent discharged to the atmosphere for each mix batch according to Equation 1 of this section as follows: (Eq. 1)

$$P_b = \left(1 - \frac{S_{\text{rec}}}{S_{\text{mix}}} \right) (100) \quad (\text{Eq. 1})$$

Where:

P_b = Percent of HAP solvent discharged to the atmosphere for each mix batch, percent;

S_{rec} = Weight of HAP solvent recovered for each mix batch, lb;

S_{mix} = Weight of HAP solvent loaded into the solvent mixer for each mix batch, lb.

(6) If you use solvent substitution for a mix batch, you must record the use of a non-HAP material as a substitute for a HAP solvent for that mix batch and assign a value of 0 percent to the percent of HAP solvent discharged to the atmosphere for that mix batch (P_b).

(7) Determine the 7-day block average percent of HAP solvent discharged to the atmosphere according to Equation 2 of this section as follows:

$$P_7 = \frac{1}{n} \sum_{i=1}^n P_b \quad (\text{Eq. 2})$$

Where:

$\%P_7$ = 7-day block average percent of HAP solvent discharged to the atmosphere, percent;

i = mix batch;

n = number of mix batches in 7-day block average.

(8) Have valid data for at least 90 percent of the mix batches over the 7-day averaging period.

(b) If you use a control technique other than a solvent recovery system and/or solvent substitution, you may apply to EPA for approval to use an alternative method of demonstrating compliance with the emission limitations for solvent mixers in § 63.9500(a) and (b), as provided in § 63.9570.

§ 63.9525 What are the installation, operation, and maintenance requirements for my weight measurement device?

(a) If you use a solvent recovery system, you must install, operate, and maintain a weight measurement device to measure the weight of HAP solvent loaded into the solvent mixer and the weight of HAP solvent recovered for each mix batch.

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(b) For each weight measurement device required by this section, you must develop and submit for approval a site-specific monitoring plan that addresses the requirements of paragraphs (b)(1) through (6) of this section:

(1) Procedures for installing the weight measurement device;

(2) The minimum accuracy of the weight measurement device in pounds and as a percent of the average weight of solvent to be loaded into the solvent mixer;

(3) Site-specific procedures for how the measurements will be made;

(4) How the measurement data will be recorded, reduced, and stored;

(5) Procedures and acceptance criteria for calibration of the weight measurement device; and

(6) How the measurement device will be maintained, including a routine maintenance schedule and spare parts inventory list.

(c) The site-specific monitoring plan required in paragraph (b) of this section must include, at a minimum, the requirements of paragraphs (c)(1) through (3) of this section:

(1) The weight measurement device must have a minimum accuracy of ± 0.05 kilograms (± 0.1 pounds) or ± 1 percent of the average weight of solvent to be loaded into the solvent mixer, whichever is greater.

(2) An initial multi-point calibration of the weight measurement device must be made using 5 points spanning the expected range of weight measurements before the weight measurement device can be used. The manufacturer's calibration results can be used to meet this requirement.

(3) Once per day, an accuracy audit must be made using a single Class F calibration weight that corresponds to 20 to 80 percent of the average weight of solvent to be loaded into the solvent mixer. If the weight measurement device cannot reproduce the value of the calibration weight within ± 0.05 kilograms (0.1 pounds) or ± 1 percent of the average weight of solvent to be loaded into the solvent mixer, whichever is greater, the scale must be recalibrated before being used again. The recalibration must be performed with at least five Class F calibration weights span-

ning the expected range of weight measurements.

(d) You must operate and maintain the weight measurement device according to the site-specific monitoring plan.

(e) You must maintain records of all maintenance activities, calibrations, and calibration audits.

CONTINUOUS COMPLIANCE REQUIREMENTS

§ 63.9530 How do I demonstrate continuous compliance with the emission limitation that applies to me?

(a) If you use a solvent recovery system and/or solvent substitution, you must demonstrate continuous compliance with the emission limitations for solvent mixers in § 63.9500(a) and (b) according to the provisions in paragraphs (a)(1) through (3) of this section.

(1) Except for during malfunctions of your weight measurement device and associated repairs, you must collect and record the information required in § 63.9520(a)(1) through (8) at all times that the affected source is operating and record all information needed to document conformance with these requirements.

(2) For new, reconstructed, or existing large solvent mixers, maintain the 7-day block average percent of HAP solvent discharged to the atmosphere at or below 30 percent of that which would otherwise be emitted in the absence of solvent recovery and/or solvent substitution.

(3) For new, reconstructed, or existing small solvent mixers, maintain the 7-day block average percent of HAP solvent discharged to the atmosphere at or below 15 percent of that which would otherwise be emitted in the absence of solvent recovery and/or solvent substitution.

(b) If you use a control technique other than a solvent recovery system and/or solvent substitution, you must demonstrate continuous compliance with the emission limitations for solvent mixers in § 63.9500(a) and (b) according to the provisions in § 63.9570.

(c) You must report each instance in which you did not meet the emission limitations for solvent mixers in § 63.9500(a) and (b). This includes periods of startup, shutdown, or malfunction. These instances are deviations