

**§ 63.9495**

**40 CFR Ch. I (7-1-04 Edition)**

(d) A solvent mixer at your friction materials manufacturing facility is existing if it is not new or reconstructed.

**§ 63.9495 When do I have to comply with this subpart?**

(a) If you have an existing solvent mixer, you must comply with each of the requirements for existing sources no later than October 18, 2005.

(b) If you have a new or reconstructed solvent mixer and its initial startup date is after October 18, 2002, you must comply with the requirements for new and reconstructed sources upon initial startup.

(c) If your friction materials manufacturing facility is an area source that increases its emissions or its potential to emit such that it becomes a (or part of) a major source of HAP emissions, then paragraphs (c)(1) and (2) of this section apply.

(1) For any portion of the area source that becomes a new or reconstructed affected source, you must comply with the requirements for new and reconstructed sources upon startup or no later than October 18, 2002, whichever is later.

(2) For any portion of the area source that becomes an existing affected source, you must comply with the requirements for existing sources no later than 1 year after the area source becomes a major source or no later than October 18, 2005, whichever is later.

(d) You must meet the notification and schedule requirements in § 63.9535. Several of the notifications must be submitted before the compliance date for your affected source.

**EMISSION LIMITATIONS**

**§ 63.9500 What emission limitations must I meet?**

(a) For each new, reconstructed, or existing large solvent mixer at your friction materials manufacturing facility, you must limit HAP solvent emissions to the atmosphere to no more than 30 percent of that which would otherwise be emitted in the absence of solvent recovery and/or solvent substitution, based on a 7-day block average.

(b) For each new, reconstructed, or existing small solvent mixer at your

friction materials manufacturing facility, you must limit HAP solvent emissions to the atmosphere to no more than 15 percent of that which would otherwise be emitted in the absence of solvent recovery and/or solvent substitution, based on a 7-day block average.

**GENERAL COMPLIANCE REQUIREMENTS**

**§ 63.9505 What are my general requirements for complying with this subpart?**

(a) You must be in compliance with the emission limitation in this subpart at all times, except during periods of startup, shutdown, or malfunction.

(b) You must always operate and maintain your affected source, including air pollution control and monitoring equipment, according to the provisions in § 63.6(e)(1)(i).

(c) You must develop and implement a written startup, shutdown, and malfunction plan according to the provisions in § 63.6(e)(3).

**INITIAL COMPLIANCE DEMONSTRATION REQUIREMENTS**

**§ 63.9510 By what date must I conduct my initial compliance demonstration?**

(a) If you use a solvent recovery system and/or solvent substitution, you must conduct your initial compliance demonstration within 7 calendar days after the compliance date that is specified for your source in § 63.9495.

(b) If you use a control technique other than a solvent recovery system and/or solvent substitution, you must comply with the provisions in § 63.9570.

**§ 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.

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(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)

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

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.

(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;