

coating and printing subcategory are: (1) To achieve at least a 97 percent OCE limit; (2) an emission rate limit of no more than 0.12 kg organic HAP/kg of coating solids applied (0.12 lb organic HAP/lb of coating solids applied) in each 12-month compliance period; or (3) if you are using an oxidizer to control organic HAP emissions, operate the oxidizer to achieve the outlet concentration limit of no greater than 20 ppmv on a dry basis and maintain the efficiency of the capture system at 100 percent.

You may choose from several compliance options in the final rule to achieve the web coating and printing emission limits. You can comply through a pollution prevention approach by applying regulated materials that meet the emission rate limits, either individually (compliant material option) or collectively (emission rate without add-on controls option), during each compliance period. Second, you can use a capture system and add-on control device to meet either the applicable organic HAP OCE limit or emission rate limit. Third, you can use a 100 percent efficient capture system and an oxidizer that reduces organic HAP emissions to no more than 20 ppmv.

In the slashing subcategory, we are requiring each new, reconstructed and existing affected source to emit no organic HAP. This is not an absolute zero organic HAP limit since the compliance procedures specify that to determine organic HAP emissions, you count only organic HAP present in the materials you use 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 percent or more for other organic HAP compounds. To comply with the slashing organic HAP emission limits, you must apply only materials that individually meet the standard during each compliance period.

In the dyeing and finishing subcategory, we are limiting organic HAP emissions from each new, reconstructed and existing affected source that conducts dyeing operations only or both dyeing and finishing operations to no more than 0.016 kg organic HAP per kg of dyeing material used (0.016 lb organic HAP per lb of dyeing material used) for each 12-month compliance period. You can comply with the dyeing and finishing organic HAP emission rate by applying materials that meet the emission rate, either individually or collectively, during each 12-month compliance period. Each new, reconstructed and

existing affected source that conducts only finishing operations is required to emit no more than 0.0003 kg of organic HAP per kg of finishing materials.

We are also including an equivalent emission rate option in the dyeing and finishing subcategory. In order to be able to use the equivalent emission rate compliance option, you must demonstrate that at least 90 percent of the mass of organic HAP contained in dyeing and finishing materials applied in the dyeing and finishing affected source are discharged to a wastewater treatment system and not emitted to the atmosphere; and that the total organic HAP emissions from the dyeing and finishing affected source must be less than 10 tons per year. To demonstrate continuous compliance you must document that your dyeing/finishing affected source operates within the operating scenarios used to demonstrate initial compliance and that affected wastewater streams are discharged to a POTW or treated onsite in a wastewater treatment system with biological treatment. You also must maintain purchase records showing that organic HAP emissions do not exceed 10 tons for each 12-month compliance period.

2. Operating Limits. If you reduce emissions from web coating and printing or dyeing and finishing operations by using a capture system and add-on control device (other than a solvent recovery system for which you conduct a liquid-liquid material balance), the operating limits apply to you. These limits are site-specific parameter limits that you determine during the initial performance test of the emission control system. For capture systems, you must develop a capture system monitoring plan. The monitoring plan must identify the operating parameter to be monitored, explain why this parameter is appropriate for demonstrating ongoing compliance, and identify the specific monitoring procedures. In the plan, you must specify operating limits for the capture system operating parameter that demonstrate compliance with the applicable emission standard in the final rule. The monitoring plan must be available for inspection by your permitting authority upon request.

For thermal oxidizers, you must monitor the temperature in the firebox. For catalytic oxidizers, you either monitor the temperature at the inlet to the catalyst bed and the temperature difference across the catalyst bed, or you monitor the temperature at the inlet to the catalyst bed and prepare and implement an inspection and maintenance plan that includes periodic catalyst activity checks. For a control

device other than an oxidizer or if you wish to monitor an alternative parameter and comply with a different operating limit, you must apply to the Administrator for approval of an alternative monitoring method.

The site-specific parameter limits that you establish must reflect operation of the capture system and add-on control devices during a performance test that demonstrates achievement of the emission limits during representative operating conditions.

3. Work Practice Standards. If you use an emission capture system and add-on control device for compliance, you are required to develop and implement a work practice plan to minimize organic HAP emissions from mixing operations, storage tanks and other containers, and handling operations for regulated materials and waste materials.

4. Operations During Startup, Shutdown, or Malfunction. If you use a capture system and add-on control device for compliance, you are required to develop and operate according to a startup, shutdown, and malfunction plan (SSMP) during periods of startup, shutdown, or malfunction of the capture system and add-on control device.

5. General Provisions. The General Provisions (40 CFR part 63, subpart A) also apply to you as indicated in the final rule. The General Provisions codify certain procedures and criteria for all 40 CFR part 63 NESHAP. The General Provisions contain administrative procedures, preconstruction review procedures for new sources, and procedures for conducting compliance-related activities such as notifications, reporting and recordkeeping, performance testing, and monitoring. The final rule refers to individual sections of the General Provisions to emphasize key sections that are relevant. However, unless specifically overridden in the final rule, all of the applicable General Provisions requirements apply to you.

D. What Are the Testing and Initial Compliance Requirements?

1. Compliance Dates. Existing affected sources will have to be in compliance with today's final rule no later than May 30, 2006. New and reconstructed affected sources will have to be in compliance upon startup of the affected source or by May 29, 2003, whichever is later.

Except for affected sources required to conduct performance tests, the initial compliance period for the compliant material option or the organic HAP overall control efficiency and oxidizer outlet organic HAP concentration options begins on the compliance date