

add-on controls option, you are required to:

- Determine the quantity of each coating, printing, thinning, and cleaning material you applied.
- Calculate the mass of organic HAP in each coating, printing, thinning, and cleaning material you applied using the same types of data and methods previously described for the compliant material option.
- Determine the mass fraction of solids for each coating and printing material you applied using the same types of data or methods described for the compliant material option.
- Calculate the total mass of organic HAP in all regulated materials applied and total mass of solids for all coating and printing materials applied. You may subtract from the total mass of organic HAP the amount contained in waste materials you send to a hazardous waste treatment, storage, and disposal facility regulated under 40 CFR part 262, 264, 265, or 266.
- Calculate the ratio of the total mass of organic HAP to the total mass of solids for the regulated materials applied.
- Record the calculations and results and include them in your Notification of Compliance Status.

Note that if you choose to use this option for a particular web coating/printing operation or group of operations rather than for an entire affected source, you must calculate the organic HAP emission rate using just the materials applied in that operation or group. You are required to separately demonstrate compliance for all other operations in the affected source.

To demonstrate compliance with the slashing emission limits, you must use the compliant material option and demonstrate that each slashing material applied during the initial compliance period contains no organic HAP. As was noted regarding thinning or cleaning materials applied in web coating/printing operations, no organic HAP is not intended to mean a zero concentration. Materials that contain no organic HAP should be interpreted to mean materials that contain organic HAP levels below the levels defined in the final rule, which (as previously noted) are typical reporting levels.

To demonstrate compliance with the dyeing and finishing emission limits, you are required to demonstrate either that the organic HAP content of each dyeing and finishing material applied meets the applicable emission limit (compliant material option), or that the total mass of organic HAP in all dyeing and finishing materials applied divided

by the total mass of dyeing and finishing materials applied meets the applicable emission limit (emission rate without add-on controls option).

As previously described for web coating/printing operations, the compliant material option is a pollution prevention option that allows you to easily demonstrate compliance by applying only low-organic HAP or non-organic HAP dyeing and finishing materials. To demonstrate compliance with the compliant material option, you must demonstrate that the organic HAP content of each dyeing and finishing material applied meets the applicable emission limit in the final rule. To determine the mass of organic HAP in dyeing and finishing materials, you must rely on manufacturer's formulation data. You are not required to perform tests or analysis of the material.

Again as previously described for web coating/printing operations, the emission rate without add-on controls option is a pollution prevention option where you can demonstrate compliance based on the organic HAP contained in the mix of dyeing and finishing materials you apply. This option allows you more flexibility than the compliant material option, but requires the calculation of the emission rate each month, for that month and the preceding 11 months. To demonstrate initial compliance with the emission rate without add-on controls option, you are required to:

- Determine the mass of each dyeing and finishing material you applied.
- Calculate the mass of organic HAP in each dyeing and finishing material you applied.
- Calculate the total mass of organic HAP in all regulated materials and the total mass of all regulated materials applied for the compliance period. You may subtract from the total mass of organic HAP the amount contained in waste materials you send to a hazardous waste treatment, storage, and disposal facility regulated under 40 CFR part 262, 264, 265, or 266. You also may subtract from the total mass of organic HAP the amount demonstrated to be discharged to wastewater treatment and not emitted to the atmosphere, in accordance with the final rule requirements.
- Calculate the ratio of the total mass of organic HAP in the regulated materials applied to the total mass of regulated materials applied.
- Record the calculations and results and include them in your Notification of Compliance Status.

Note that if you choose to use this option for a particular dyeing/finishing operation or group of operations rather

than for an entire affected source, you would calculate the organic HAP emission rate using just the affected materials applied in that operation or group. You would need to separately demonstrate compliance for all other operations in the affected source.

You may also choose to use the equivalent emission rate option for your dyeing/finishing affected source. If you choose to use the equivalent emission rate option, it must be applied to the entire affected source; you may not use any other compliance option provided for any dyeing/finishing operation in your dyeing/finishing affected source.

In order to be able to use the equivalent emission rate 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/finishing affected source are discharged to the wastewater treatment system and not emitted to the atmosphere; and the total organic HAP emissions from the dyeing/finishing affected source must be less than 10 tons per year.

To demonstrate initial compliance with the equivalent emission rate option, you are required to:

- Determine the average organic HAP concentration of each affected wastewater stream using EPA Methods 305, 624, 625, 1624, 1625; other EPA methods; or methods other than EPA methods in accordance with specified requirements. You must consider the actual or anticipated production over the compliance period and include all wastewater streams generated by the affected dyeing/finishing operation(s) during this period. A performance test must be performed to characterize the wastewater stream generated for each operating scenario (in terms of factors affecting the fraction of organic HAP discharged to the wastewater, such as the type of substrate, the type and mass fraction of organic HAP entering the dyeing/finishing operation, and the process temperature and pressure) during the compliance period.

- Determine the mass flow rate of each wastewater stream using knowledge of the wastewater, historical records, or measurement.

- Document the wastewater is either discharged to a POTW or treated onsite in a treatment system that includes at least secondary treatment with biological treatment processes.

- Determine the mass of organic HAP contained in all of the wastewater streams characterized by the performance testing.

- Determine the fraction of organic HAP applied in the dyeing/finishing affected source that is discharged to the