

each bypass of the add-on control device during the semiannual reporting period and the total duration as a percent of the total source operating time during that semiannual reporting period.

(xi) A breakdown of the total duration of the deviations from the operating limits in Table 2 to this subpart and bypasses of the add-on control device during the semiannual reporting period into those that were due to startup, shutdown, control equipment problems, process problems, other known causes, and other unknown causes.

(xii) A summary of the total duration of CPMS downtime during the semiannual reporting period and the total duration of CPMS downtime as a percent of the total source operating time during that semiannual reporting period.

(xiii) A description of any changes in the CPMS, web coating/printing or dyeing/finishing operation, emission capture system, or add-on control device since the last semiannual reporting period.

(xiv) For each deviation from the work practice standards, a description of the deviation, the date and time period duration of the deviation, and the actions you took to correct the deviation.

(xv) A statement of the cause of each deviation.

(8) *Deviations: Equivalent Emission Rate Option.* If you use the equivalent emission rate option, and there was a deviation from the operating scenarios, as defined in § 63.4371, used to demonstrate initial compliance, the semiannual compliance report must contain the information in paragraphs (a)(i) through (iv) of this section.

(i) The beginning and ending dates of each compliance period during which the deviation occurred.

(ii) If the deviation consisted of failure to treat the organic HAP containing wastewater by a biological treatment process, an explanation of the deviation, the duration of the deviation, and the determination of the mass of organic HAP that was discharged in the wastewater that was not treated by a biological treatment process.

(iii) The determination of the fraction of organic HAP applied in your dyeing/finishing affected source that is discharged to the wastewater according to § 63.4331(d).

(iv) The calculation of the total organic HAP emissions from your dyeing/finishing affected source using Equation 4 of § 63.4331.

(b) *Performance test reports.* If you use one of the add-on control options in § 63.4291(a) or (c), you must submit reports of performance test results for emission capture systems and add-on control devices no later than 60 days after completing the tests as specified in § 63.10(d)(2).

(c) *Startup, shutdown, malfunction reports.* If you use one of the add-on control options in § 63.4291(a) or (c) and you have a startup, shutdown, or malfunction during the semiannual reporting period, you must submit the reports specified in paragraphs (c)(1) and (2) of this section.

(1) If your actions were consistent with your startup, shutdown, and malfunction plan, you must include the information specified in § 63.10(d) in the semiannual compliance report.

(2) If your actions were not consistent with your startup, shutdown, and malfunction plan, you must submit an immediate startup, shutdown, and malfunction report as described in paragraphs (c)(2)(i) and (ii) of this section as required by paragraph (a) of this section.

(i) You must describe the actions taken during the event in a report delivered by facsimile, telephone, or other means to the Administrator within 2 working days after starting actions that are inconsistent with the plan.

(ii) You must submit a letter to the Administrator within 7 working days after the end of the event, unless you have made alternative arrangements with the Administrator as specified in § 63.10(d)(5)(ii). The letter must contain the information specified in § 63.10(d)(5)(ii).

#### § 63.4312 What records must I keep?

You must collect and keep a record of the data and information specified in this section. Failure to collect and

## Environmental Protection Agency

## § 63.4312

keep these records is a deviation from the applicable standard.

(a) A copy of each notification and report that you submitted to comply with this subpart, and the documentation supporting each notification and report.

(b) A current copy of information provided by materials suppliers or manufacturers, such as manufacturer's formulation data or test data used to determine the mass fraction of organic HAP for coating, printing, slashing, dyeing, finishing, thinning, and cleaning materials; and the mass fraction of solids for coating and printing materials. If you conducted testing to determine mass fraction of organic HAP of coating materials or the mass fraction of solids of coating materials, you must keep a copy of the complete test report. If you use information provided to you by the manufacturer or supplier of the material that was based on testing, you must keep the summary sheet of results provided to you by the manufacturer or supplier. You are not required to obtain the test report or other supporting documentation from the manufacturer or supplier.

(c) For each compliance period, the records specified in paragraph (c)(1) of this section for web coating/printing operations and the records specified in paragraph (c)(2) of this section for dyeing/finishing operations.

(1) A record of the web coating/printing operations on which you used each compliance option and the time periods (beginning and ending dates) you used each option. For each month, a record of all required calculations for the compliance option(s) you used, as specified in paragraphs (c)(1)(i) through (iv) of this section.

(i) For the compliant material option, a record of the calculation of the organic HAP content, as purchased, for each coating and printing material applied, using Equation 1 of § 63.4321.

(ii) For the emission rate without add-on controls option, a record of the calculation of the total mass of organic HAP emissions for the coating, printing, thinning and cleaning materials applied each compliance period using Equations 1, 1A, and 1B of § 63.4331 and, if applicable, the calculation used to determine the mass of organic HAP in

waste materials according to § 63.4331(a)(4)(iii); the calculation of the total mass of the solids contained in all coating and printing materials applied each compliance period using Equation 2 of § 63.4331; and the calculation of the organic HAP emission rate for each compliance period using Equation 3 of § 63.4331.

(iii) For the emission rate with add-on controls option, a record of the calculation of the total mass of organic HAP emissions before add-on controls for the coating, printing, thinning and cleaning materials applied each compliance period using Equations 1, 1A, and 1B of § 63.4331 and, if applicable, the calculation used to determine the mass of organic HAP in waste materials according to § 63.4331(a)(4)(iii); the calculation of the total mass of the solids contained in all coating and printing materials applied each compliance period using Equation 2 of § 63.4331; the calculation of the mass of organic HAP emission reduction by emission capture systems and add-on control devices using Equations 1, 1A, 1B, and 1C of § 63.4341 and Equations 2, 3, 3A, and 3B of § 63.4341, as applicable; and the calculation of the organic HAP emission rate for each compliance period using Equation 4 of § 63.4341.

(iv) For the organic HAP overall control efficiency option or the oxidizer outlet organic HAP concentration option, the records specified in paragraph (j) of this section.

(2) A record of the dyeing/finishing operations on which you used each compliance option and the time periods (beginning and ending dates) you used each option. For each month, a record of all required calculations for the compliance option(s) you used, as specified in paragraphs (c)(2)(i) through (iv) of this section.

(i) For the compliant material option, a purchase record of the mass fraction of organic HAP for each dyeing, and finishing material applied, according to § 63.4321(e)(1)(iv).

(ii) For the emission rate without add-on controls option, the calculation for the total mass of organic HAP emissions for the dyeing and finishing materials applied each compliance period using Equations 4 and 4A of

§ 63.4331 and, if applicable, the calculations used to determine the mass of organic HAP in waste materials according to § 63.4331(b)(3)(ii) and the mass of organic HAP contained in wastewater discharged to a POTW or treated onsite prior to discharge according to § 63.4331(b)(3)(iii); the calculation of the total mass of dyeing and finishing materials applied each compliance period using Equation 5 of § 63.4331; and the calculation of the organic HAP emission rate for each compliance period using Equation 6 of § 63.4331.

(iii) For the emission rate with add-on controls option, a record of the calculation of the total mass of organic HAP emissions before add-on controls for the dyeing and finishing materials applied each compliance period using Equations 4 and 4A of § 63.4331 and, if applicable, the calculation used to determine the mass of organic HAP in waste materials according to § 63.4331(b)(3)(ii) and the determination of the mass of organic HAP contained in wastewater discharged to a POTW or treated onsite prior to discharge according to § 63.4331(b)(3)(iii); the calculation of the total mass of dyeing and finishing materials applied each compliance period using Equation 5 of § 63.4331; the calculation of the mass of organic HAP emission reduction by emission capture systems and add-on control devices using Equations 5, 5A, and 5B of § 63.4341 and Equations 6, 7, and 7A of § 63.4341, as applicable; and the calculation of the organic HAP emission rate for each compliance period using Equation 8 of § 63.4341.

(iv) For the equivalent emission rate option, a record that your dyeing/finishing affected source operated within the operating scenarios used to demonstrate initial compliance, documentation that affected wastewater was either discharged to a POTW or to onsite secondary treatment, and the calculation of the total organic HAP emissions from your dyeing/finishing affected source for each compliance period using Equation 4 of § 63.4331.

(d) A record of the name and mass of each regulated material applied in the web coating and printing subcategory and the dyeing and finishing subcategory during each compliance period. If you are using the compliant

material option for all regulated materials at the source, you may maintain purchase records for each material used rather than a record of the mass used.

(e) A record of the mass fraction of organic HAP for each regulated material applied during each compliance period.

(f) A record of the mass fraction of coating and printing solids for each coating and printing material applied during each compliance period.

(g) If you use an allowance in Equation 1 or 4 of § 63.4331 for organic HAP contained in waste materials sent to, or designated for shipment to, a treatment, storage, and disposal facility (TSDF) according to § 63.4331(a)(4)(iii) or (b)(3)(ii), you must keep records of the information specified in paragraphs (g)(1) through (3) of this section.

(1) The name and address of each TSDF to which you sent waste materials for which you used an allowance in Equation 1 or 4 of § 63.4331, a statement of which subparts under 40 CFR parts 262, 264, 265, and 266 apply to the facility, and the date of each shipment.

(2) Identification of the web coating/printing or dyeing/finishing operations producing waste materials included in each shipment and the compliance period(s) in which you used the allowance for these materials in Equation 1 or 4, respectively, of § 63.4331.

(3) The methodology used in accordance with § 63.4331(a)(3)(iii) or (b)(4)(ii) to determine the total amount of waste materials sent to or the amount collected, stored, and designated for transport to a TSDF each compliance period; and the methodology to determine the mass of organic HAP contained in these waste materials. This must include the sources for all data used in the determination, methods used to generate the data, frequency of testing or monitoring, and supporting calculations and documentation, including the waste manifest for each shipment.

(h) If you use an allowance in Equation 4 of § 63.4331 for organic HAP contained in wastewater discharged to a POTW or treated onsite prior to discharge according to § 63.4331(c), you must keep records of the information

## Environmental Protection Agency

## § 63.4312

specified in paragraphs (h)(1) and (2) of this section.

(1) Documentation that the wastewater was either discharged to a POTW or onsite secondary wastewater treatment.

(2) Calculation of the allowance, WW, using the fraction of organic HAP applied in affected processes that is discharged to the wastewater determined from the most recent performance test and the mass of organic HAP in the dyeing and finishing materials applied during the compliance period, A, calculated in Equation 4 of § 63.4331.

(i) You must keep records of the date, time, and duration of each deviation.

(j) If you use the emission rate with add-on controls option, the organic HAP overall control efficiency option, or the oxidizer outlet organic HAP concentration option, you must keep the records specified in paragraphs (j)(1) through (8) of this section.

(1) For each deviation, a record of whether the deviation occurred during a period of startup, shutdown, or malfunction.

(2) The records in § 63.6(e)(3)(iii) through (v) related to startup, shutdown, and malfunction.

(3) The records required to show continuous compliance with each operating limit specified in Table 2 to this subpart that applies to you.

(4) For each capture system that is a PTE, the data and documentation you used to support a determination that the capture system meets the criteria in Method 204 of appendix M to 40 CFR part 51 for a PTE and has a capture efficiency of 100 percent, as specified in § 63.4361(a).

(5) For each capture system that is not a PTE, the data and documentation you used to determine capture efficiency according to the requirements specified in §§ 63.4360 and 63.4361(b) through (e) including the records specified in paragraphs (j)(5)(i) through (iii) of this section that apply to you.

(i) *Records for a liquid-to-fugitive protocol using a temporary total enclosure or building enclosure.* Records of the mass of total volatile hydrocarbon (TVH) as measured by Method 204A or F of appendix M to 40 CFR part 51 for each regulated material applied in the web coating/printing or dyeing/finishing op-

eration, and the total TVH for all materials applied during each capture efficiency test run, including a copy of the test report. Records of the mass of TVH emissions not captured by the capture system that exited the temporary total enclosure or building enclosure during each capture efficiency test run, as measured by Method 204D or E of appendix M to 40 CFR part 51, including a copy of the test report. Records documenting that the enclosure used for the capture efficiency test met the criteria in Method 204 of appendix M to 40 CFR part 51 for either a temporary total enclosure or a building enclosure.

(ii) *Records for a gas-to-gas protocol using a temporary total enclosure or a building enclosure.* Records of the mass of TVH emissions captured by the emission capture system as measured by Method 204B or C of appendix M to 40 CFR part 51 at the inlet to the add-on control device, including a copy of the test report. Records of the mass of TVH emissions not captured by the capture system that exited the temporary total enclosure or building enclosure during each capture efficiency test run as measured by Method 204D or E of appendix M to 40 CFR part 51, including a copy of the test report. Records documenting that the enclosure used for the capture efficiency test met the criteria in Method 204 of appendix M to 40 CFR part 51 for either a temporary total enclosure or a building enclosure.

(iii) *Records for an alternative protocol.* Records needed to document a capture efficiency determination using an alternative method or protocol as specified in § 63.4361(e), if applicable.

(6) The records specified in paragraphs (j)(6)(i) and (ii) of this section for each add-on control device organic HAP destruction or removal efficiency determination or oxidizer outlet organic HAP concentration determination as specified in § 63.4362.

(i) Records of each add-on control device performance test conducted according to §§ 63.4360 and 63.4362.

(ii) Records of the web coating/printing or dyeing/finishing operation conditions during the add-on control device

**§ 63.4313**

performance test showing that the performance test was conducted under representative operating conditions.

(7) Records of the data and calculations you used to establish the emission capture and add-on control device operating limits as specified in § 63.4363 and to document compliance with the operating limits as specified in Table 2 to this subpart.

(8) A record of the work practice plan required by § 63.4293 and documentation that you are implementing the plan on a continuous basis.

**§ 63.4313 In what form and for how long must I keep my records?**

(a) Your records must be in a form suitable and readily available for expeditious review, according to § 63.10(b)(1). Where appropriate, the records may be maintained as electronic spreadsheets or as a database.

(b) As specified in § 63.10(b)(1), you must keep each record for 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record.

(c) You must keep each record on site for at least 2 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record, according to § 63.10(b)(1). You may keep the records off site for the remaining 3 years.

COMPLIANCE REQUIREMENTS FOR THE  
COMPLIANT MATERIAL OPTION

**§ 63.4320 By what date must I conduct the initial compliance demonstration?**

You must complete the compliance demonstration for the initial compliance period according to the requirements in § 63.4321. The initial compliance period begins on the applicable compliance date specified in § 63.4283 and ends on the last day of the first full month after the compliance date. The initial compliance demonstration includes the calculations according to § 63.4321 and supporting documentation showing that, during the initial compliance period, the organic HAP content of each coating and printing material you applied and the mass fraction of organic HAP in each slashing, dyeing, and finishing material you applied did not exceed the applicable limit in

Table 1 to this subpart, and documentation that in web coating/printing operations you applied only thinners and cleaners that contained no organic HAP as defined in § 63.4371.

**§ 63.4321 How do I demonstrate initial compliance with the emission limitations?**

(a) You may use the compliant material option for any individual web coating/printing operation, for any group of web coating/printing operations in the affected source, or for all the web coating/printing operations in the affected source. You must use either the emission rate without add-on controls option, the emission rate with add-on controls option, the organic HAP overall control efficiency option, or the oxidizer outlet organic HAP concentration option for any web coating/printing operation(s) in the affected source for which you do not use this option. For a web coating/printing affected source to demonstrate initial compliance using the compliant material option, the web coating/printing operation or group of web coating/printing operations must apply no coating or printing material with an organic HAP content that exceeds the applicable emission limit in Table 1 to this subpart and must apply only thinning or cleaning material that contains no organic HAP, as defined in § 63.4371.

(b) You must use the compliant material option for each slashing affected source, as required in Table 1 to this subpart. For a slashing affected source to demonstrate initial compliance using the compliant material option, the slashing operation or group of slashing operations must apply only slashing material with no organic HAP as defined in § 63.4371.

(c) You may use the compliant material option for any individual dyeing/finishing operation, for any group of dyeing/finishing operations in the affected source, or for all the dyeing/finishing operations in the affected source. You must use either the emission rate without add-on controls option or the emission rate with add-on controls option for any dyeing/finishing operations in the affected source for which you do not use this option.