

Pt. 63, Subpt. OOOO, Table 1

40 CFR Ch. I (7-1-09 Edition)

(2) Yarns made from natural or manufactured fibers;

(3) Fabrics and other manufactured products made from staple fibers and filaments and from yarn; and

(4) Garments and other articles fabricated from fibers, yarns, or fabrics.

Thinning material means an organic solvent that is added to a coating or printing material after the coating or printing material is received from the supplier.

Total volatile hydrocarbon (TVH) means the total amount of nonaqueous volatile organic material determined according to Methods 204A through 204C of appendix M to 40 CFR part 51 and substituting the term TVH each place in the methods where the term

VOC is used. The TVH includes both VOC and non-VOC.

Uncontrolled web coating/printing or dyeing/finishing operation means a coating/printing or dyeing/finishing operation from which none of the organic HAP emissions are routed through an emission capture system and add-on control device.

Volatile organic compounds (VOC) means any compounds defined as VOC in 40 CFR 51.100(s).

Wastewater means water that is generated in a web coating, web printing, slashing, dyeing or finishing operation and is collected, stored, or treated prior to being discarded or discharged.

Web means a continuous textile substrate which is flexible enough to be wound or unwound as rolls.

TABLE 1 TO SUBPART OOOO OF PART 63—EMISSION LIMITS FOR NEW OR RECONSTRUCTED AND EXISTING AFFECTED SOURCES IN THE PRINTING, COATING AND DYEING OF FABRICS AND OTHER TEXTILES SOURCE CATEGORY

If you are required to comply with emission limitations in accordance with §§ 63.4290 and 63.4291, you must comply with the applicable emission limits in the following table:

| If your affected source is a . . . | And it conducts . . . | Then this is the organic HAP emission limit for each compliance period . . . |
|---|--|---|
| 1. New or reconstructed coating and printing affected source. | Coating operations only, or Printing operations only, or Both coating and printing operations. | You may choose any one of the following limits: Reduce organic HAP emissions to the atmosphere by achieving at least a 98 percent organic HAP overall control efficiency; Limit organic HAP emissions to the atmosphere to no more than 0.08 kg of organic HAP per kg of solids applied; or If you use an oxidizer to control organic HAP emissions, operate the oxidizer such that an outlet organic HAP concentration of no greater than 20 ppmv on a dry basis is achieved and the efficiency of the capture system is 100 percent. |
| 2. Existing coating and printing affected source. | Coating operations only, or Printing operations only, or Both coating and printing operations. | You may choose any one of the following limits: Reduce organic HAP emissions to the atmosphere by achieving at least a 97 percent organic HAP overall control efficiency; Limit organic HAP emissions to the atmosphere to no more than 0.12 kg of organic HAP per kg of solids applied; or If you use an oxidizer to control organic HAP emissions, operate the oxidizer such that an outlet organic HAP concentration of no greater than 20 ppmv on a dry basis is achieved and the efficiency of the capture system is 100 percent. |

Environmental Protection Agency

Pt. 63, Subpt. OOOO, Table 2

| If your affected source is a . . . | And it conducts . . . | Then this is the organic HAP emission limit for each compliance period . . . |
|---|--|---|
| 3. New, reconstructed or existing dyeing finishing affected source. | a. Dyeing operations only | You must limit organic HAP emissions to the atmosphere to no more than 0.016 kg of organic HAP per kg of dyeing materials applied. |
| | b. Finishing operations only | You must limit organic HAP emissions to the atmosphere to no more than 0.0003 kg of organic HAP per kg of finishing materials applied. |
| | c. Both dyeing and finishing operations .. | You must limit organic HAP emissions to the atmosphere to no more than 0.016 kg of organic HAP per kg of dyeing and finishing materials applied. |
| 4. New, reconstructed or existing slashing affected source. | Slashing operations only | You must limit organic HAP emissions to the atmosphere to no more than zero kg organic HAP per kg of slashing materials as determined according to § 63.4321(e)(1)(iv) of this subpart. |

TABLE 2 TO SUBPART OOOO OF PART 63—OPERATING LIMITS IF USING ADD-ON CONTROL DEVICES AND CAPTURE SYSTEM

If you are required to comply with the operating limits by § 63.4292, you must comply with the applicable operating limits in the following table:

| For the following device . . . | You must meet the following operating limit . . . | And you must demonstrate continuous compliance with the operating limit by . . . |
|----------------------------------|--|---|
| 1. Thermal oxidizer | a. The average temperature in any 3-hour block period must not fall below the temperature limit established according to § 63.4363(a) | i. Collecting the temperature data according to § 63.4364(c); ii. Reducing the data to 3-hour block averages; and iii. Maintaining the 3-hour block average temperature at or above the temperature limit. |
| 2. Catalytic oxidizer | a. The average temperature measured at the inlet to the catalyst bed in any 3-hour block period must not fall below the limit established according to § 63.4363(b); and either b. Ensure that the average temperature difference across the catalyst bed in any 3-hour block period does not fall below the temperature difference limit established according to § 63.4363(b)(2); or c. Develop and implement an inspection and maintenance plan according to § 63.4363(b)(4). | i. Collecting the temperature data according to § 63.4364(c); ii. reducing the data to 3-hour block averages; and iii. maintaining the 3-hour block average catalyst bed inlet temperature at or above temperature limit. Collecting the temperature data according to § 63.4364(c), reducing the data to 3-hour block averages, and maintaining the 3-hour block average temperature difference at or above the temperature difference limit. Maintaining an up-to-date inspection and maintenance plan, records of annual catalyst activity checks, records of monthly inspections of the oxidizer system, and records of the annual internal inspections of the catalyst bed. If a problem is discovered during a monthly or annual inspection required by § 63.4363(b)(4), you must take corrective action as soon as practicable consistent with the manufacturer's recommendations. |
| 3. Emission capture system | Submit monitoring plan to the Administrator that identifies operating parameters to be monitored according to § 63.4364(e). | Conduct monitoring according to the plan (§ 63.4364(e)(3)). |