

TABLE 5 TO SUBPART EEEEE OF PART 63—REQUIREMENTS FOR PERFORMANCE TESTS AND DESIGN EVALUATIONS

As stated in §§ 63.2354(a) and 63.2362, you must comply with the requirements for performance tests and design evaluations for existing, reconstructed, or new affected sources as follows:

| For . . .   | You must conduct . . .  | According to . . .   | Using . . .   | To determine . . .  | According to the following requirements . . .  |
|---|---|--|---|---|--|
| 1. Each existing, each reconstructed, and each new affected source using a nonflare control device to comply with an emission limit in Table 2 to this subpart, items 1 through 10. | a. A performance test to determine the organic HAP (or, upon approval, TOC) control efficiency of each nonflare control device, OR the exhaust concentration of each combustion device; OR. | i. § 63.985(b)(1)(ii), § 63.988(b), § 63.990(b), or § 63.995(b). | (1) EPA Method 1 or 1A in appendix A-1 of 40 CFR part 60, as appropriate.<br><br>(2) EPA Method 2, 2A, 2C, 2D, or 2F in appendix A-1 of 40 CFR part 60; or EPA Method 2G in appendix A-2 of 40 CFR part 60, as appropriate.<br>(3) EPA Method 3 or 3B in appendix A-2 of 40 CFR part 60, as appropriate.<br>(4) EPA Method 4 in appendix A-3 of 40 CFR part 60. | (A) Sampling port locations and the required number of traverse points.<br><br>(A) Stack gas velocity and volumetric flow rate.<br><br>(A) Concentration of CO <sub>2</sub> and O <sub>2</sub> and dry molecular weight of the stack gas.<br>(A) Moisture content of the stack gas. | (i) Sampling sites must be located at the inlet and outlet of each control device if complying with the control efficiency requirement or at the outlet of the control device if complying with the exhaust concentration requirement; AND<br>(ii) the outlet sampling site must be located at each control device prior to any releases to the atmosphere.<br><br>See the requirements in items 1.a.i.(1)(A)(i) and (ii) of this table.<br><br>See the requirements in items 1.a.i.(1)(A)(i) and (ii) of this table.<br><br>See the requirements in items 1.a.i.(1)(A)(i) and (ii) of this table. |

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| <p>(5) EPA Method 18 in appendix A-6 of 40 CFR part 60, or EPA Method 25 or 25A in appendix A-7 of 40 CFR part 60, as appropriate, or EPA Method 316 in appendix A of 40 CFR part 63 for measuring form-aldehyde.</p>  | <p>(A) Total organic HAP (or, upon approval, TOC), or formaldehyde emissions.</p> | <p>(i) The organic HAP used for the calibration gas for EPA Method 25A in appendix A-7 of 40 CFR part 60 must be the single organic HAP representing the largest percent by volume of emissions; AND</p> <p>(ii) During the performance test, you must establish the operating parameter limits within which total organic HAP (or, upon approval, TOC) emissions are reduced by the required weight-percent or, as an option for nonflare combustion devices, to 20 ppmv exhaust concentration.</p> |
| <p>b. A design evaluation (for nonflare control devices) to determine the organic HAP (or, upon approval, TOC) control efficiency of each nonflare control device, or the exhaust concentration of each combustion control device.</p>   | <p>.....</p>  | <p>.....</p>   |
| <p>2. Each transport vehicle that you own that is equipped with vapor collection equipment and is loaded with organic liquids at a transfer rack that is subject to control based on the criteria specified in table 2 to this subpart, items 7 through 10, at an existing, reconstructed, or new affected source.</p> | <p>.....</p>  | <p>.....</p>   |
| <p>EPA Method 27 in appendix A of 40 CFR part 60.</p>  | <p>Vapor tightness .....</p>  | <p>The pressure change in the tank must be no more than 250 pascals (1 inch of water) in 5 minutes after it is pressurized to 4,500 pascals (18 inches of water).</p>  |
| <p>.....</p>   | <p>.....</p>  | <p>.....</p>   |

**Pt. 63, Subpt. EEEE, Table 6**

**40 CFR Ch. I (7–1–09 Edition)**

[71 FR 42916, July 28, 2006, as amended at 73 FR 21831, Apr. 23, 2008]

**TABLE 6 TO SUBPART EEEE OF PART 63—INITIAL COMPLIANCE WITH EMISSION LIMITS**

As stated in §§ 63.2370(a) and 63.2382(b), you must show initial compliance with the emission limits for existing, reconstructed, or new affected sources as follows:

| For each . . .   | For the following emission limit . . .  | You have demonstrated initial compliance if . . .  |
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| 1. Storage tank at an existing, reconstructed, or new affected source meeting any set of tank capacity and liquid organic HAP vapor pressure criteria specified in Table 2 to this subpart, items 1 through 6. | Reduce total organic HAP (or, upon approval, TOC) emissions by at least 95 weight-percent, or as an option for nonflare combustion devices to an exhaust concentration of ≤20 ppmv.                                     | Total organic HAP (or, upon approval, TOC) emissions, based on the results of the performance testing or design evaluation specified in Table 5 to this subpart, item 1.a or 1.b, respectively, are reduced by at least 95 weight-percent or as an option for nonflare combustion devices to an exhaust concentration ≤20 ppmv.  |
| 2. Transfer rack that is subject to control based on the criteria specified in table 2 to this subpart, items 7 through 10, at an existing, reconstructed, or new affected source.                             | Reduce total organic HAP (or, upon approval, TOC) emissions from the loading of organic liquids by at least 98 weight-percent, or as an option for nonflare combustion devices to an exhaust concentration of ≤20 ppmv. | Total organic HAP (or, upon approval, TOC) emissions from the loading of organic liquids, based on the results of the performance testing or design evaluation specified in table 5 to this subpart, item 1.a or 1.b, respectively, are reduced by at least 98 weight-percent or as an option for nonflare combustion devices to an exhaust concentration of ≤20 ppmv. |

[71 FR 42918, July 28, 2006, as amended at 73 FR 21832, Apr. 23, 2008]

**TABLE 7 TO SUBPART EEEE OF PART 63—INITIAL COMPLIANCE WITH WORK PRACTICE STANDARDS**

| For each . . .   | If you . . .   | You have demonstrated initial compliance if . . .  |
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| 1. Storage tank at an existing affected source meeting either set of tank capacity and liquid organic HAP vapor pressure criteria specified in Table 2 to this subpart, items 1 or 2.              | <p>a. Install a floating roof or equivalent control that meets the requirements in Table 4 to this subpart, item 1.a.</p> <p>b. Route emissions to a fuel gas system or back to a process.</p> <p>c. Install and, during the filling of the storage tank with organic liquids, operate a vapor balancing system.</p> | <p>i. After emptying and degassing, you visually inspect each internal floating roof before the refilling of the storage tank and perform seal gap inspections of the primary and secondary rim seals of each external floating roof within 90 days after the refilling of the storage tank.</p> <p>i. You meet the requirements in §63.984(b) and submit the statement of connection required by §63.984(c).</p> <p>i. You meet the requirements in §63.2346(a)(4).</p> |
| 2. Storage tank at a reconstructed or new affected source meeting any set of tank capacity and liquid organic HAP vapor pressure criteria specified in Table 2 to this subpart, items 3 through 5. | <p>a. Install a floating roof or equivalent control that meets the requirements in Table 4 to this subpart, item 1.a.</p> <p>b. Route emissions to a fuel gas system or back to a process.</p> <p>c. Install and, during the filling of the storage tank with organic liquids, operate a vapor balancing system.</p> | <p>i. You visually inspect each internal floating roof before the initial filling of the storage tank, and perform seal gap inspections of the primary and secondary rim seals of each external floating roof within 90 days after the initial filling of the storage tank.</p> <p>i. See item 1.b.i of this table.</p> <p>i. See item 1.c.i of this table.</p>  |
| 3. Transfer rack that is subject to control based on the criteria specified in table 2 to this subpart, items 7 through 10, at an existing, reconstructed, or new affected source.                 | a. Load organic liquids only into transport vehicles having current vapor tightness certification as described in table 4 to this subpart, item 5 and item 6.  | i. You comply with the provisions specified in table 4 to this subpart, item 5 or item 6, as applicable.   |