Environmental Protection Agency
Pt. 63, Subpt. EEEE, Table 5

For each existing, each reconstructed, and each new affected source using . . .

Maintain the temperature of the adsorption bed less than or equal to the reference temperature established during the design evaluation or performance test that demonstrated compliance with the emission limit.

7. A flare to comply with an emission limit in table 2 to this subpart.
   a. Comply with the equipment and operating requirements in §63.987(a); AND
   b. Conduct an initial flare compliance assessment in accordance with §63.987(b); AND
   c. Install and operate monitoring equipment as specified in §63.987(c).

8. Another type of control device to comply with an emission limit in table 2 to this subpart.
   a. Comply with the equipment and operating requirements in §63.987(a); AND
   b. Conduct an initial flare compliance assessment in accordance with §63.987(b); AND
   c. Install and operate monitoring equipment as specified in §§63.995(c) and 63.2366(b), and monitor the control device in accordance with that plan.


TABLE 4 TO SUBPART EEEE OF PART 63—WORK PRACTICE STANDARDS

As stated in §63.2346, you may elect to comply with one of the work practice standards for existing, reconstructed, or new affected sources in the following table. If you elect to do so, . . .

For each . . .

1. Storage tank at an existing, reconstructed, or new affected source meeting any set of tank capacity and organic HAP vapor pressure criteria specified in table 2 to this subpart, items 1 through 5.
   a. Comply with the requirements of 40 CFR part 63, subpart WW (control level 2), if you elect to meet 40 CFR part 63, subpart WW (control level 2) requirements as an alternative to the emission limit in table 2 to this subpart, items 1 through 5; OR
   b. Comply with the requirements of §63.984 for routing emissions to a fuel gas system or back to a process; OR
   c. Comply with the requirements of §63.2346(a)(4) for vapor balancing emissions to the transport vehicle from which the storage tank is filled.

2. Storage tank at an existing, reconstructed, or new affected source meeting any set of tank capacity and organic HAP vapor pressure criteria specified in table 2 to this subpart, item 6.
   a. Comply with the requirements of §63.984 for routing emissions to a fuel gas system or back to a process; OR
   b. Comply with the requirements of §63.2346(a)(4) for vapor balancing emissions to the transport vehicle from which the storage tank is filled.

3. Transfer rack 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. If the option of a vapor balancing system is selected, install and, during the loading of organic liquids, operate a system that meets the requirements in table 7 to this subpart, item 3.b.i and item 3.b.ii, as applicable; OR
   b. Comply with the requirements of §63.984 during the loading of organic liquids, for routing emissions to a fuel gas system or back to a process.

4. Pump, valve, and sampling connection that operates in organic liquids service at least 300 hours per year at an existing, reconstructed, or new affected source.
   Comply with the requirements for pumps, valves, and sampling connections in 40 CFR part 63, subpart TT (control level 1), subpart UU (control level 2), or subpart H.

5. Transport vehicles equipped with vapor collection equipment that are loaded at transfer racks that are subject to control based on the criteria specified in table 2 to this subpart, items 7 through 10.
   Ensure that organic liquids are loaded only into transport vehicles that have a current certification in accordance with the U.S. DOT pressure test requirements in 49 CFR 180 (cargo tanks) or 49 CFR 173.31 (tank cars).

6. Transport vehicles equipped without vapor collection equipment that are loaded at transfer racks that are subject to control based on the criteria specified in table 2 to this subpart, items 7 through 10.

[71 FR 42915, July 28, 2006]

TABLE 5 TO SUBPART EEEE 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:
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.

<table>
<thead>
<tr>
<th>For . . .</th>
<th>You must conduct . . .</th>
<th>According to . . .</th>
<th>Using . . .</th>
<th>To determine . . .</th>
<th>According to the following requirements . . .</th>
</tr>
</thead>
<tbody>
<tr>
<td>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.</td>
<td>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.</td>
<td>1. § 63.985(b)(1)(ii), § 63.988(b), § 63.990(b), or § 63.995(b).</td>
<td>(1) EPA Method 1 or 1A in appendix A–1 of 40 CFR part 60, as appropriate.</td>
<td>(A) Sampling port locations and the required number of traverse points.</td>
<td>(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 (ii) the outlet sampling site must be located at each control device prior to any releases to the atmosphere. See the requirements in items 1.a.i.(1)(A)(i) and (ii) of this table.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>(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.</td>
<td>(A) Stack gas velocity and volumetric flow rate.</td>
<td>See the requirements in items 1.a.i.(1)(A)(i) and (ii) of this table.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>(3) EPA Method 3 or 3B in appendix A–2 of 40 CFR part 60, as appropriate.</td>
<td>(A) Concentration of CO₂ and O₂ and dry molecular weight of the stack gas.</td>
<td>See the requirements in items 1.a.i.(1)(A)(i) and (ii) of this table.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>(4) EPA Method 4 in appendix A–3 of 40 CFR part 60.</td>
<td>(A) Moisture content of the stack gas.</td>
<td>(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 (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.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>(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 formaldehyde.</td>
<td>(A) Total organic HAP (or, upon approval, TOC), or formaldehyde emissions.</td>
<td></td>
</tr>
</tbody>
</table>


## 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:

<table>
<thead>
<tr>
<th>For each . . .</th>
<th>For the following emission limit . . .</th>
<th>You have demonstrated initial compliance . . .</th>
</tr>
</thead>
<tbody>
<tr>
<td>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.</td>
<td>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.</td>
<td>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.</td>
</tr>
</tbody>
</table>