

Environmental Protection Agency

Pt. 63, Subpt. FFFF, Table 5

For each . . .	You must . . .
2. Process at a new source with uncontrolled emissions from process vents $\geq 150$ lb/yr of HAP metals.	Reduce overall emissions of HAP metals by $\geq 97$ percent by weight.

[68 FR 63888, Nov. 10, 2003, as amended at 71 FR 40340, July 14, 2006]

TABLE 4 TO SUBPART FFFF OF PART 63—EMISSION LIMITS FOR STORAGE TANKS

As required in §63.2470, you must meet each emission limit in the following table that applies to your storage tanks:

For each . . .	For which . . .	Then you must . . .
1. Group 1 storage tank ..	<p>a. The maximum true vapor pressure of total HAP at the storage temperature is <math>\geq 76.6</math> kilopascals.</p> <p>b. The maximum true vapor pressure of total HAP at the storage temperature is <math>&lt; 76.6</math> kilopascals.</p>	<p>i. Reduce total HAP emissions by <math>\geq 95</math> percent by weight or to <math>\leq 20</math> ppmv of TOC or organic HAP and <math>\leq 20</math> ppmv of hydrogen halide and halogen HAP by venting emissions through a closed vent system to any combination of control devices (excluding a flare); or</p> <p>ii. Reduce total organic HAP emissions by venting emissions through a closed vent system to a flare; or</p> <p>iii. Reduce total HAP emissions by venting emissions to a fuel gas system or process in accordance with §63.982(d) and the requirements referenced therein.</p> <p>i. Comply with the requirements of subpart WW of this part, except as specified in §63.2470; or</p> <p>ii. Reduce total HAP emissions by <math>\geq 95</math> percent by weight or to <math>\leq 20</math> ppmv of TOC or organic HAP and <math>\leq 20</math> ppmv of hydrogen halide and halogen HAP by venting emissions through a closed vent system to any combination of control devices (excluding a flare); or</p> <p>iii. Reduce total organic HAP emissions by venting emissions through a closed vent system to a flare; or</p> <p>iv. Reduce total HAP emissions by venting emissions to a fuel gas system or process in accordance with §63.982(d) and the requirements referenced therein.</p> <p>Meet one of the emission limit options specified in Item 2.a.i or ii. in Table 1 to this subpart.</p>
2. Halogenated vent stream from a Group 1 storage tank.	You use a combustion control device to control organic HAP emissions.	

[68 FR 63888, Nov. 10, 2003, as amended at 71 FR 40340, July 14, 2006]

TABLE 5 TO SUBPART FFFF OF PART 63—EMISSION LIMITS AND WORK PRACTICE STANDARDS FOR TRANSFER RACKS

As required in §63.2475, you must meet each emission limit and work practice standard in the following table that applies to your transfer racks:

For each . . .	You must . . .
1. Group 1 transfer rack .....	<p>a. Reduce emissions of total organic HAP by <math>\geq 98</math> percent by weight or to an outlet concentration <math>\leq 20</math> ppmv as organic HAP or TOC by venting emissions through a closed-vent system to any combination of control devices (except a flare); or</p> <p>b. Reduce emissions of total organic HAP by venting emissions through a closed-vent system to a flare; or</p> <p>c. Reduce emissions of total organic HAP by venting emissions to a fuel gas system or process in accordance with §63.982(d) and the requirements referenced therein; or</p> <p>d. Use a vapor balancing system designed and operated to collect organic HAP vapors displaced from tank trucks and railcars during loading and route the collected HAP vapors to the storage tank from which the liquid being loaded originated or to another storage tank connected by a common header.</p>
2. Halogenated Group 1 transfer rack vent stream for which you use a combustion device to control organic HAP emissions.	<p>a. Use a halogen reduction device after the combustion device to reduce emissions of hydrogen halide and halogen HAP by <math>\geq 99</math> percent by weight, to <math>\leq 0.45</math> kg/hr, or to <math>\leq 20</math> ppmv; or</p> <p>b. Use a halogen reduction device before the combustion device to reduce the halogen atom mass emission rate to <math>\leq 0.45</math> kg/hr or to a concentration <math>\leq 20</math> ppmv.</p>