

5.3 Tanks

5.3.1 Control Technologies Overview

The RCRA organic air emissions standards have two levels of control for emissions from tanks managing hazardous waste with organic concentration equal to or greater than 500 ppmw. These control levels are referred to as Tank Level 1 controls and Tank Level 2 controls. If a tank is required to used controls, the control level applicable to the tank is determined by the tank design capacity and the maximum organic vapor pressure of the material in the tank. The following capacity and vapor pressure limits are set forth in the Subpart CC rule at [40 CFR 265.1085\(b\)\(1\)](#).

Criteria for Tank Level 1 Controls

Tank Capacity		Maximum Vapor Pressure		
cubic meters	gallons, approximate	kiloPascals	mm Hg	psi
≥ 151	≥ 40,000	5.2	39	0.75
≥ 75 and ≤ 151	≥ 20,000 and < 40,000	27.6	207	4.0
< 75	<20,000	76.6	574	11.1

Reference: 40 CFR 264.1084(b)(1)(i)

Tanks which meet these capacity and vapor pressure criteria can use Tank Level 1 or Tank Level 2 controls [[40 CFR 265.1085\(b\)\(1\)](#)] provided that the waste in the tank is not heated such that the waste in the tank exceeds the maximum vapor pressure limits set forth above and provided that the waste in the tank is not treated by a waste stabilization process as defined in 40 CFR 265.1081.

If the waste in the tank does not meet these criteria the tank can only use Tank Level 2 controls. [Method 25E](#), found in 40 CFR Part 60, Appendix A, is one method used to determine the vapor pressure of waste managed in tanks. ASTM Method 2879-92, methods described in API Publication 2517, and methods obtained from standard reference texts are other ways to determine the vapor pressure in the tank.



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10/17/00 Federal Register Copy of the Amendments for Testing and Monitoring Provisions EXIT disclaimer http://www.access.gpo.gov/su_docs/fedreg/a001017c.html		
Response to Comments on "Amendments for Testing and Monitoring Provisions" Published in the FR 8/27/97.	02/06/2001	
Preamble to the Amendments for Testing and Monitoring Provisions.	4/2000	
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Method 1A - Small Ducts (Promulgated).	2/2000	
Method 2 - Velocity - S-type Pitot (Promulgated).	2/2000	







































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