

BAY AREA AIR QUALITY MANAGEMENT DISTRICT
Best Available Control Technology (BACT) Guideline

Source Category

Source:	Degreaser - Vapor, Open Top	Revision:	3
		Document #:	54.5
Class:	All	Date:	06/01/94

Determination

POLLUTANT	BACT 1. Technologically Feasible/ Cost Effective 2. Achieved in Practice	TYPICAL TECHNOLOGY
POC	1. Enclosed and vented to carbon adsorption system with VOC outlet concentration ≤ 6 ppmv ^{a,b,T} 2. Emissions ≤ 0.09 lb per square foot of exposed solvent area per hour of operation ^{a,b,c,T}	1. Compliance with BAAQMD Reg. 8, Rule 16 for all solvents and equipped w/ automatic hoist, freeboard ratio ≥ 1 , refrigerated freeboard chiller, and carbon adsorber ^{a,b,c,T} 2. Compliance with BAAQMD Reg. 8, Rule 16 for all solvents and equipped w/ cover designed to minimize disturbance of vapor zone by moving only in plane of degreaser opening, freeboard ratio ≥ 1 , and refrigerated freeboard chiller @ -10°F ^{a,b,c,T}
NO _x	1. n/a 2. n/a	1. n/a 2. n/a
SO ₂	1. n/a 2. n/a	1. n/a 2. n/a
CO	1. n/a 2. n/a	1. n/a 2. n/a
PM ₁₀	1. n/a 2. n/a	1. n/a 2. n/a
NPOC	1. Same as for POC above 2. Same as for POC above	1. Same as for POC above 2. Same as for POC above

References

- a. BAAQMD
 - b. BAAQMD A #5259, #388, & #11762
 - c. MACT Standard
- Note: Halogenated hazardous air pollutant (HAP) solvents must also meet the additional MACT requirements of an automated parts handling system (hoist) with speed ≤ 11 ft/min.

T. TBACT