

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

Source Category

Source:	Spray Booth - Coating of Misc. Metal parts and products	Revision:	1
		Document #:	161.5.1
Class:	<50 lb/day Emissions (uncontrolled)	Date:	12/16/03

Determination

POLLUTANT	BACT 1. Technologically Feasible/ Cost Effective 2. Achieved in Practice	TYPICAL TECHNOLOGY
POC	1. Coating w/ VOC content and transfer efficiency complying w/ Reg. 8, Rule 19, and emissions controlled to overall capture/ destruction efficiency $\geq 90\%$ ^{a,c} 2. Complying w/ Reg. 8, Rule 19 ^a	1. Collection System Vented to Carbon Adsorber or Afterburner ^{a,c} 2. Low VOC Coatings ^a
NO_x	1. n/a 2. n/a	1. n/a 2. n/a
SO₂	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
PM₁₀	1. n/d 2. n/s	1. n/d 2. Dry Filters or Waterwash, Properly Maintained ^a
NPOC	1. Coating w/ solvent content and transfer efficiency complying w/ Reg. 8, Rule 19, and emissions controlled to overall capture/ destruction efficiency $\geq 90\%$ ^{a,c} 2. Complying w/ Reg. 8, Rule 19 ^a	1. Collection System Vented to Carbon Adsorber ^{a,c} 2. Low Solvent Coatings ^a

References

a. BAAQMD
c. Generally considered to be cost-effective if uncontrolled emissions ≥ 50 lb/day