

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

Source Category

Source:	<i>Spray Booth - Coating of Aerospace Components</i>	Revision:	1
		Document #:	161.1.1
Class:	<i><25 lb/day Emissions (Uncontrolled)</i>	Date:	09/06/91

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 29, and emissions controlled to overall capture/ destruction efficiency $\geq 90\%$ ^{a,c} 2. Compliance w/ Reg. 8, Rule 29 ^a	1. Collection System Vented to Carbon Adsorber or Afterburner ^{a,c} 2. Low VOC Coating ^a
NOx	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/d 2. n/s	1. n/d 2. Dry Filters or Waterwash, Properly Maintained ^{a,b}
NPOC	1. Coating w/ solvent content and transfer efficiency complying w/ Reg. 8, Rule 29, and emissions controlled to overall capture/ destruction efficiency $\geq 90\%$ ^{a,c} 2. Compliance w /Reg 8, Rule 29 ^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 ≥ 25 lb/day