

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

Source Category

Source:	<i>Spray Booth - Coating of Misc. Plastic Parts and products</i>	Revision:	<i>1</i>
		Document #:	<i>161.6.1</i>
Class:	<i><50 lb/day Emissions (uncontrolled)</i>	Date:	<i>12/13/91</i>

Determination

POLLUTANT	BACT		TYPICAL TECHNOLOGY
	1. Technologically Feasible/ Cost Effective	2. Achieved in Practice	
POC	1. Coating w/ VOC content and transfer efficiency complying w/ Reg. 8, Rule 31, and emissions controlled to overall capture/ destruction efficiency $\geq 90\%$ ^{a,c}	2. Complying w/ Reg. 8, Rule 31, (Coating VOC content ≤ 3.8 lb/gal) ^a	1. Collection System Vented to Carbon Adsorber or Afterburner ^{a,c} 2. Low VOC Coatings ^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
NPOC	1. Coating w/ solvent content and transfer efficiency complying w/ Reg. 8, Rule 31, and emissions controlled to overall capture/ destruction efficiency $\geq 90\%$ ^{a,c}	2. Complying w/ Reg. 8, Rule 31 ^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