

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

Source Category

Source:	<i>Spray Booth - Coating of Motor Vehicle and Mobile Equipment, Rework or Bodyshop</i>	Revision:	2
		Document #:	161.3.1
Class:	<i><40 lb/day Emissions (Uncontrolled)</i>	Date:	12/16/91

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 45, and emissions controlled to overall capture/ destruction efficiency $\geq 90\%$ ^{a,b,T} 2. Compliance w/ Reg. 8, Rule 45 ^{a,T}	1. Collection System Vented to Carbon Adsorber System or thermal Oxidizer ^{a,b,T} 2. Complying Coatings and Coating Equipment (HVLP or Electrostatic or other BAAQMD approved applicator) ^{a,T}
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 45, and emissions controlled to overall capture/ destruction efficiency $\geq 90\%$ ^{a,b,T} 2. Compliance w/ Reg. 8, Rule 45 ^{a,T}	1. Collection System Vented to Carbon Adsorber System ^{a,T} 2. Complying Coatings and Coating Equipment (HVLP or Electrostatic or other BAAQMD approved applicator) ^{a,T}

References

a. BAAQMD
b. Generally considered to be cost-effective if uncontrolled emissions ≥ 40 lb/day
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