

**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 #:	161.3.2
Class:	<i>≥40 lb/day Emissions (Uncontrolled)</i>	Date:	05/05/95

Determination

POLLUTANT	BACT 1. Technologically Feasible/ Cost Effective 2. Achieved in Practice	TYPICAL TECHNOLOGY
POC	1. Coating w/ VOC content less than and transfer efficiency greater than that required by Reg. 8, Rule 45, and emissions controlled to overall capture/destruction efficiency $\geq 90\%$ ^{a,T} 2. Coating w/ VOC content and transfer efficiency complying w/ Reg. 8, Rule 45, and emission controlled to overall capture/destruction efficiency $\geq 90\%$ ^{a,b,T}	1. Collection System Vented to Carbon Adsorption System or thermal Oxidizer ^{a,T} 2. Collection System Vented to Carbon Adsorption System or thermal Oxidizer ^{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/ VOC content and transfer efficiency complying w/ Reg. 8, Rule 45, and emissions controlled to overall capture/destruction efficiency $\geq 90\%$ ^{a,T} 2. n/d	1. Collection System Vented to Carbon Adsorption System ^{a,T} 2. n/d

References

- a. BAAQMD
b. A/N 3856 (Note: POC BACT2 control is achieved in practice for auto coating, not for bus coating, 7/9/02 memo from B. Young to B. deBoisblanc).

T. TBACT