

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

Source Category

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|----------------|--|--------------------|----------|
| 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