

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

**Source Category**

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

**Determination**

<b>POLLUTANT</b>	<b>BACT</b> 1. Technologically Feasible/ Cost Effective 2. Achieved in Practice	<b>TYPICAL TECHNOLOGY</b>
<b>POC</b>	1. Coating w/ VOC content and transfer efficiency complying w/ Reg. 8, Rule 45, and emissions controlled to overall capture/ destruction efficiency $\geq 90\%$ <sup>a,b,T</sup> 2. Compliance w/ Reg. 8, Rule 45 <sup>a,T</sup>	1. Collection System Vented to Carbon Adsorber System or thermal Oxidizer <sup>a,b,T</sup> 2. Complying Coatings and Coating Equipment (HVLP or Electrostatic or other BAAQMD approved applicator) <sup>a,T</sup>
<b>NO<sub>x</sub></b>	1. n/a 2. n/a	1. n/a 2. n/a
<b>SO<sub>2</sub></b>	1. n/a 2. n/a	1. n/a 2. n/a
<b>CO</b>	1. n/a 2. n/a	1. n/a 2. n/a
<b>PM<sub>10</sub></b>	1. n/d 2. n/s	1. n/d 2. Dry Filters or Waterwash, Properly Maintained <sup>a</sup>
<b>NPOC</b>	1. Coating w/ solvent content and transfer efficiency complying w/ Reg. 8, Rule 45, and emissions controlled to overall capture/ destruction efficiency $\geq 90\%$ <sup>a,b,T</sup> 2. Compliance w/ Reg. 8, Rule 45 <sup>a,T</sup>	1. Collection System Vented to Carbon Adsorber System <sup>a,T</sup> 2. Complying Coatings and Coating Equipment (HVLP or Electrostatic or other BAAQMD approved applicator) <sup>a,T</sup>

**References**

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