

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

**Source Category**

<b>Source:</b>	<i>Spray Booth - Coating of Misc. Plastic Parts and Products</i>	<b>Revision:</b>	<i>1</i>
		<b>Document #:</b>	<i>161.6.2</i>
<b>Class:</b>	<i>≥50 lb/day Emissions (Uncontrolled)</i>	<b>Date:</b>	<i>12/16/91</i>

**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 less than and transfer efficiency greater than that required by Reg. 8, Rule 31, and emissions controlled to overall capture/ destruction efficiency $\geq 90\%^a$ 2. Coating w/ VOC content and transfer efficiency complying w/ Reg. 8, Rule 31, and emissions controlled to overall capture/ destruction efficiency $\geq 90\%^a$	1. Collection System Vented to Carbon Adsorber or Afterburner <sup>a</sup>  2. Collection System Vented to Carbon Adsorber or Afterburner <sup>a</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 less than and transfer efficiency greater than that required by Reg. 8, Rule 31, and emissions controlled to overall capture/ destruction efficiency $\geq 90\%^a$ 2. Coating w/ solvent content and transfer efficiency complying w/ Reg. 8, Rule 31, and emissions controlled to overall capture/ destruction efficiency $\geq 90\%^a$	1. Collection System Vented to Carbon Adsorber <sup>a</sup>  2. Collection System Vented to Carbon Adsorber <sup>a</sup>

## *References*

*a. BAAQMD*