

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

**Source Category**

Source:	<i>Spray Booth - Coating of Aerospace Components</i>	Revision:	<b>1</b>
		Document #:	<b>161.1.1</b>
Class:	<i>&lt;25 lb/day Emissions (Uncontrolled)</i>	Date:	<b>09/06/91</b>

**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 29, and emissions controlled to overall capture/ destruction efficiency $\geq 90\%$ <sup>a,c</sup> 2. Compliance w/ Reg. 8, Rule 29 <sup>a</sup>	1. Collection System Vented to Carbon Adsorber or Afterburner <sup>a,c</sup> 2. Low VOC Coating <sup>a</sup>
NOx	1. n/a 2. n/a	1. n/a 2. n/a
SO <sub>2</sub>	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
PM <sub>10</sub>	1. n/d 2. n/s	1. n/d 2. Dry Filters or Waterwash, Properly Maintained <sup>a,b</sup>
NPOC	1. Coating w/ solvent content and transfer efficiency complying w/ Reg. 8, Rule 29, and emissions controlled to overall capture/ destruction efficiency $\geq 90\%$ <sup>a,c</sup> 2. Compliance w /Reg 8, Rule 29 <sup>a</sup>	1. Collection system Vented to Carbon Adsorber <sup>a,c</sup> 2. Low Solvent Coatings <sup>a</sup>

**References**

- a. BAAQMD  
c. Generally considered to be cost-effective if uncontrolled emissions  $\geq 25$  lb/day