

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

**Source Category**

Source:	<i>Spray Booth - Coating of Aerospace Components</i>	Revision:	<i>1</i>
		Document #:	<i>161.1.2</i>
Class:	<i>≥25 lb/day emissions (Uncontrolled)</i>	Date:	<i>09/06/91</i>

**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 29, and emissions controlled to overall capture/destruction efficiency ≥90% <sup>a</sup> 2. Coating w/ VOC Content and transfer efficiency complying w/ Reg. 8, Rule 29, and emissions controlled to overall capture/ destruction efficiency ≥90%	1. Collection system Vented to Carbon Adsorber or Afterburner <sup>a</sup>  2. Collection system Vented to Carbon Adsorber or Afterburner <sup>a</sup>
NO <sub>x</sub>	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</sup>
NPOC	1. Coating w/ VOC content less than and transfer efficiency greater than that required by Reg. 8, Rule 29, and emissions controlled to overall capture/destruction efficiency ≥90% <sup>a</sup> 2. Coating w/ VOC solvent content and transfer efficiency complying w/ Reg. 8, Rule 29, and emissions controlled to overall capture/ destruction efficiency ≥90% <sup>a</sup>	1. Collection system Vented to Carbon Adsorber or Afterburner <sup>a</sup>  2. Collection system Vented to Carbon Adsorber or Afterburner <sup>a</sup>

## *References*

*a. BAAQMD*