

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

**Source Category**

Source:	<i>Polyester Resin Operations - Molding and Casting</i>	Revision:	<b>1</b>
		Document #:	<b>129.1.1</b>
Class:	<i>All</i>	Date:	<b>10/25/91</b>

**Determination**

POLLUTANT	BACT 1. Technologically Feasible/ Cost Effective 2. Achieved in Practice	TYPICAL TECHNOLOGY
POC	1. Enclosure of operation and vent to an afterburner ( $\geq 0.3$ sec. retention time at $\geq 1400^{\circ}F$ ) or an activated carbon adsorption system ( $\leq 6$ ppm at outlet) <sup>b,c</sup> 2. Compliance w/ BAAQMD Reg. 8, Rule 50 and use of aqueous emulsion cleaner instead of acetone for clean-up to maximum extent possible <sup>b</sup>	1. BAAQMD Approved Design and Operation <sup>b</sup> 2. BAAQMD Approved Design and Operation <sup>b</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/a 2. n/a	1. n/a 2. n/a
NPOC	1. n/a 2. n/a	1. n/a 2. n/a

**References**

*b. BAAQMD*  
*c. Afterburner not appropriate with halogenated hydrocarbons*