

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

**Source Category**

<b>Source:</b>	<i>Semiconductor Fabrication - Siliconizing Reactors, Furnace Chambers, and Chemical Vapor eposition Reactors</i>	<b>Revision:</b>	<i>1</i>
		<b>Document #:</b>	<i>149A.3.1</i>
<b>Class:</b>	<i>All</i>	<b>Date:</b>	<i>01/10/92</i>

**Determination**

POLLUTANT	BACT		TYPICAL TECHNOLOGY
	1. Technologically Feasible/ Cost Effective 2. Achieved in Practice		
POC	1. <i>n/a</i> 2. <i>n/a</i>		1. <i>n/a</i> 2. <i>n/a</i>
NO <sub>x</sub>	1. <i>n/a</i> 2. <i>n/a</i>		1. <i>n/a</i> 2. <i>n/a</i>
SO <sub>2</sub>	1. <i>n/a</i> 2. <i>n/a</i>		1. <i>n/a</i> 2. <i>n/a</i>
CO	1. <i>n/a</i> 2. <i>n/a</i>		1. <i>n/a</i> 2. <i>n/a</i>
PM <sub>10</sub>	1. <i>n/d</i> 2. <i>Exhaust vented to combustion chamber followed by wet scrubber w/ particulate control efficiency ≥99%</i>		1. <i>n/a</i> 2. <i>BAAQMD Approved Design and Operation<sup>a</sup></i>
NPOC	1. <i>n/a</i> 2. <i>n/a</i>		1. <i>n/a</i> 2. <i>n/a</i>

**References**

<i>a. BAAQMD</i>
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