

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

**Source Category**

<b>Source:</b>	<i>Chrome Plating - Hard Chrome</i>	<b>Revision:</b>	<b>1</b>
		<b>Document #:</b>	<b>43.3</b>
<b>Class:</b>	<i>Rectifier throughput 6,053,333 to 151,333,333<sup>amp-hr</sup>/yr</i>	<b>Date:</b>	<b>09/18/91</b>

**Determination**

<b>POLLUTANT</b>	<b>BACT</b> 1. Technologically Feasible/ Cost Effective 2. Achieved in Practice	<b>TYPICAL TECHNOLOGY</b>
<b>POC</b>	1. <i>n/a</i> 2. <i>n/a</i>	1. <i>n/a</i> 2. <i>n/a</i>
<b>NOx</b>	1. <i>n/a</i> 2. <i>n/a</i>	1. <i>n/a</i> 2. <i>n/a</i>
<b>SO<sub>2</sub></b>	1. <i>n/a</i> 2. <i>n/a</i>	1. <i>n/a</i> 2. <i>n/a</i>
<b>CO</b>	1. <i>n/a</i> 2. <i>n/a</i>	1. <i>n/a</i> 2. <i>n/a</i>
<b>PM<sub>10</sub></b>	1. <i>Emission factor <math>\leq 0.03^{mg}/_{amp-hr}^a</math></i> 2. <i>n/s</i>	1. <i>Capture enclosure followed by moderate pressure drop (2``- 5`` WC) abatement equipment -- could include packed scrubber, mist eliminator, or similar particulate removal system<sup>a</sup></i> 2. <i>Mist suppressant and/or floating plastic balls (or equivalent) followed by chevron blade mist eliminator, wet scrubber, or other moderate pressure drop (2``- 5`` WC) particulate removal device<sup>a</sup></i>
<b>NPOC</b>	1. <i>n/a</i> 2. <i>n/a</i>	1. <i>n/a</i> 2. <i>n/a</i>

**References**

*a. BAAQMD Toxics Section*