

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

**Source Category**

<b>Source:</b>	<i>Magnetic Media Manufacturing - Disc Coating, Oxide</i>	<b>Revision:</b>	<i>1</i>
		<b>Document #:</b>	<i>111.1.2</i>
<b>Class:</b>	<i>≥15 lb/day Emissions (Uncontrolled)</i>	<b>Date:</b>	<i>11/18/91</i>

**Determination**

<b>POLLUTANT</b>	<b>BACT</b> 1. Technologically Feasible/ Cost Effective 2. Achieved in Practice	<b>TYPICAL TECHNOLOGY</b>
<b>POC</b>	1. No VOC emissions by disc coating w/ plated or sputered coating <sup>a</sup> 2. Enclosure of coating operation, and vent to abatement system w/ overall capture/destruction efficiency >90% <sup>a</sup>	1. Plated or Sputtered Coating <sup>a</sup> 2. Collection System Vented to Afterburner or Carbon Adsorption System <sup>a</sup>
<b>NOx</b>	1. n/a 2. n/a	1. n/a 2. n/a
<b>SO<sub>2</sub></b>	1. n/a 2. n/a	1. n/a 2. n/a
<b>CO</b>	1. n/a 2. n/a	1. n/a 2. n/a
<b>PM<sub>10</sub></b>	1. n/a 2. n/a	1. n/a 2. n/a
<b>NPOC</b>	1. n/d 2. Enclosure of coating operation, and vent to abatement system w/ overall capture/destruction efficiency ≥90% <sup>a</sup>	1. n/d 2. Collection System Vented to Carbon Adsorption System <sup>a</sup>

**References**

*a. BAAQMD*