

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

**Source Category**

<b>Source:</b>	<i>Flare - Digester Gas or Landfill Gas from Non-Hazardous Waste landfill</i>	<b>Revision:</b>	<i>1</i>
		<b>Document #:</b>	<i>80.1</i>
<b>Class:</b>	<i>All</i>	<b>Date:</b>	<i>12/16/91</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. <i>n/d</i> 2. <i>Ground level, enclosed, ≥0.6 sec. retention time at ≥1400°F, auto combustion air control, automatic shutoff gas valve and automatic re-start system<sup>b</sup></i>	1. <i>n/d</i> 2. <i>BAAQMD Approved Design and Operation<sup>b</sup></i>
<b>NO<sub>x</sub></b>	1. <i>≤0.06 lb/MMBtu</i> 2. <i>0.06 lb/MMBtu</i>	1. <i>n/s</i> 2. <i>n/s</i>
<b>SO<sub>2</sub></b>	1. <i>Scrubbing and/or carbon adsorption for hydrogen sulfide removal<sup>c</sup></i> 2. <i>n/d</i>	1. <i>BAAQMD Approved Design and Operation<sup>b</sup></i> 2. <i>n/d</i>
<b>CO</b>	1. <i>n/d</i> 2. <i>Same as for POC above<sup>b</sup></i>	1. <i>n/a</i> 2. <i>BAAQMD Approved Design and Operation<sup>b</sup></i>
<b>PM<sub>10</sub></b>	1. <i>n/s</i> 2. <i>n/s</i>	1. <i>Fuel Gas Filter</i> 2. <i>Knockout Vessel</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**

*b. BAAQMD*  
*c. CARB/CAPCOA Clearinghouse*