

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

Source Category

Source:	<i>Flare - Digester Gas or Landfill Gas from Non-Hazardous Waste landfill</i>	Revision:	<i>1</i>
		Document #:	<i>80.1</i>
Class:	<i>All</i>	Date:	<i>12/16/91</i>

Determination

POLLUTANT	BACT 1. Technologically Feasible/ Cost Effective 2. Achieved in Practice	TYPICAL TECHNOLOGY
POC	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^b</i>	1. <i>n/d</i> 2. <i>BAAQMD Approved Design and Operation^b</i>
NO_x	1. <i>≤0.06 lb/MMBtu</i> 2. <i>0.06 lb/MMBtu</i>	1. <i>n/s</i> 2. <i>n/s</i>
SO₂	1. <i>Scrubbing and/or carbon adsorption for hydrogen sulfide removal^c</i> 2. <i>n/d</i>	1. <i>BAAQMD Approved Design and Operation^b</i> 2. <i>n/d</i>
CO	1. <i>n/d</i> 2. <i>Same as for POC above^b</i>	1. <i>n/a</i> 2. <i>BAAQMD Approved Design and Operation^b</i>
PM₁₀	1. <i>n/s</i> 2. <i>n/s</i>	1. <i>Fuel Gas Filter</i> 2. <i>Knockout Vessel</i>
NPOC	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