

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

Source Category

Source:	<i>Incinerator - Non-Infectious Waste</i>	Revision:	<i>1</i>
		Document #:	<i>95.5.1</i>
Class:	<i>≥ 750 lb/hr</i>	Date:	<i>10/25/91</i>

Determination

POLLUTANT	BACT 1. Technologically Feasible/ Cost Effective 2. Achieved in Practice	TYPICAL TECHNOLOGY
POC	1. <i>n/d</i> 2. <i>Multiple chamber, starved air design (≥0.5 sec. retention time at ≥1800^oF)^a</i>	1. <i>n/d</i> 2. <i>BAAQMD Approved Design and Operation^b</i>
NO _x	1. <i>n/s</i> 2. <i>n/s</i>	1. <i>Natural Gas as Auxiliary Fuel with Selective Catalytic Reduction^{a,b}</i> 2. <i>Natural Gas as Auxiliary Fuel^a</i>
SO ₂	1. <i>n/s</i> 2. <i>n/s</i>	1. <i>Natural Gas as Auxiliary Fuel with Dry Scrubber and Baghouse^a</i> 2. <i>Natural Gas as Auxiliary Fuel with Wet Scrubber^a</i>
CO	1. <i>n/d</i> 2. <i>Multiple chamber, starved air design (≥0.5 sec. retention time at ≥1800^oF)^a</i>	1. <i>n/d</i> 2. <i>BAAQMD Approved Design and Operation^b</i>
PM ₁₀	1. <i>≤0.002 gr/dscf @ 12% CO₂ with enclosed automatic feed and ash removal system^a</i> 2. <i>≤0.04 gr/dscf @ 12% CO₂ with enclosed automatic feed and ash removal system^a</i>	1. <i>BAAQMD Approved Design and Operation^b</i> 2. <i>BAAQMD Approved Design and Operation^b</i>
NPOC	1. <i>n/a</i> 2. <i>n/a</i>	1. <i>n/a</i> 2. <i>n/a</i>

References

- a. SCAQMD Guideline*
b. BAAQMD