

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

Source Category

Source: <i>Incinerator - Infectious Waste</i>	Revision: <i>1</i>
	Document #: <i>95.2.1</i>
Class: <i>≥ 300 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. n/d 2. Multiple chamber, starved air design (≥ 0.5 sec. retention time at $\geq 1800^{\circ}F$) ^a	1. n/d 2. BAAQMD Approved Design and Operation ^b
NOx	1. n/s 2. n/s	1. Natural Gas as Auxiliary Fuel with Selective Catalytic Reduction ^{a,b} 2. Natural Gas as Auxiliary Fuel ^a
SO₂	1. n/s 2. n/s	1. Natural Gas as Auxiliary Fuel with Dry Scrubber and Baghouse ^a 2. Natural Gas as Auxiliary Fuel with Wet Scrubber ^a
CO	1. n/d 2. Multiple chamber, starved air design (≥ 0.5 sec. retention time at $\geq 1800^{\circ}F$) ^a	1. n/d 2. BAAQMD Approved Design and Operation ^b
PM₁₀	1. ≤ 0.002 gr/dscf @ 12% CO ₂ with enclosed automatic feed and ash removal sytem ^a 2. ≤ 0.04 gr/dscf @ 12% CO ₂ with enclosed automatic feed and ash removal sytem ^a	1. BAAQMD Approved Design and Operation ^b 2. BAAQMD Approved Design and Operation ^b
NPOC	1. n/a 2. n/a	1. n/a 2. n/a

References

- a. SCAQMD Guideline
b. BAAQMD