

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

Source Category

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

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 ≥1800 ^o F) ^a	1. n/d 2. BAAQMD Approved Design and Operation ^b
NO _x	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
SO ₂	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 ≥1800 ^o F) ^a	1. n/d 2. BAAQMD Approved Design and Operation ^b
PM ₁₀	1. ≤0.002 gr/dscf @ 12% CO ₂ with enclosed automatic feed and ash removal system ^a 2. ≤0.04 gr/dscf @ 12% CO ₂ with enclosed automatic feed and ash removal system ^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