

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

Source Category

Source:	Smokehouse	Revision:	1
		Document #:	151.1
Class:	All	Date:	09/13/91

Determination

POLLUTANT	BACT 1. Technologically Feasible/ Cost Effective 2. Achieved in Practice	TYPICAL TECHNOLOGY
POC	1. Afterburner w/ ≥ 0.3 sec. retention time at $\geq 1400^{\circ}F^a$ 2. Afterburner w/ ≥ 0.3 sec. retention time at $\geq 1200^{\circ}F^a$	1. BAAQMD Approved Design and Operation ^b 2. BAAQMD Approved Design and Operation ^b
NOx	1. n/s 2. n/s	1. Steam Heated Smokehouse and Electrically Heated Smoke Generator ^{a,b} 2. Natural Gas Fired smokehouse and Smoke Generator ^{a,b}
SO ₂	1. n/a 2. n/a	1. n/a 2. n/a
CO	1. Afterburner w/ ≥ 0.3 sec. retention time at $\geq 1400^{\circ}F^a$ 2. Afterburner w/ ≥ 0.3 sec. retention time at $\geq 1200^{\circ}F^a$	1. BAAQMD Approved Design and Operation ^b 2. BAAQMD Approved Design and Operation ^b
PM ₁₀	1. Afterburner w/ ≥ 0.3 sec. retention time at $\geq 1400^{\circ}F^a$ 2. Afterburner w/ ≥ 0.3 sec. retention time at $\geq 1200^{\circ}F^a$	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