

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

Source Category

Source:	Steam generator - Oil field	Revision:	3
		Document #:	162.2.1
Class:	≥33.5 MMBtu/hr to <50 MMBtu/hr Heat Input	Date:	08/12/94

Determination

POLLUTANT	BACT		TYPICAL TECHNOLOGY
	1. Technologically Feasible/ Cost Effective	2. Achieved in Practice	
POC	1. n/d 2. n/s		1. n/d 2. Good Combustion Practice ^a
NO _x	1. 20 ppmv @ 3% O ₂ Dry ^a 2. 25 ppmv @ 3% O ₂ Dry ^a		1. Low NO _x Burners + Flue Gas Recirculation ^a 2. Low NO _x Burners + Flue Gas Recirculation ^{a,b,c}
SO ₂	1. n/d 2. Natural gas fuel or treated refinery gas w/ <100 ppmv total reduced sulfur ^a		1. n/d 2. Fuel Selection ^a
CO	1. n/d 2. 100 ppmv @ 3% O ₂ Dry ^a		1. n/d 2. Good Combustion Practice ^a
PM ₁₀	1. n/d 2. Natural gas fuel or treated refinery gas fuel ^a		1. n/d 2. Fuel Selection ^a
NPOC	1. n/a 2. n/a		1. n/a 2. n/a

References

- a. BAAQMD
- b. Luz solar Project, CA
- c. CARB/CAPCOA Clearinghouse