

**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 <sup>a</sup>
NO <sub>x</sub>	1. 20 ppmv @ 3% O <sub>2</sub> Dry <sup>a</sup> 2. 25 ppmv @ 3% O <sub>2</sub> Dry <sup>a</sup>		1. Low NO <sub>x</sub> Burners + Flue Gas Recirculation <sup>a</sup> 2. Low NO <sub>x</sub> Burners + Flue Gas Recirculation <sup>a,b,c</sup>
SO <sub>2</sub>	1. n/d 2. Natural gas fuel or treated refinery gas w/ <100 ppmv total reduced sulfur <sup>a</sup>		1. n/d 2. Fuel Selection <sup>a</sup>
CO	1. n/d 2. 100 ppmv @ 3% O <sub>2</sub> Dry <sup>a</sup>		1. n/d 2. Good Combustion Practice <sup>a</sup>
PM <sub>10</sub>	1. n/d 2. Natural gas fuel or treated refinery gas fuel <sup>a</sup>		1. n/d 2. Fuel Selection <sup>a</sup>
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