

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

**Source Category**

Source:	<i>Boiler - Wood Fired</i>	Revision:	<i>1</i>
		Document #:	<i>17.9.1</i>
Class:	<i>All</i>	Date:	<i>08/05/91</i>

**Determination**

POLLUTANT	BACT 1. Technologically Feasible/ Cost Effective 2. Achieved in Practice	TYPICAL TECHNOLOGY
POC	1. <i>n/d</i> 2. <i>0.027 lb/MMBtu<sup>a</sup></i>	1. <i>n/d</i> 2. <i>Good Combustion Practice<sup>a</sup></i>
NO <sub>x</sub>	1. <i>n/s</i> 2. <i>0.08 lb/MMbtu<sup>a</sup></i>	1. <i>SCR + Combustion Modifications</i> 2. <i>Selective Non-Catalytic Reduction (Ammonia Injection)<sup>a</sup></i>
SO <sub>2</sub>	1. <i>n/s</i> 2. <i>0.027 lb/MMBtu<sup>a</sup></i>	1. <i>Dry Scrubber with Baghouse</i> 2. <i>Limestone Injection with Baghouse<sup>a</sup></i>
CO	1. <i>n/s</i> 2. <i>0.038 lb/MMBtu<sup>a</sup></i>	1. <i>Catalytic Oxidation</i> 2. <i>Good Combustion Practice<sup>a</sup></i>
PM <sub>10</sub>	1. <i>≤0.002 gr/dscf @ 12% CO<sub>2</sub></i> 2. <i>≤0.01 gr/dscf<sup>a</sup></i>	1. <i>Multiclone and Baghouse<sup>c</sup></i> 2. <i>Multiclone and Baghouse<sup>a</sup></i>
NPOC	1. <i>n/a</i> 2. <i>n/a</i>	1. <i>n/a</i> 2. <i>n/a</i>

**References**

*a. CARB/CAPCOA Clearinghouse*

*c. BAAQMD*