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

Source Category

Source:	***Boiler - Municipal Refuse Fired***	Revision:	***1***
		Document #:	***17.8.1***
Class:	***All***	Date:	***08/05/91***

Determination

POLLUTANT	BACT 1. Technologically Feasible/ Cost Effective 2. Achieved in Practice	TYPICAL TECHNOLOGY
POC	1. *n/d* 2. *50 ppm @ 12% CO_2*[a]	1. *n/d* 2. *Boiler Design (Overfire Air Jets) + Automatic Combustion Air Control*
NOx	1. *n/s* 2. *200 ppm @ 12% CO_2*[a]	1. *SCR + Staged Combustion and Automatic Combustion Air Control + Natural Gas as Auxiliary Fuel* *2. Flue Gas Recirculation + Combustion Modification*[a]
SO_2	1. *n/d* 2. *30 ppm @ 12% CO_2*[a]	1. *n/d* 2. *Dry Scrubber with Baghouse + Natural Gas as Auxiliary Fuel*[a]
CO	1. *n/d* 2. *100 ppm @ 12% CO_2*[a]	1. *Catalytic Oxidation* 2. *Boiler Design (Overfire Air Jets) + Automatic Combustion Air Control*
PM_{10}	1. *$\leq$0.002 gr/dscf @ 12% CO_2* 2. *$\leq$0.005 gr/dscf @ 12% CO_2*	1. *Baghouse and Natural Gas as auxiliary Fuel* 2. *Baghouse and Natural Gas as auxiliary Fuel*
NPOC	1. *n/a* 2. *n/a*	1. *n/a* 2. *n/a*

References

a. CARB/CAPCOA Clearinghouse