

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

Source Category

Source:	<i>Catalyst Regeneration - Fluidized Catalytic Cracking Unit</i>	Revision:	1
		Document #:	38.1
Class:	<i>All</i>	Date:	08/05/91

Determination

POLLUTANT	BACT 1. Technologically Feasible/ Cost Effective 2. Achieved in Practice	TYPICAL TECHNOLOGY
POC	1. n/d 2. Waste heat boiler w/ ≥ 0.5 sec. retention time at $\geq 1600^{\circ}\text{F}^a$	1. n/d 2. BAAQMD Approved Design and Operation ^a
NO _x	1. n/d 2. n/d ^b	1. n/d 2. n/d ^b
SO ₂	1. n/d 2. n/s ^b	1. n/d 2. FCCU Feed Desulfurization (Feed Hydrotreater) or DE-SO _x Catalyst (Additive to FCCU Catalyst) ^b
CO	1. n/d 2. Waste heat boiler w/ ≥ 0.5 sec. retention time at $\geq 1600^{\circ}\text{F}^a$	1. n/a 2. BAAQMD Approved Design and Operation ^a
PM ₁₀	1. n/d 2. n/s	1. n/d 2. Multicyclone and Electrostatic Precipitator ^a
NPOC	1. n/a 2. n/a	1. n/a 2. n/a

References

- a. BAAQMD
b. See also Boiler, CO - Refinery