

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

Source Category

Source:	Compressors	Revision:	4
		Document #:	48B.1
Class:	All	Date:	01/18/06

Determination

POLLUTANT	BACT 1. Technologically Feasible/ Cost Effective 2. Achieved in Practice	TYPICAL TECHNOLOGY
POC	1. 100 ppm expressed as methane measured using EPA Reference Method 21 ^{a,T} 2. 500 ppm expressed as methane measured using EPA Reference Method 21 ^{a,T}	1. Double Mechanical Seals w/ Barrier Fluid; or Gas Seal System Vented to a Thermal Oxidizer or Other BAAQMD Approved Control Device; all w/ BAAQMD Approved Quarterly Inspection and Maintenance Program ^{a,b,T} 2. Double Mechanical Seals w/ Barrier Fluid, and BAAQMD Approved Quarterly Inspection and Maintenance Program ^{a,b,T}
NO _x	1. n/a 2. n/a	1. n/a 2. n/a
SO ₂	1. n/a 2. n/a	1. n/a 2. n/a
CO	1. n/a 2. n/a	1. n/a 2. n/a
PM ₁₀	1. n/a 2. n/a	1. n/a 2. n/a
NPOC	1. 100 ppm expressed as methane measured using EPA Reference Method 21 ^{a,T} 2. 500 ppm expressed as methane measured using EPA Reference Method 21 ^{a,T}	1. Double Mechanical Seals w/ Barrier Fluid; or Gas Seal System Vented to BAAQMD Approved Control Device; all w/ BAAQMD Approved Quarterly Inspection and Maintenance Program ^{a,b,T} 2. Double Mechanical Seals w/ Barrier Fluid, and BAAQMD Approved Quarterly Inspection and Maintenance Program ^{a,b,T}

References

a. BAAQMD

b. EPA NSPS: 40 CFR 60 Subpart GGG (Petroleum Refineries) and 40 CFR 60 Subpart VV (Chemical Plants)

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