

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 73617

This table lists the maximum allowable emission rates and all sources of air contaminants on the applicant's property covered by this permit. The emission rates shown are those derived from information submitted as part of the application for permit and are the maximum rates allowed for these facilities. Any proposed increase in emission rates may require an application for a modification of the facilities covered by this permit.

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
Effective prior to September 1, 2009				
Vent	CO ₂ Vent	VOC	3,771	16,517
		H ₂ S	65.3	285.9
Effective September 1, 2009				
Vent	CO ₂ Vent	VOC	3,582	1,026
		H ₂ S	7.20	2.1
AV-1	Atmospheric Vent	VOC	188.3	826
		H ₂ S	0.38	1.7
T/O A	Thermal Oxidizer A	VOC	22.7	99.3
		H ₂ S	0.87	3.8
		NO _x	1.35	5.9
		CO	2.25	9.9
		PM ₁₀	1.72	7.6
		SO ₂	0.91	4.0
T/O B	Thermal Oxidizer B	VOC	22.7	99.4
		H ₂ S	0.87	3.8
		NO _x	7.35	32.2
		CO	10.5	45.9
		PM ₁₀	1.70	7.5
		SO ₂	0.96	4.2
EMISSION CAP	EMISSION CAP (4)	VOC	3,771	1,080

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- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
H₂S - hydrogen sulfide
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
PM₁₀ - particulate matter equal to or less than 10 microns in diameter
CO - carbon monoxide
- (4) The EPNs VENT, AV-1, T/O A, and T/O B are subject to the emission cap. The tons per year emission rate limitations shall be based on a starting month of September 1, 2009, for purposes of the rolling 12-month period.

* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

___ Hrs/day ___ Days/week ___ Weeks/year or 8,760 Hrs/year

** Compliance with annual emission limits is based on a rolling 12-month period.

Dated August 6, 2009