

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Numbers 76079/PSD-TX-211

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**
C-11	1,000-hp Compressor Engine	VOC	0.44	1.9
		NO _x (5)	31.50	138.0
		SO ₂ <0.01	0.02	
		CO 2.21	9.7	
		PM ₁₀ 0.15	0.64	
C-12	1,000-hp Compressor Engine	VOC	0.44	1.9
		NO _x (5)	31.50	138.0
		SO ₂ <0.01	0.02	
		CO 2.21	9.7	
		PM ₁₀ 0.15	0.64	
C-13	1,000-hp Compressor Engine	VOC	0.44	1.9
		NO _x (5)	31.50	138.0
		SO ₂ <0.01	0.02	
		CO 2.21	9.7	
		PM ₁₀ 0.15	0.64	
EG-2	Backup Generator	NO _x	7.01	1.8
		CO 1.51	0.38	
		VOC 0.57	0.14	
		SO ₂ 0.46	0.12	
		PM ₁₀ 0.50	0.12	
FUG-1	Fugitive Piping Components (4)	VOC	0.76	3.3
FUG-3	Unpaved Roads (4)	PM ₁₀	1.72	7.5
<u>Start-up, Shutdown, and Maintenance</u>				
V-2	Engine Blowdown Stack	VOC	0.69	3.0

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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. For fugitive sources, use an area name or fugitive source name.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
PM₁₀ - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.
CO - carbon monoxide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Reviewed under PSD Permit Number PSD-TX-211

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

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

____Hrs/day __Days/week __Weeks/year or 8,760 Hrs/year

Dated December 14, 2005