

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 18643

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 **
16SGTB-1	Compressor Engine 2,650-hp White Superior	CO	9.35	40.94
		NO _x	8.76	38.38
		PM ₁₀	0.19	0.82
		SO ₂	0.01	0.05
		VOC	0.18	0.77
16SGTB-2	Compressor Engine 2,650-hp White Superior	CO	9.35	40.94
		NO _x	8.76	38.38
		PM ₁₀	0.19	0.82
		SO ₂	0.01	0.05
		VOC	0.18	0.77
16SGTB-3	Compressor Engine 2,650-hp White Superior	CO	9.35	40.94
		NO _x	8.76	38.38
		PM ₁₀	0.19	0.82
		SO ₂	0.01	0.05
		VOC	0.18	0.77
16SGTB-4	Compressor Engine 2,650-hp White Superior	CO	9.35	40.94
		NO _x	8.76	38.38
		PM ₁₀	0.19	0.82
		SO ₂	0.01	0.05
		VOC	0.18	0.77
CATG3516	Compressor Engine 1,085-hp Caterpillar G3516LE	CO	3.56	15.61
		NO _x	4.78	20.95
		PM ₁₀	0.08	0.35
		SO ₂	0.01	0.02
		VOC	0.36	1.57

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			lb/hr	TPY **
CAT3516-2	Compressor Engine 1,085-hp Caterpillar G3516LE	CO	3.56	15.61
		NO _x	4.78	20.95
		PM ₁₀	0.08	0.35
		SO ₂	0.01	0.02
		VOC	0.36	1.57
CATG3512	Compressor Engine 810-hp Caterpillar G3512LE	CO	2.75	12.05
		NO _x	3.57	15.64
		PM ₁₀	0.06	0.27
		SO ₂	0.01	0.02
		VOC	0.27	1.17
FLARE	Flare - Pilot Fuel Only	CO	0.18	0.80
		NO _x	0.09	0.40
		SO ₂	0.01	0.01
		VOC	0.15	0.66
H-501	Regenerator Heater 10.09 MMBtu/hr fired duty	CO	0.85	3.71
		NO _x	1.01	4.42
		PM ₁₀	0.08	0.34
		SO ₂	0.01	0.03
		VOC	0.06	0.24
H-502	Regenerator Heater 10.75 MMBtu/hr fired duty	CO	0.90	0.40
		NO _x	1.08	0.47
		PM ₁₀	0.08	0.04
		SO ₂	0.01	0.01
		VOC	0.06	0.03
LOAD-1	Loading Rack Losses	VOC	29.61	6.17

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY **
TANK-4	Storage Tank	VOC	0.01	0.01
TANK-5	Storage Tank	VOC	0.01	0.01
TANK-6	Storage Tank	VOC	0.01	0.01
TANK-7	Storage Tank	VOC	0.01	0.01
TANK-8	Storage Tank	VOC	0.01	0.01
TANK-9	Storage Tank	VOC	0.01	0.01
TANK-10	Storage Tank	VOC	0.02	0.05
TANK-11	Storage Tank	VOC	0.02	0.05
TANK-12	Storage Tank	VOC	0.01	0.01
TANK-13	Storage Tank	VOC	0.01	0.01
TANK-14	Storage Tank	VOC	0.01	0.01
FUGITIVE1	Process Fugitives (4)	VOC	2.38	10.40
FUGITIVE2	Process Fugitives (4)	VOC	0.90	3.94

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- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources use area name or fugitive source name.
- (3) CO - carbon monoxide
NO_x - total oxides of nitrogen
PM₁₀ - particulate matter (PM) equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.
SO₂ - sulfur dioxide
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

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

24 Hrs/day 7 Days/week 52 Weeks/year

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

Dated November 12, 2007