

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 20137

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 **
AGF1	Acid Gas Flare Pilot	CO	0.10	0.44
		NO _x	0.01	0.04
		SO ₂	0.01	0.01
		VOC	0.04	0.16
CM5	Ingersoll Rand SVG-12 Engine (660 horsepower [hp])	CO	2.91	12.70
		NO _x	2.91	12.70
		PM ₁₀	0.13	0.56
		SO ₂	0.02	0.07
		VOC	0.73	3.18
CM16	Waukesha L7042 Engine (1,000 hp)	CO	4.41	19.30
		NO _x	4.41	19.30
		PM ₁₀	0.10	0.44
		SO ₂	0.03	0.11
		VOC	1.10	4.82
CM30	Waukesha L5790G Engine (5) (723 hp)	CO	3.19	13.96
		NO _x	3.19	13.96
		PM ₁₀	0.10	0.45
		SO ₂	0.01	0.02
		VOC	0.10	0.42
CM31	Waukesha L7042GSI Engine (5) (1,232 hp)	CO	5.43	23.79
		NO _x	4.07	17.84
		PM ₁₀	0.24	1.05
		SO ₂	0.01	0.04
		VOC	0.46	2.02
CM32	Waukesha L7042GSI Engine (5) (1,232 hp)	CO	5.43	23.79
		NO _x	4.07	17.84
		PM ₁₀	0.24	1.05
		SO ₂	0.01	0.04
		VOC	0.46	2.02

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	AIR CONTAMINANTS DATA	
			Emission Rates *	
			lb/hr	TPY **
F2	Flare Pilot Fuel Only	CO	0.05	0.22
		NO _x	0.01	0.04
		SO ₂	0.01	0.01
		VOC	0.04	0.16
GE-7	Generator Engine	CO	2.25	9.84
		NO _x	1.80	7.87
		PM ₁₀	0.08	0.35
		SO ₂	0.01	0.01
		VOC	0.45	1.97
GE-8	Generator Engine	CO	2.25	9.84
		NO _x	1.80	7.87
		PM ₁₀	0.08	0.35
		SO ₂	0.01	0.01
		VOC	0.45	1.97
INC-1	Tail Gas Incinerator	CO	0.45	1.97
		H ₂ S	0.08	0.33
		NO _x	1.90	8.32
		SO ₂	74.50	326.00
SSV	Sulfur Storage Vent	H ₂ S	0.03	0.13
FUG-CM30	Process Fugitives (4) (5)	H ₂ S	0.01	0.01
		VOC	0.21	0.92
FCM31CM32	Process Fugitives (4) (5)	H ₂ S	0.01	0.02
		VOC	0.25	1.10
TPF-1	Fugitives (4)	VOC	0.01	0.04

(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.

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

- (3) CO - carbon monoxide
H₂S - hydrogen sulfide
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.
- (5) Reference only. Each EPN continues to be authorized under Permit by Rule Registration No. 47146.

* 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 March 23, 2010