

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 8816

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)	<u>Emission Rates *</u>	
			lb/hr	TPY**
01	White 8G-825 No. 4 Engine (Catalytic Converter)	CO	3.53	8.59
		NO _x	3.53	8.59
		PM ₁₀	0.13	0.58
		SO ₂	0.01	0.02
		VOC	0.25	0.60
02	White 8G-825 No. 5 Engine (Catalytic Converter)	CO	2.91	7.09
		NO _x	2.91	7.09
		PM ₁₀	0.11	0.48
		SO ₂	0.01	0.02
		VOC	0.20	0.49
04	White 6G-510 No. 1 Engine (Catalytic Converter)	CO	1.54	4.63
		NO _x	1.54	4.63
		PM ₁₀	0.06	0.25
		SO ₂	0.01	0.01
		VOC	0.11	0.32
05	White 6G-510 No. 2 Engine	CO	6.65	9.99
		NO _x	7.70	11.56
		PM ₁₀	0.06	0.25
		SO ₂	0.01	0.01
		VOC	0.09	0.13
06	Waukesha 1197-1 Engine	CO	4.74	20.77
		NO _x	2.89	12.68
		PM ₁₀	0.02	0.11
		SO ₂	0.01	0.01
		VOC	0.04	0.17

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
07	Waukesha 1197-2 Engine	CO	4.74	20.77
		NO _x	2.89	12.68
		PM ₁₀	0.02	0.11
		SO ₂	0.01	0.01
		VOC	0.04	0.17
08	Acid Gas Flare	CO	0.42	1.86
		H ₂ S	1.32	5.77
		NO _x	0.21	0.93
		SO ₂	121.20	531.30
		VOC	1.15	5.05
09	Amine Reboiler	CO	0.22	0.98
		NO _x	0.27	1.16
		PM ₁₀	0.02	0.09
		SO ₂	0.01	0.01
		VOC	0.02	0.07
10	EG Reboiler	CO	0.02	0.08
		NO _x	0.02	0.10
		PM ₁₀	0.01	0.01
		SO ₂	0.01	0.01
		VOC	0.01	0.01
11	EG Still Vent	VOC	1.01	4.41
12	H ₂ S	H ₂ S	0.04	0.17
13	VOC Fugitives (4)	VOC	1.23	5.38

(1) Emission point identification - either specific equipment designation or emission point number

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from plot
plan.

- (2) Specific point source name - for fugitive sources use area name or fugitive source name.
- (3) CO - carbon monoxide
H₂S - hydrogen sulfide
NO_x - total oxides of nitrogen
PM₁₀ - particulate matter, suspended in the atmosphere, including PM₁₀
SO₂ - sulfur dioxide
VOC - volatile organic compounds as defined in Title 30 Texas Administration 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 May 23, 2011