

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)	Emission Rates	
			lb/hr	TPY
01	White 8G-825 No. 4 Engine (Catalyzed)	VOC	0.25	0.60
		NO _x	3.53	8.59
		CO	3.53	8.59
02	White 8G-825 No. 5 Engine (Catalyzed)	VOC	0.20	0.49
		NO _x	2.91	7.09
		CO	2.91	7.09
03	White 6G-825 No. 3 Engine (Catalyzed)	VOC	0.15	0.37
		NO _x	2.18	5.31
		CO	2.18	5.31
04	White 6G-510 No. 1 Engine (Catalyzed)	VOC	0.11	0.32
		NO _x	1.54	4.63
		CO	1.54	4.63
05	White 6G-510 No. 2 Engine (Uncatalyzed)	VOC	0.09	0.13
		NO _x	7.70	11.56
		CO	6.65	9.99
06	Waukesha 1197-1 Engine (Uncatalyzed)	VOC	0.04	0.17
		NO _x	3.41	14.94
		CO	2.95	12.90
07	Waukesha 1197-2 Engine (Catalyzed)	VOC	0.04	0.17
		NO _x	3.41	14.94
		CO	2.95	12.90

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
08	Acid Gas Flare	VOC	0.02	0.09
		NO _x	0.03	0.11
		SO ₂	121.20	531.30
		CO	0.14	0.63
		H ₂ S	1.32	5.77
09	Amine Reboiler	VOC	0.02	0.08
		NO _x	0.50	2.20
		CO	0.11	0.46
10	EG Reboiler	VOC	0.002	0.008
		NO _x	0.05	0.22
		CO	0.01	0.05
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
16	Emergency Flare	FOR EMERGENCY USE ONLY		

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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) VOC - volatile organic compounds as defined in Title 30 Texas Administration Code § 101.1
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
PM - particulate matter, suspended in the atmosphere, including PM₁₀
CO - carbon monoxide
H₂S - hydrogen sulfide
- (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:

_____Hrs/day _____Days/week _____Weeks/year or 8,760 Hrs/year

Dated April 23, 2008