

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 8084A

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**
111	Scrubber No. 1	VOC	9.04	
		CO	22.80	
		NO _x	0.92	
		SO ₂	0.01	
		PM ₁₀	0.01	
112	Scrubber No. 2	VOC	9.04	
		CO	22.80	
		NO _x	0.92	
		SO ₂	0.01	
		PM ₁₀	0.01	
111/112	Scrubbers Nos. 1 and 2 Caps	VOC		55.40
		CO		153.60
		NO _x		3.74
		SO ₂	0.01	
		PM ₁₀	0.01	
114	Orthoxylene Condenser Unit	VOC	1.66	0.42
116	Hot Oil Furnace	VOC	0.22	0.94
		CO	3.29	14.43
		NO _x	1.32	5.78
		SO ₂	0.02	0.10
		PM ₁₀	0.30	1.31
		Butenes	0.11	0.47
PALODING	Truck/Tank Car Loading	VOC	3.14	1.76
FUG-PA	Fugitive Emissions (4)	VOC	0.29	1.26

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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 Administrative Code § 101.1
CO - carbon monoxide
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
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 in emitted.
- (4) Emission rate is an estimate and compliance is demonstrated by meeting the requirements of the applicable special conditions and permit application representations.

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

8,760 Hrs/year

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

Dated April 16, 2008