

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 1329

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 Rates *	Source	Air Contaminant	<u>Emission</u>	
Point No. (1)	Name (2)	Name (3)	lb/hr	
TPY**				
036LR1	Loading Operations	VOC	0.24	0.07
036LT93	Loading Operations	VOC	0.24	0.07
037DM111	Storage Tank	VOC	0.03	0.03
037DM141	Storage Tank	VOC	0.03	0.03
037EGS	Sample Pot	VOC	0.01	0.01
037GA1	Analyzer Vent	VOC	1.26	5.42
037SEAL	Storage Tank	VOC	0.01	0.01
037T31	Storage Tank	VOC	0.01	0.01
037T33	Storage Tank	VOC	0.01	0.01
037T128	Storage Tank	VOC	0.08	0.03
037T135	Storage Tank	VOC	0.03	0.03
037T501A	Storage Tank	VOC	32.10	0.48
037T513	Storage Tank	VOC	2.25	0.21
037T514A	Storage Tank	VOC	0.01	0.01
037T515A	Storage Tank	VOC	0.01	0.01
037526A	Storage Tank	VOC	0.01	0.01

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Point No. (1)	Name (2)	Name (3)	lb/hr	
TPY**				
037528	Storage Tank	VOC	0.03	0.03
037T543A	Storage Tank	VOC	0.65	0.06
037T543B	Storage Tank	VOC	0.65	0.06
037T544A	Storage Tank	VOC	0.06	0.01
037T544B	Storage Tank	VOC	0.06	0.01
037T548	Storage Tank	VOC	0.01	0.01
037T563	Storage Tank	VOC	0.01	0.01
037T590	Storage Tank	VOC	0.01	0.01
037T591	Storage Tank	VOC	0.01	0.01
037T595	Storage Tank	VOC	0.36	1.61
037T596	Storage Tank	VOC	0.01	0.01
037T621	Storage Tank	VOC	12.26	18.62
037U501	Process Cooling Tower	EG		20.45
48.10		EO	5.06	8.87
		VOC	3.16	7.72
037VS1	Jet Condenser Vent	VOC		0.42
1.85				

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Point No. (1)	Name (2)	Name (3)	lb/hr	
TPY**				
104FL1	Emergency Flare	CO	0.01	0.01
	Pilot Burner	NO _x	0.07	0.30
		SO ₂	0.01	0.03
		VOC	0.01	
0.01				
104T51	Storage Tank	VOC	0.13	0.02
104T56	Storage Tank	VOC	0.01	0.01
104T57	Storage Tank	VOC	0.03	0.03
104T161	Storage Tank	H ₃ PO ₄	0.03	0.11
		VOC	0.75	3.20
105T504	Storage Tank	VOC	5.28	0.28
105T540	Storage Tank	VOC	4.21	0.03
141FL1	Flare Pit Pilot Burner	CO	0.01	0.01
		NO _x	0.04	0.19
		SO ₂	0.01	0.02
		VOC	0.08	
0.26				
F037FG1	Process Fugitives (4)	EO	0.31	
	1.34			
		VOC	4.19	
	18.30			
F037WW1	Wastewater Fugitives (4)	VOC	0.17	0.67

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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.
EG - ethylene glycol
EO - ethylene oxide
CO - carbon monoxide
NO_x - nitrogen oxides
SO₂ - sulfur dioxide
H₃PO₄ - phosphoric acid
 - (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:
- 8760 hrs/year.
- ** Compliance with annual emission limits is based on a rolling 12-month period.

Dated May 21, 2007