

# 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, sources, and related activities. 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	
			lbs/hour	TPY (4)
036LR1	Loading Vent	VOC	0.24	0.07
036LT93	Loading Vent	VOC	0.24	0.07
037DM111	Storage Tank	VOC	0.03	0.03
037DM141	Storage Tank	VOC	0.03	0.03
037EGS	Sample Receptacle	VOC	0.01	0.01
037GA1	Analyzer Vent	VOC	1.40	6.02
037SEAL	Seal Pots	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	Pressure Tank Vent	VOC	32.1	0.48
037T513	Process Vent	VOC	2.57	0.53
037T514A	Storage Tank	VOC	0.01	0.01
037T515A	Storage Tank	VOC	0.01	0.01
037526A	Storage Tank	VOC	0.01	0.01
037528	Storage Tank	VOC	0.03	0.03
037T543A	Storage Tank	VOC	0.63	0.06
037T543B	Storage Tank	VOC	0.63	0.06
037T544A	Storage Tank	VOC	0.05	0.01
037T544B	Storage Tank	VOC	0.05	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	Process Vent	VOC	0.36	1.61
037T596	Storage Tank	VOC	0.01	0.01

Emission Sources - Maximum Allowable Emission Rates

037T621	Process Vent	VOC	-	-
037T621A	Process Vent	VOC	-	-
037T621B	Process Vent	VOC	-	-
037T621CAP Emission Cap (6)		VOC	12.19	18.19
037U501	Cooling Tower Stack	VOC	27.86	63.18
037VS1	Jet Condenser Vent	VOC	0.42	1.85
104FL1	EO Sewer Tank Pilot Burner	CO	0.67	2.36
		NO <sub>x</sub>	0.17	0.6
		SO <sub>2</sub>	0.02	0.06
		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	EO Sewer Tank	H <sub>3</sub> PO <sub>4</sub>	0.03	0.11
		VOC	0.75	3.20
105T540	Storage Tank	VOC	2.55	0.02
141T504	Process Vent	VOC	5.28	0.28
141FL1	Relief Header Pilot Burner	CO	0.34	1.47
		NO <sub>x</sub>	0.08	0.37
		SO <sub>2</sub>	0.01	0.04
		VOC	0.03	0.03
F037FG1	Fugitive Emissions (5)	VOC	3.99	17.22

- (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  
NO<sub>x</sub> - total oxides of nitrogen  
SO<sub>2</sub> - sulfur dioxide  
CO - carbon monoxide  
H<sub>3</sub>PO<sub>4</sub> - Phosphoric acid
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (6) The emission cap is the total emissions from EPNs 037T621, 037T621A and 037T621B.

Date: April 25, 2019