

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 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
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

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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
104FL1	EO Sewer Tank Pilot Burner	CO	0.01	0.01
		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	Relief Header 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 (5)	EO	0.31	1.34
		VOC	4.19	18.30
F037WW1	Wastewater Fugitives (5)	VOC	0.17	0.67

- (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) CO - carbon monoxide
EG - ethylene glycol

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EO	- ethylene oxide
H ₃ PO ₄	- phosphoric acid
NO _x	- total oxides of nitrogen
SO ₂	- sulfur dioxide
VOC	- volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

(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.

Date: November 16, 2016