

Emission Sources - Maximum Allowable Emission Rates

Permit Number 125951

[570012] Draft!!

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 Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
LGV-FUG	Fugitives (5)	VOC	0.06	0.24
T1	Crude Storage Tank T-1	H ₂ S	0.10	(6)
		VOC	4.67	(6)
T2	Crude Storage Tank T-2	H ₂ S	0.10	(6)
		VOC	4.69	(6)
T3	Crude Storage Tank T-3	H ₂ S	0.10	(6)
		VOC	4.69	(6)
T4	Crude Storage Tank T-4	H ₂ S	0.10	(6)
		VOC	4.69	(6)
T5	Crude Storage Tank T-5	H ₂ S	0.10	(6)
		VOC	4.69	(6)
T6	Crude Storage Tank T-6	H ₂ S	0.10	(6)
		VOC	4.70	(6)
T7	Crude Storage Tank T-7	H ₂ S	0.10	(6)
		VOC	4.69	(6)
T8	Crude Storage Tank T-8	H ₂ S	0.10	(6)
		VOC	4.69	(6)
T9	Crude Storage Tank T-9	H ₂ S	0.10	(6)
		VOC	4.69	(6)
T10	Crude Storage Tank T-10	H ₂ S	0.10	(6)
		VOC	4.69	(6)
T11	Crude Storage Tank T-11	H ₂ S	0.10	(6)
		VOC	4.69	(6)
T12	Crude Storage Tank T-12	H ₂ S	0.10	(6)
		VOC	4.69	(6)
T13	Crude Storage Tank T-13	H ₂ S	0.10	(6)

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		VOC	4.73	(6)
T14	Crude Storage Tank T-14	H ₂ S	0.11	(6)
		VOC	5.25	(6)
Tank-Cap (6)	Crude Storage Tanks Annual Cap	H ₂ S	--	0.74
		VOC	--	35.36
E2	Back-Up Generator Engine	CO	0.07	0.01
		NO _x	0.86	0.04
		PM	0.01	0.01
		PM ₁₀	0.01	0.01
		PM _{2.5}	0.01	0.01
		SO ₂	0.01	0.01
		VOC	0.02	0.01

- (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
H₂S - hydrogen sulfide
NO_x - total oxides of nitrogen
PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
SO₂ - 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.
- (6) Crude Storage Tank combined emissions may not exceed the rates shown for the Crude Storage Tanks Annual Cap. The Emission Point Nos. (EPNs) subject to this limit are: T1, T2, T3, T4, T5, T6, T7, T8, T9, T10, T11, T12, T13, and T14.

Date: 2017