

Emission Sources - Maximum Allowable Emission Rates

Permit Number 123632

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)
T-1	Blend Tank No. 1	H ₂ S	0.01	--
		VOC	1.51	--
T-2	Blend Tank No. 2	H ₂ S	0.01	--
		VOC	1.51	--
	Blend Tanks Nos. 1 and 2	H ₂ S	--	0.05
		VOC	--	9.73
T-3	Storage Tank No. 3	H ₂ S	0.01	--
		VOC	1.05	--
T-4	Storage Tank No. 4	H ₂ S	0.01	--
		VOC	1.05	--
T-7	Storage Tank No. 7	H ₂ S	0.01	--
		VOC	1.05	--
T-8	Storage Tank No. 8	H ₂ S	0.01	--
		VOC	1.05	--
T-9	Storage Tank No. 9	H ₂ S	0.01	--
		VOC	1.05	--
	Storage Tanks Nos. 3, 4, 7, 8, and 9	H ₂ S	--	0.06
		VOC	--	12.16
T-5	Receipt Tank No. 5	H ₂ S	<0.01	0.01
		VOC	0.74	2.73
T-6	Receipt Tank No. 6	H ₂ S	<0.01	0.01
		VOC	0.74	2.73
T-10	Receipt Tank No. 10	H ₂ S	<0.01	0.01
		VOC	0.74	2.73
T-1 through T-10	T-1 through T-10	H ₂ S	--	0.15
		VOC	--	30.08

Emission Sources - Maximum Allowable Emission Rates

FL-1	Flare (Barge Loading)	CO	6.45	12.30
		H ₂ S	0.12	0.22
		NO _x	3.23	6.16
		SO ₂	0.12	0.22
		VOC	23.39	44.53
WWTL-1	Waste Water Truck Loading No. 1	H ₂ S	<0.01	<0.01
		VOC	1.87	0.19
FUG-1	Truck Unloading and Tank Equipment Fugitives (5)	H ₂ S	<0.01	0.02
		VOC	0.85	3.71
FUG-2	Barge Equipment Fugitives (5)	H ₂ S	<0.01	<0.01
		VOC	0.03	0.13
PTO-1	Portable Thermal Oxidizer	CO	2.24	0.68
		H ₂ S	0.01	<0.01
		NO _x	1.64	0.50
		PM	0.21	0.06
		PM ₁₀	0.21	0.06
		PM _{2.5}	0.21	0.06
		SO ₂	0.01	<0.01
		VOC	1.35	0.39
VT-1	Vacuum Truck Loading	H ₂ S	<0.01	<0.01
		VOC	0.09	<0.01
UNC-MSS	Uncontrolled Maintenance, Startup and Shutdown for Tanks	H ₂ S	0.02	<0.01
		VOC	3.15	0.17

Emission Sources - Maximum Allowable Emission Rates

- (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
H ₂ S	-	hydrogen sulfide
NO _x	-	total oxides of nitrogen
PM	-	total particulate matter, suspended in the atmosphere, including PM ₁₀ and PM _{2.5} , as represented
PM ₁₀	-	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
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: September 23, 2016