

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 73350

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)
835	Superior 8G825 Compressor Engine 667-hp	NO _x	14.7	64.41
		CO	22.06	96.61
		VOC	1.47	6.44
		SO ₂	0.01	0.01
		PM ₁₀	0.10	0.44
		Formaldehyde	0.11	0.47
836	Superior 8G825 Compressor Engine 667-hp	NO _x	14.7	64.41
		CO	22.06	96.61
		VOC	1.47	6.44
		SO ₂	0.01	0.01
		PM ₁₀	0.10	0.44
		Formaldehyde	0.11	0.47
859	Waukesha L7040 Compressor Engine 896-hp	NO _x	19.75	86.52
		CO	19.75	86.52
		VOC	1.98	8.65
		SO ₂	0.01	0.02
		PM ₁₀	0.14	0.61
		Formaldehyde	0.15	0.64

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FLR1	Flare Pilot Flame Emissions (7)	NO _x	0.28	1.21
		CO	1.10	4.81
		VOC	0.04	0.19
TK-1	Diesel Tank 1	VOC	0.01	0.01
TK-2	Diesel Tank 2	VOC	0.01	0.01
TK-3	Solvent Tank	VOC	0.01	0.01
TK-4	Lube Oil Tank 1	VOC	0.01	0.01
TK-5	Methanol Tank	VOC	0.01	0.04
TK-6	Lube Oil Tank 2	VOC	0.01	0.01
TK-7	Light Oil Tank	VOC	0.01	0.01
TK-13	Slop Oil Tank1	VOC	0.01	0.01
TK-14	Slop Oil Tank2	VOC	0.01	0.01
TK-15	Methanol Tank	VOC	0.01	0.02
TK-20	Used Oil Tank	VOC	0.01	0.01
TK-21	Methanol Tank	VOC	0.01	0.02
TK-22	Methanol Tank	VOC	0.01	0.01
TK-23	Lube Oil Tank 3	VOC	0.01	0.01
TK-24	Gasoline Tank	VOC	0.22	0.95
TK-25A	H ₂ S Slop Tank	VOC	0.01	0.01
		H ₂ S	0.01	0.01
TK-26	Methanol Tank	VOC	0.01	0.02
FUG	Fugitives (5)	VOC	12.97	56.81
		H ₂ S	0.14	0.62
FUG	Fugitives (5)(6)	VOC	3.55	15.54
		H ₂ S	0.14	0.62

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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
NO _x	- total oxides of nitrogen
SO ₂	- sulfur dioxide
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
CO	- carbon monoxide
H ₂ S	- hydrogen sulfide
- (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) This emission rate is effective beginning November 1, 2012.
- (7) Hot standby emissions and maintenance, startup, and shutdown emissions from the sulfur recovery unit flare (FLR1) are authorized by Permit Nos. 83193 and PSDTX1104. **(10/11)**

Date: _____