

Emission Sources - Maximum Allowable Emission Rates

Permit Number 91929

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)
TK-1	Lube Oil Tank	VOC	0.01	0.01
TK-2	Lube Oil Tank	VOC	0.01	0.01
TK-3	Solvent Tank	VOC	0.01	0.01
TK-4	Methanol Tank	VOC	0.05	0.23
TK-5	Lube Oil Tank	VOC	0.01	0.01
TNKSLP1	Condensate Tank	VOC	1.67	3.90
		H ₂ S	0.01	0.01
TNKSLP2	Condensate Tank	VOC	1.67	3.90
		H ₂ S	0.01	0.01
TNKSLP1 and TNKSLP2	Total Tanks Cap	VOC	1.67	3.90
TNKSLP3	Slop Oil Tank	VOC	0.02	0.01
L-1	Condensate Loadout	VOC	39.54	2.69
		H ₂ S	0.04	0.01
FUG-1	Fugitives	VOC	1.95	8.56
		H ₂ S	0.01	0.01
Maintenance, Start-Up and Shutdown (Mss) Emission Limits				
TNK-MSS	Tank MSS	VOC	96.90	0.10
		H ₂ S	0.01	0.01
FUG-MSS	Fugitive MSS	VOC	82.89	0.20

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		H ₂ S	0.17	0.01
The following four engines are authorized via permit-by-rule registration number 53339				
ENG1	Compressor Engine Ingersoll Rand SVG8 440-hp	NOx	21.34	93.47
		CO	4.85	21.24
		VOC	0.97	4.25
		SO ₂	0.01	0.01
		PM ₁₀ / PM _{2.5}	0.08	0.34
		Formaldehyde	0.08	0.36
ENG2	Compressor Engine Ingersoll Rand SVG8 440-hp	NOx	21.34	93.47
		CO	4.85	21.24
		VOC	0.97	4.25
		SO ₂	0.01	0.01
		PM ₁₀ / PM _{2.5}	0.08	0.34
		Formaldehyde	0.08	0.36
ENG4	Compressor Engine Ingersoll Rand SVG8 440-hp	NOx	21.34	93.47
		CO	4.85	21.24
		VOC	0.97	4.25
		SO ₂	0.01	0.01
		PM ₁₀ / PM _{2.5}	0.08	0.34
		Formaldehyde	0.08	0.36
ENG5	Compressor Engine Ingersoll Rand SVG8 440-hp	NOx	21.34	93.47

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	CO	4.85	21.24
	VOC	0.97	4.25
	SO ₂	0.01	0.01
	PM ₁₀ / PM _{2.5}	0.08	0.34
	Formaldehyde	0.08	0.36

- (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
SO₂ - sulfur dioxide
PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
H₂S - 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.

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