

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 73374

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. 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)	<u>Emission Rates *</u>	
			lb/hr	TPY**
STK1	Clark HRA-8 880-hp Compressor Engine	NO _x	31.04	135.96
		CO	19.40	84.98
		VOC	1.94	8.50
		SO ₂	0.01	0.01
		PM ₁₀	0.34	1.49
		Formaldehyde	0.39	1.70
STK2	Clark HRA-8 880-hp Compressor Engine	NO _x	31.04	135.96
		CO	19.40	84.98
		VOC	1.94	8.50
		SO ₂	0.01	0.01
		PM ₁₀	0.34	1.49
		Formaldehyde	0.39	1.70
STK3	Clark HRA-8 880-hp Compressor Engine	NO _x	31.04	135.96
		CO	19.40	84.98
		VOC	1.94	8.50
		SO ₂	0.01	0.01
		PM ₁₀	0.34	1.49
		Formaldehyde	0.39	1.70
STK4	Clark HRA-8 880-hp Compressor Engine	NO _x	31.04	135.96
		CO	19.40	84.98
		VOC	1.94	8.50
		SO ₂	0.01	0.01
		PM ₁₀	0.34	1.49
		Formaldehyde	0.39	1.70

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STK5	Clark TRA 10 1,800-hp Compressor Engine	NO _x	63.49	278.10
		CO	39.68	173.81
		VOC	3.97	17.38
		SO ₂	0.01	0.04
		PM ₁₀	0.70	3.05
		Formaldehyde	0.79	3.47
STK6	Clark TLA-6 2,000-hp Compressor Engine	NO _x	70.55	309.00
		CO	44.09	193.13
		VOC	4.41	19.31
		SO ₂	0.01	0.04
		PM ₁₀	0.77	3.38
		Formaldehyde	0.88	3.87
STK7	Superior 8G825 667-hp Compressor Engine (with Non-Selective Catalytic Reduction)	NO _x	3.00	13.00
		CO	4.41	19.32
		VOC	1.47	6.44
		SO ₂	0.01	0.01
		PM ₁₀	0.10	0.44
		Formaldehyde	0.03	0.11
TNKSTK	Condensate Tanks Common Vent	VOC	0.79	1.74
		H ₂ S	0.01	0.04
FUG1	Piping Fugitives (4)	VOC	1.71	7.50
		H ₂ S	0.01	0.04

- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names. For fugitive sources, use an 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 - particulate matter equal to or less than 10 microns in diameter
 - CO - carbon monoxide
 - H₂S - hydrogen sulfide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

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- * Emission rates are based on and the facilities are limited by the following maximum operating schedule:

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

- ** Compliance with annual emission limits is based on a rolling 12-month period.

Dated July 16, 2010