

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 73394

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)	Emission Rates *	
			lb/hr	TPY**
STK7	Waukesha L7042G 896-hp Compressor Engine	NO _x	19.8	86.52
		CO	19.8	86.52
		VOC	1.98	8.65
		SO ₂	0.01	0.02
		PM ₁₀	0.13	0.56
		Formaldehyde	0.14	0.60
STK 17	Cooper Bessemer GMV-10 1,100-hp Compressor Engine	NO _x	43.65	191.19
		CO	19.40	84.98
		VOC	2.43	10.62
		SO ₂	0.01	0.03
		PM ₁₀	0.48	2.12
		Formaldehyde	0.55	2.42
STK 18	Cooper Bessemer GMV-10 1,100-hp Compressor Engine	NO _x	43.65	191.19
		CO	19.40	84.98
		VOC	2.43	10.62
		SO ₂	0.01	0.03
		PM ₁₀	0.48	2.12
		Formaldehyde	0.55	2.42
STK 19	Clark HBAT-10 2,600-hp Compressor Engine	NO _x	91.71	401.70
		CO	57.32	251.06
		VOC	5.73	25.11
		SO ₂	0.01	0.05
		PM ₁₀	0.97	4.23
		Formaldehyde	1.10	4.84
STK 20	Clark HBAT-10 2,600-hp Compressor Engine	NO _x	91.71	401.70
		CO	57.32	251.06
		VOC	5.73	25.11
		SO ₂	0.01	0.05
		PM ₁₀	0.97	4.23
		Formaldehyde	1.10	4.84

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
STK 21	Clark HBAT-10 2,600-hp Compressor Engine	NO _x	91.71	401.70
		CO	57.32	251.06
		VOC	5.73	25.11
		SO ₂	0.01	0.05
		PM ₁₀	0.97	4.23
		Formaldehyde	1.10	4.84
STK 22	Clark HBAT-10 2,600-hp Compressor Engine	NO _x	91.71	401.70
		CO	57.32	251.06
		VOC	5.73	25.11
		SO ₂	0.01	0.05
		PM ₁₀	0.97	4.23
		Formaldehyde	1.10	4.84
STK 23	Clark HBAT-10 2,600-hp Compressor Engine	NO _x	91.71	401.70
		CO	57.32	251.06
		VOC	5.73	25.11
		SO ₂	0.01	0.05
		PM ₁₀	0.97	4.23
		Formaldehyde	1.10	4.84
STK 24	Ingersoll Rand PVG-8 370-hp Generator Engine	NO _x	17.95	78.60
		CO	4.08	17.86
		VOC	0.82	3.57
		SO ₂	0.01	0.01
		PM ₁₀	0.06	0.26
		Formaldehyde	0.06	0.27
STK 25	Ingersoll Rand PVG-8 370-hp Generator Engine	NO _x	17.95	78.60
		CO	4.08	17.86
		VOC	0.82	3.57
		SO ₂	0.01	0.01
		PM ₁₀	0.06	0.26
		Formaldehyde	0.06	0.27
STK 26	Ingersoll Rand PVG-8 370-hp Generator Engine	NO _x	17.95	78.60
		CO	4.08	17.86
		VOC	0.82	3.57
		SO ₂	0.01	0.01
		PM ₁₀	0.06	0.26
		Formaldehyde	0.06	0.27
STK 27	Ingersoll Rand PVG-8	NO _x	17.95	78.60

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
STK 28	370-hp Generator Engine	CO	4.08	17.86
		VOC 0.82	3.57	
		SO ₂ 0.01	0.01	
		PM ₁₀ 0.06	0.26	
		Formaldehyde	0.06	0.27
	Ingersoll Rand PVG-8 370-hp Generator Engine	NO _x	17.95	78.60
		CO	4.08	17.86
		VOC 0.82	3.57	
		SO ₂ 0.01	0.01	
		PM ₁₀ 0.06	0.26	
STK 30	Clark HRAT-8 1.350-hp Compressor Engine	Formaldehyde	0.06	0.27
		NO _x	62.50	273.76
		CO	44.64	195.54
		VOC 2.98	13.04	
		SO ₂ 0.01	0.03	
		PM ₁₀ 0.51	2.22	
		Formaldehyde	0.58	2.54
STK 32	Superior 8G825 667-hp Compressor Engine	NO _x	14.70	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
STK 33	Superior 8G825 667-hp Compressor Engine	NO _x	14.70	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

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

- (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 (PM) equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.
CO - carbon monoxide
- (4) Authorized under Permit-by-Rule.

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

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

_____ Hrs/day ___ Days/week ___ Weeks/year or 8,760 Hrs/year

Dated August 14, 2007