

# 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, 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)
STK1	Clark HRA-8 880-hp Compressor Engine	NO <sub>x</sub>	31.04	135.96
		CO	19.40	84.98
		VOC	1.94	8.50
		SO <sub>2</sub>	0.01	0.02
		PM <sub>10</sub>	0.34	1.49
		CH <sub>2</sub> O	0.39	1.70
STK2	Clark HRA-8 880-hp Compressor Engine	NO <sub>x</sub>	31.04	135.96
		CO	19.40	84.98
		VOC	1.94	8.50
		SO <sub>2</sub>	0.01	0.02
		PM <sub>10</sub>	0.34	1.49
		CH <sub>2</sub> O	0.39	1.70
STK3	Clark HRA-8 880-hp Compressor Engine	NO <sub>x</sub>	31.04	135.96
		CO	19.40	84.98
		VOC	1.94	8.50
		SO <sub>2</sub>	0.01	0.02
		PM <sub>10</sub>	0.34	1.49
		CH <sub>2</sub> O	0.39	1.70
STK4	Clark HRA-8 880-hp Compressor Engine	NO <sub>x</sub>	31.04	135.96
		CO	19.40	84.98
		VOC	1.94	8.50
		SO <sub>2</sub>	0.01	0.02
		PM <sub>10</sub>	0.34	1.49

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		CH <sub>2</sub> O	0.39	1.70
STK5	Clark TRA 10 1,800-hp Compressor Engine	NO <sub>x</sub>	63.49	278.10
		CO	39.68	173.81
		VOC	3.97	17.38
		SO <sub>2</sub>	0.01	0.04
		PM <sub>10</sub>	0.70	3.05
		CH <sub>2</sub> O	0.79	3.47
STK6	Clark TLA-6 2,000-hp Compressor Engine	NO <sub>x</sub>	70.55	309.00
		CO	44.09	193.13
		VOC	4.41	19.31
		SO <sub>2</sub>	0.01	0.04
		PM <sub>10</sub>	0.77	3.38
		CH <sub>2</sub> O	0.88	3.87
STK7	Superior 8G825 667-hp Compressor Engine (with Non-Selective Catalytic Reduction)	NO <sub>x</sub>	3.00	13.00
		CO	4.41	19.32
		VOC	1.47	6.44
		SO <sub>2</sub>	0.01	0.01
		PM <sub>10</sub>	0.10	0.44
		CH <sub>2</sub> O	0.03	0.11
TNKSTK	Condensate Tanks Common Vent	VOC	0.79	1.74
		H <sub>2</sub> S	0.01	0.04
FUG1	Piping Fugitives (5)	VOC	1.71	7.50
		H <sub>2</sub> S	0.01	0.04

(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<sub>x</sub> - total oxides of nitrogen  
SO<sub>2</sub> - sulfur dioxide  
PM<sub>10</sub> - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>, as represented  
CO - carbon monoxide

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H <sub>2</sub> S	- Hydrogen Sulfide
CH <sub>2</sub> O	- Formaldehyde

(4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.

(5) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

Date: August 19, 2015