

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 49137

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**
C-5	Clark Compressor BA6 (5) (1,200-horsepower)	CO	11.23	49.20
		NO <sub>x</sub>	59.02	258.52
		VOC 1.14	4.98	
	(6)	CO	7.92	34.73
		NO <sub>x</sub> 21.14	92.61	
		VOC 1.14	4.98	
C-6	Clark Compressor BA6 (5) (1,200-horsepower)	CO	11.23	49.20
		NO <sub>x</sub>	59.02	258.52
		VOC 1.14	4.98	
	(6)	CO	7.92	34.73
		NO <sub>x</sub> 21.14	92.61	
		VOC 1.14	4.98	
C-7	Clark Compressor BA6 (5) (1,200-horsepower)	CO	11.23	49.20
		NO <sub>x</sub>	59.02	258.52
		VOC 1.14	4.98	
	(6)	CO	7.92	34.73
		NO <sub>x</sub> 21.14	92.61	
		VOC 1.14	4.98	
C-8	Clark Compressor BA6 (1,200-horsepower)	CO	11.23	49.20
		NO <sub>x</sub>	59.02	258.52
		VOC 1.14	4.98	
C-9	Clark Compressor HBA6 (1,320-horsepower)	CO	17.88	78.32
		NO <sub>x</sub>	54.17	237.25
		VOC 1.25	5.48	

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
C-10	Clark Compressor HBA6 (1,320-horsepower)	CO	17.88	78.32
		NO <sub>x</sub>	54.17	237.25
		VOC	1.25	5.48
C-11	Clark Compressor HBA6 (1,320-horsepower)	CO	17.88	78.32
		NO <sub>x</sub>	54.17	237.25
		VOC	1.25	5.48
C-20	Clark Compressor HRAT6 (1,100-horsepower)	CO	10.59	46.38
		NO <sub>x</sub>	35.01	153.35
		VOC	1.04	4.57
C-21	Clark Compressor HRAT6 (1,100-horsepower)	CO	10.59	46.38
		NO <sub>x</sub>	35.01	153.35
		VOC	1.04	4.57
C-22	Clark Compressor HRAT6 (1,100-horsepower)	CO	10.59	46.38
		NO <sub>x</sub>	35.01	153.35
		VOC	1.04	4.57
C-23	Clark Compressor HRAT6 (1,100-horsepower)	CO	10.59	46.38
		NO <sub>x</sub>	35.01	153.35
		VOC	1.04	4.57
F-2	Flare	CO	0.19	0.83
		NO <sub>x</sub>	0.03	0.15
		SO <sub>2</sub>	0.01	0.01
		VOC	0.16	0.04
F-4	Flare	CO	0.19	0.83
		NO <sub>x</sub>	0.03	0.15
		SO <sub>2</sub>	0.01	0.01
		VOC	0.16	0.04

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
FWP-1	Fire Water Pump (876 hours per calendar year)	CO	0.19	0.84
		NO <sub>x</sub>	0.89	3.91
		PM <sub>10</sub>	0.28	
		SO <sub>2</sub>	0.26	
		VOC	0.31	
FUG-3	Process Fugitives (4)	H <sub>2</sub> S	0.16	0.71
		VOC	5.85	
PITFUG-1	Wastewater Pond Fugitives	H <sub>2</sub> S	0.08	0.36
		VOC	0.44	
PITFUG-2	Wastewater Pond Fugitives	H <sub>2</sub> S	0.20	0.89
		VOC	1.10	
PITFUG-3	Wastewater Pond Fugitives	H <sub>2</sub> S	0.62	3.32
		VOC	2.70	

(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) CO - carbon monoxide

H<sub>2</sub>S - hydrogen sulfide

NO<sub>x</sub> - total oxides of nitrogen

PM<sub>10</sub> - particulate matter less than 10 microns

SO<sub>2</sub> - sulfur dioxide

VOC - volatile organic compounds as defined in the Title 30 Texas Administrative Code § 101.1

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

(5) Emission controls prior to the engine retrofit.

(6) Emission controls after the engine retrofit.

\* 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

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

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			<u>lb/hr</u>	<u>TPY**</u>

Dated \_\_\_\_\_