

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 22099

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)
9	Process Flare	CO	21.08	3.60
		NO <sub>x</sub>	2.92	0.50
		SO <sub>2</sub>	0.02	0.01
		VOC	34.09	3.31
505	Drum Loading	VOC	0.05	0.01
506	Scrubber	PM	0.08	0.01
		PM <sub>10</sub>	0.08	0.01
		PM <sub>2.5</sub>	0.08	0.01
		VOC	0.02	0.01
507	Scrubber	VOC	0.01	0.01
508	Heater	CO	0.10	0.42
		NO <sub>x</sub>	0.33	1.44
		PM	0.06	0.26
		PM <sub>10</sub>	0.06	0.26
		PM <sub>2.5</sub>	0.06	0.26
		SO <sub>2</sub>	0.01	0.02
		VOC	0.04	0.19
511	Truck Loading	VOC	4.97	0.10
512	Railcar Loading	VOC	1.54	0.03

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
513	Drum Loading	VOC	0.01	0.01
514	Drum Loading	VOC	0.05	0.01
518	Heater	CO	0.02	0.06
		NO <sub>x</sub>	0.08	0.32
		PM	0.06	0.26
		PM <sub>10</sub>	0.06	0.26
		PM <sub>2.5</sub>	0.06	0.26
		SO <sub>2</sub>	0.01	0.02
		VOC	0.04	0.19
F-P	Fugitives	VOC	1.62	7.08
40	Boiler No. 1	CO	1.19	5.23
		NO <sub>x</sub>	1.42	6.23
		PM	0.11	0.47
		PM <sub>10</sub>	0.11	0.47
		PM <sub>2.5</sub>	0.11	0.47
		SO <sub>2</sub>	0.01	0.04
		VOC	0.08	0.34

Emission Sources - Maximum Allowable Emission Rates

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
44	Boiler No. 3	CO	1.19	5.23
		NO <sub>x</sub>	1.42	6.23
		PM	0.11	0.47
		PM <sub>10</sub>	0.11	0.47
		PM <sub>2.5</sub>	0.11	0.47
		SO <sub>2</sub>	0.01	0.04
		VOC	0.08	0.34

- (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) CO - carbon monoxide  
NO<sub>x</sub> - total oxides of nitrogen  
PM - total particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>, as represented  
PM<sub>10</sub> - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>, as represented  
PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter  
SO<sub>2</sub> - sulfur dioxide  
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1  
(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.

Date: December 20, 2018