

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 18370

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)
FL-1501	Acid Gas Flare	CO	0.57	2.52
		NO <sub>x</sub>	0.29	1.26
		H <sub>2</sub> S	0.61	2.65
		SO <sub>2</sub>	56.90	249.20
		VOC	0.89	3.91
EN-103	Compressor Engine 800-HP Superior 8G825	CO	4.41	19.31
		NO <sub>x</sub>	3.53	15.45
		PM	0.12	0.53
		PM <sub>10</sub>	0.12	0.53
		PM <sub>2.5</sub>	0.12	0.53
		SO <sub>2</sub>	0.01	0.02
		VOC	1.45	6.35
EN-102	Compressor Engine 800-HP Superior 8G825	CO	4.41	19.31
		NO <sub>x</sub>	3.53	15.45
		PM	0.12	0.53
		PM <sub>10</sub>	0.12	0.53
		PM <sub>2.5</sub>	0.12	0.53
		SO <sub>2</sub>	0.01	0.02
		VOC	1.45	6.35

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EN-101	Compressor Engine 800-HP Superior 8G825	CO	4.41	19.31
		NO <sub>x</sub>	3.53	15.45
		PM	0.12	0.53
		PM <sub>10</sub>	0.12	0.53
		PM <sub>2.5</sub>	0.12	0.53
		SO <sub>2</sub>	0.01	0.02
		VOC	1.45	6.35
FL-1502	Flare No. 2 Pilot Fuel Only	CO	0.01	0.02
		NO <sub>x</sub>	0.01	0.01
		SO <sub>2</sub>	0.01	0.01
		VOC	0.01	0.01
HT-501	Amine Reboiler	CO	0.36	1.57
		NO <sub>x</sub>	0.43	1.87
		SO <sub>2</sub>	0.01	0.01
		VOC	0.02	0.10
		PM	0.03	0.14
		PM <sub>10</sub>	0.03	0.14
		PM <sub>2.5</sub>	0.03	0.14
TK-1301	Condensate/Wastewater Tank	VOC	1.90	8.34
TK-1302	Condensate/Wastewater Tank	VOC	1.90	8.34
TK-1303	Condensate/Wastewater Tank	VOC	1.90	8.34
TK-1304	Methanol Tank	VOC	0.02	0.07
TK-1306	Lube Oil Tank	VOC	0.10	0.10
TK-1307	Glycol (antifreeze) Tank	VOC	0.10	0.10
TK-1308	Amine Tank	VOC	0.10	0.10
LOAD	Truck Loading	VOC	52.08	3.16
FUG	Plant Fugitives	VOC	1.45	6.36
		H <sub>2</sub> S	0.01	0.01

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.

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- (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 - 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
- CO - carbon monoxide
- H<sub>2</sub>S - hydrogen sulfide
- (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: July 22, 2016