

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 28602

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)
TANK0001	Tank 4001 (6)	VOC	7.19	—
		H <sub>2</sub> S	0.04	—
		Mercaptan	0.01	—
TANK0002	Tank 4002 (6)	VOC	6.54	—
		H <sub>2</sub> S	0.04	—
		Mercaptan	0.01	—
TANK0003	Tank 4003 (6)	VOC	7.19	—
		H <sub>2</sub> S	0.04	—
		Mercaptan	0.01	—
TANK0004	Tank 4004 (6)	VOC	7.61	—
		H <sub>2</sub> S	0.04	—
		Mercaptan	0.01	—
TANK0005	Tank 4009 (6)	VOC	6.65	—
		H <sub>2</sub> S	0.04	—
		Mercaptan	0.01	—
TANK0006	Tank 6010 (6)	VOC	5.50	—
		H <sub>2</sub> S	0.04	—
		Mercaptan	0.01	—

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TANKCAP	Annual Tanks Cap	VOC	—	39.51
		H <sub>2</sub> S	—	0.21
		Mercaptan	—	0.07
SUMP-1	SUMP-1	VOC	4.24	0.41
SUMP-2	SUMP-2	VOC	4.24	0.41
Fug-01	Process Fugitive Components (5)	VOC	0.18	0.79
		H <sub>2</sub> S	<0.01	<0.01
		Mercaptan	<0.01	<0.01
VCU-1&PVCU	Vapor Combustors Controlled Roof Landing Emissions	VOC	2.14	1.24
		NO <sub>x</sub>	1.37	0.84
		CO	1.83	1.11
		H <sub>2</sub> S	0.12	0.07
		Mercaptan	0.04	0.01
		SO <sub>2</sub>	13.58	7.25
		PM	0.88	0.54
		PM <sub>10</sub>	0.88	0.54
		PM <sub>2.5</sub>	0.88	0.54
ATM-DEGAS	Post Control Tank Degassing	VOC	99.51	0.99
		H <sub>2</sub> S	0.54	0.01
		Mercaptan	0.18	<0.01

- (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  
H<sub>2</sub>S - hydrogen sulfide  
SO<sub>2</sub> - sulfur dioxide  
CO - carbon monoxide  
H<sub>2</sub>S - hydrogen sulfide  
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
- (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.
- (6) Annual emissions included in annual 'All Tanks' caps.

Date: May 7, 2014