

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 107128

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)
T2620	Ethanol Tank	VOC	0.41	0.30
HBT-1	Spent Gasoline Tank	VOC	2.75	1.73
AD1	Additive Tank	VOC	0.98	(6)
AD2	Additive Tank	VOC	0.56	(6)
AD3	Additive Tank	VOC	0.02	(6)
AD4	Additive Tank	VOC	0.04	(6)
AD5	Additive Tank	VOC	0.04	(6)
AD6	Additive Tank	VOC	0.04	(6)
AD7	Additive Tank	VOC	0.02	(6)
AD1-AD7	Annual Cap – Additive Tanks	VOC		0.16
FUG	Fugitive Emissions (5)	VOC	0.11	0.47
LR-1	Loading Rack – Uncollected Loading Losses	VOC	18.10	20.93
VRU	Vapor Recovery Unit	VOC	(7)	(7)
FLARE	Enclosed Flare	VOC	(7)	(7)
		NO <sub>x</sub>	0.57	0.82
		CO	0.48	0.69
		PM	0.04	0.06
		PM <sub>10</sub>	0.03	0.05
		PM <sub>2.5</sub>	0.03	0.045
		SO <sub>2</sub>	<0.01	<0.01

	Cap – VRU and	6.26	12.53	
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- (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 - 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
- (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) The Additive Tanks are subject to an annual VOC cap.
- (7) The Vapor Recovery Unit and the Vapor Combustion Unit are both used to control gasoline loading. Only one device will operate at a time. That device will be limited to 6.26 lb/hr of VOC, and the combined annual VOC emissions of both devices will be limited to 12.53 tpy.

Date: October 27, 2014