

Emission Sources - Maximum Allowable Emission Rates

Permit Number 32468

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)
DRUMLOAD	Drum Loading	VOC	1.03	0.02
GC LAB	GC Lab	VOC	0.07	0.13
FIREPUMP	Firewater Pump	CO	0.89	0.02
		NO _x	4.12	0.11
		PM	0.29	0.01
		PM ₁₀	0.29	0.01
		PM _{2.5}	0.29	0.01
		SO ₂	0.27	0.01
		VOC	0.33	0.01
FLARE	Depressurization	CO	0.01	0.01
		NO _x	0.01	0.01
		VOC	0.68	0.06
	Flare	CO	5.17	12.13
		H ₂ S	0.03	0.11
		NO _x	0.96	2.98
		SO ₂	2.31	10.09
		VOC	3.81	15.05
	Tank Truck Loading	CO	0.01	0.01
		NO _x	0.01	0.01
		VOC	0.55	0.01
	Isotainer Loading	CO	0.01	0.01

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		NO _x	0.01	0.01
		VOC	0.55	0.01
	LPG Trailer Loading	CO	0.04	0.01
		NO _x	0.01	0.01
		VOC	3.05	0.02
FUG	Site-wide Fugitives (5)	VOC	0.62	2.18
LOAD1	Tank Truck Loading Fugitives	VOC	1.45	0.01
LOAD2	Isotainer Loading Fugitives	VOC	1.45	0.01
LOAD3	LPG Trailer Loading Fugitives	VOC	0.01	0.01
POLYLOAD	Polymer Loading	PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
MSS	Polymer Maintenance Startup and Shutdown	VOC	0.10	<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_x- total oxides of nitrogen
SO₂- sulfur dioxide
PM - total particulate matter
PM₁₀ - total particulate matter equal to or less than 10 microns in diameter
PM_{2.5} - total particulate matter equal to or less than 2.5 microns in diameter
CO - carbon monoxide
H₂S - 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: September 29, 2017