

Emission Sources - Maximum Allowable Emission Rates

Permit Number 79098

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)
STK-B2	Waukesha 8L-AT27GL Engine	NO _x	6.92	30.28
		CO	2.88	12.62
		SO ₂	0.01	0.04
		PM ₁₀	0.16	0.66
		VOC	0.89	3.89
STK-B3	Waukesha 8L-AT27GL Engine	NO _x	6.92	30.28
		CO	2.88	12.62
		SO ₂	0.01	0.04
		PM ₁₀	0.16	0.66
		VOC	0.89	3.89
STK-B8	Caterpillar G3516TALE Engine	NO _x	4.44	19.41
		CO	2.22	9.71
		SO ₂	0.01	0.03
		PM ₁₀	0.11	0.45
		VOC	0.60	2.62
FUG	Total Plant Fugitive Emissions (4)	VOC	0.97	4.21
		H ₂ S	0.01	0.01
Tank-22	Methanol Tank	VOC	0.02	0.04

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LubeTanks	Lube Oil Tanks	VOC	0.01	0.01
AmineTanks	Amine Tanks	VOC	0.01	0.01
TEGTanks	Glycol (TEG) Tanks	VOC	0.01	0.01
CoolTanks	Antifreeze Tanks	VOC	0.01	0.01
Tank-Diesel	Diesel Fuel Tank	VOC	0.01	0.01
Tank-Gasoline	Utility Gasoline Tank	VOC	0.14	0.30
Tank-Unleaded	Vehicle Gasoline Tank	VOC	0.37	0.80
SoapTank1	Soap Tank 1	VOC	0.01	0.01
SoapTank2	Soap Tank 2	VOC	0.01	0.01
Classifier	Classifier	VOC	0.25	1.10
Amine-1	Amine Unit Still Vent	VOC	1.99	8.68
		H ₂ S	1.33	5.81
HMHTR-1A	Plant Hot Oil Heater	NO _x	0.80	3.48
		CO	0.67	2.93
		SO ₂	0.01	0.03
		PM ₁₀	0.07	0.27
		VOC	0.05	0.20
GLYREB	Glycol Unit Reboiler	NO _x	0.20	0.86
		CO	0.17	0.73
		SO ₂	0.01	0.01
		PM ₁₀	0.02	0.05
		VOC	0.02	0.05
CoolTower	Cooling Water Tower	VOC	0.36	1.58

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Flare1	Emergency/Process Vent	NO _x	0.05	0.22
		CO	0.10	0.44
		SO ₂	0.01	0.04
		H ₂ S	0.01	0.01
		VOC	0.25	1.09
FWPmpEng	Firewater Pump engine	NO _x	14.02	6.14
		CO	3.02	1.33
		SO ₂	0.93	0.41
		PM ₁₀	0.99	0.44
		VOC	1.15	0.51

- (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
PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
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: 9/30/2016