

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 1306

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. 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 *	
			lb/hr	TPY **
202H	Glycol Dehydrator 2 Reboiler	CO	0.25	1.08
		NO _x	0.29	1.29
		PM ₁₀	0.02	0.10
		SO ₂	0.01	
		VOC	0.02	0.07
301	Waukesha L7040 Engine 650 horsepower	CO	5.73	25.11
		NO _x	21.50	94.17
		PM ₁₀	0.11	0.47
		SO ₂	0.02	
		VOC	1.43	6.28
302	Waukesha L7588GU Engine 575 horsepower	CO	2.53	
		NO _x	9.51	
		PM ₁₀	0.05	
		SO ₂	0.01	
		VOC	0.63	
303	Waukesha L7588GU Engine 575 horsepower	CO	2.53	
		NO _x	9.51	
		PM ₁₀	0.05	
		SO ₂	0.01	
		VOC	0.63	
	Total Annual Emissions for EPNs 302 and 303 (5)	CO		22.22
		NO _x		83.30
		PM ₁₀	0.42	
		SO ₂		0.02
		VOC	5.56	

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY **
304A/304B	Amine Heater 3A (35.1 MMBtu/hr)	CO	2.90	12.66
		NO _x	2.80	12.30
		PM ₁₀ 0.26	1.14	
		SO ₂	0.02	0.10
		VOC 0.18	0.82	
305A/305B	Amine Heater 3B (35.1 MMBtu/hr)	CO	2.90	12.66
		NO _x	2.80	12.30
		PM ₁₀ 0.26	1.14	
		SO ₂	0.02	0.10
		VOC 0.18	0.82	
307	TEG Heater	CO	0.21	0.90
		NO _x	0.24	1.07
		PM ₁₀ 0.02	0.08	
		SO ₂	0.01	0.04
		VOC	0.01	0.06
309	TGI	CO	79.20	346.91
		H ₂ S 1.20	5.25	
		NO _x	0.99	4.33
		PM ₁₀ 0.03	0.13	
		SO ₂	223.10	977.23
		VOC	0.29	1.32
310	Acid Gas Flare (Pilot Fuel Only)	CO	0.01	0.05
		NO _x	0.01	0.02
		SO ₂	0.01	0.01
		VOC 0.01	0.01	
	(No. 2 Glycol Flash) (Tank Vent Only)	CO	0.06	0.24
		NO _x	0.03	0.12
		SO ₂	0.01	0.01
		VOC 0.01	0.04	

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY **
311	Steam Boiler (6.50 MMBtu/hr)	CO	0.53	2.34
		NO _x	0.64	2.78
		PM ₁₀	0.21	
		SO ₂	0.02	
		VOC	0.15	
312	Acid Gas Preheater (4.90 MMBtu/hr)	CO	0.40	1.77
		NO _x	0.48	2.10
		PM ₁₀	0.04	0.16
		SO ₂	0.01	0.02
		VOC	0.03	0.12
MIVIDA-FUG	Process Fugitives (4)	H ₂ S	0.01	0.07
		VOC	0.87	

- (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) CO - carbon monoxide
H₂S - hydrogen sulfide
NO_x - total oxides of nitrogen
PM₁₀ - particulate matter equal to or less than 10 microns in diameter.
SO₂ - sulfur dioxide
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Combined annual emissions are limited to 8760 hours per calendar year of operation.

* Emission rates are based on and the facilities are limited by the following maximum rate schedule:

Hrs/day 24 Days/week 7 Weeks/year 52

** Compliance with annual emission limits is based on a rolling 12-month period.