

EMISSION SOURCES – MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 676A/PSDTX1246

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)
AMINE-TK	500-bbl Amine Make-up Tank	VOC	0.01	0.01
FLR01	Acid Gas Flare Pilot Fuel Only	CO	0.02	0.10
		NO _x	0.01	0.03
		SO ₂	0.01	0.01
		VOC	0.01	0.01
HTR1-STK	Regeneration Gas Heater 110	CO	0.20	0.88
		NO _x	0.24	1.05
		PM ₁₀	0.02	0.08
		SO ₂	0.01	0.01
		VOC	0.01	0.06
HTR2-STK	Glycol Reboiler 5.25 MMBtu/hr	CO	0.44	1.93
		NO _x	0.53	2.30
		PM ₁₀	0.04	0.17
		SO ₂	0.01	0.01
		VOC	0.03	0.13
INCIN	SRU Tail Gas Incinerator (6)	CO	42.24	185.00
		H ₂ S	3.77	16.50
		NO _x	3.20	14.00
		PM ₁₀	0.09	0.40
		SO ₂	481.70	1521.80
		VOC	0.07	0.29
TGI	SRU Tail Gas Incinerator (7) (9)	CO	8.17	35.79
		H ₂ S	3.77	16.50
		NO _x	2.88	12.61
		PM ₁₀	0.27	1.20
		SO ₂ (8)	481.70	1521.80
		VOC	0.20	0.87
SULF-LOAD	Sulfur Tank Truck Loading	H ₂ S	0.01	0.02
FUG	Plant Process Fugitives (5)	H ₂ S	0.17	0.75
		VOC	5.64	24.72
FUG-TGI	TGI Process Fugitives (5)	H ₂ S	0.01	0.01

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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) CO - carbon monoxide
H₂S - hydrogen sulfide
NO_x - total oxides of nitrogen
PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
SO₂ - sulfur dioxide
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- (4) Compliance with annual emission limits is based on a calendar year (January through December).
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (6) Old TGI operation shall cease after 180 days of EPN TGI operation
- (7) New TGI operation
- (8) PSD pollutant
- (9) Planned maintenance, startup and shutdown activities and emissions are included in hourly and annual emission values from this EPN.

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

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

Date: _____