

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 2211A

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**
AGFLR-1	Emergency Flare (Pilot Fuel Emissions Only)	CO	0.11	0.48
		NO _x	0.01	0.06
		SO ₂	0.01	0.04
		VOC	0.02	0.08
H-44	Glycol Regenerator Heater Stack	CO	0.28	1.21
		NO _x	0.33	1.42
		PM ₁₀	0.03	0.11
		SO ₂	0.01	0.01
		VOC	0.02	0.08
INC-1	SRU Incinerator Stack	CO	54.80	240.00
		H ₂ S	3.13	13.68
		NO _x	1.03	4.50
		PM ₁₀	0.08	0.34
		SO ₂	589.04	2580.00
		VOC	0.06	0.24
L-S	Sulfur Tank Truck Loading	H ₂ S	0.36	1.54
SC-1	Spent Caustic Tank (5)	H ₂ S	31.29	4.51
FUG-CAU	Process Fugitives (4)	H ₂ S	0.01	0.01
		VOC	0.01	0.01
FUG-1	SRU Process Fugitives (4)	H ₂ S	0.02	0.06

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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
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1.
PM₁₀ - particulate matter (PM) equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.
H₂S - hydrogen sulfide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Pre control emission rate. This EPN exhaust shall be directed to a vapor recovery unit on and after January 1, 2011 and not vent to atmosphere.

* 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

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

Dated: December 1, 2010