

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 22050

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)	<u>Emission Rates *</u>	
			lb/hr	TPY**
FI-03	Incinerator	NO _x	1.55	2.80
		CO	1.30	2.35
		SO ₂	1.39	1.35
		VOC	0.53	0.66
		PM ₁₀ /PM _{2.5}	0.12	0.21
		H ₂ S	0.01	0.01
S-7	Scrubber	VOC	0.01	0.01
#1PF	Plate and Frame Filter Fugitives	VOC	1.30	1.07
#3PF	Plate and Frame Filter Fugitives	VOC	2.19	2.96
#10PF	Plate and Frame Filter Fugitives	VOC	0.37	0.30
#11PF	Plate and Frame Filter Fugitives	VOC	0.37	0.30
#13PF	Plate and Frame Filter Fugitives	VOC	0.37	0.30
FUG	Process Fugitives (4)	VOC	2.37	10.40
		PM ₁₀	0.06	0.01
FL-MMB	Emergency Flare	CO	13.00	7.52

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
		NO _x	5.69	3.76
		VOC	9.64	2.83
		SO ₂	1.75	0.62
		H ₂ S	0.01	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) NO_x - total oxides of nitrogen
CO - carbon monoxide
SO₂ - sulfur dioxide
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code ' 101.1
PM₁₀ - particulate matter (PM) less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.
PM_{2.5} - PM less than 2.5 microns in diameter.
H₂S - hydrogen sulfide
- (4) Fugitive emissions an estimate only and should not be considered as a maximum allowable emission rate.

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

Hrs/day _____ Days/week _____ Weeks/year _____ or Hrs/year 8,760

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

Dated August 8, 2011