

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 22095

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
15	Unit Flare	VOC	2.27	9.95
		NO _x	0.09	0.41
		CO	0.67	2.95
ZO-1	PM Handling System	PM	0.04	0.19
FA-1	PM Handling System	PM	0.05	0.19
121PF1	Plate and Frame Filter (4)	VOC	4.62	6.75
121PF2	Plate and Frame Filter (4)	VOC	4.62	6.75
121PF3	Plate and Frame Filter (4)	VOC	4.62	6.75
121FUG	121 Fugitives (4)	VOC	0.49	2.15
S-9	Scrubber	VOC	0.62	0.04
Z-44	Tank Z-44	ZDTP	5.05	0.14
Z-45	Tank Z-45	ZDTP	5.05	0.19
Z-49	Tank Z-49	ZDTP	5.05	0.19

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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) PM - particulate matter suspended in the atmosphere, including PM₁₀.
PM₁₀ - particulate matter 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.
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
NO_x - total oxides of nitrogen
CO - carbon monoxide
ZDTP - zinc dithiophosphate
- (4) Fugitive emissions are 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 May 12, 2005