

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 21999

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**
FL-1	Flare	VOC	232.91	6.84
		Acetone	5.35	2.67
		Ammonia	62.61	6.26
		CO	23.10	1.08
		SO ₂	71.76	11.90
		NO _x	2.70	0.13
CAU-1	Carbon Adsorption Unit	VOC	1.26	2.21
CL-1	Cleaning Area	VOC	64.08	9.34
		Acetone	0.12	0.06
FUG	Process Area Fugitives (4)	VOC	0.10	0.44
BLR-1	Boiler No. 1	NO _x	0.41	1.79
		SO ₂	0.002	0.011
		CO	0.34	1.51
		VOC	0.02	0.10
		PM	0.03	0.14
BLR-2	Boiler No. 2	NO _x	0.41	1.79
		SO ₂	0.002	0.011
		CO	0.34	1.51
		VOC	0.02	0.10
		PM	0.03	0.14

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- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names. For fugitive sources use area name or fugitive source name.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
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 particulate
matter greater
than 10
microns is
emitted.

NO_x -

total oxides of nitrogen

SO₂ -

sulfur dioxide

CO - carbon monoxide

- (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 July 14, 2004