

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 6221

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**
A-512	Oleum Scrubber Vent	SO ₃	0.06	0.26
B-532	Brine Surge Tank	VOC	0.01	0.01
B-550	Reactor Vent	PM	0.01	0.01
B-570	Ammonia Scrubber	NH ₃	0.01	0.01
B-632	Brine Surge Tank	VOC	0.01	0.01
DC-B580	Dust Collector	PM	0.01	0.01
FU-VIN-MON	Plant Fugitives (4)	VOC	2.13	9.31
T-1	NaAMPS Loading	VOC	0.02	0.04
X-502	Thermal Oxidizer	VOC	0.09	0.11
		PM	0.13	0.40
		NO _x	0.21	0.90
		CO	0.17	0.20
		SO ₂	0.01	0.01
X-500	Flare	VOC	1.68	2.52
		PM	0.02	0.04
		NO _x	0.32	0.51
		CO	0.27	0.44
		SO ₂	0.01	0.10
FU-TBAA	TBAA Fugitives (4)	VOC	0.28	1.23

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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
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
SO₃ - sulfur trioxide
CO - carbon monoxide
NH₃ - ammonia
- (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 28, 2006