

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 19002

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-218	Raw Material Storage Tank	VOC	0.08	<0.01
B-216	Filter Receiver Storage Tank	VOC	0.41	0.04
B-217	Filter Receiver Storage Tank	VOC	0.41	0.04
C-214	Finished Product Storage Tank	VOC	1.10	0.23
K-F201	Plate and Frame Filter Press	VOC	0.37	0.08
		PM 0.08	0.05	
K-F204	Plate and Frame Filter Press	VOC	0.37	0.08
		PM 0.08	0.05	
X-201	Fume Incinerator	VOC	0.37	0.25
		NO _x 1.40	1.00	
		CO 0.30	0.21	
		HCl 0.18	0.07	
X-202	Flare	VOC	7.47	0.44
		NO _x 2.70	0.16	
		HCl 0.18	<0.01	
		PM <0.01	<0.01	
		CO 3.80	0.23	
AAA-LOAD	Alkarylamine Loading	VOC	0.37	0.14
PROTRILOAD	Recovered Propylene Trimer Loading	VOC	0.04	<0.01

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
AAA-FUG	Fugitive Emissions (4)	VOC	0.34	1.49
FH-200	Hot Oil Heater	NO _x	0.12	0.54
		CO	0.10	0.45
		PM	<0.01	0.04
		VOC	<0.01	0.03
		SO ₂	0.02	0.08

- (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 an area name or fugitive source name.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
 NO_x - total oxides of nitrogen
 CO - carbon monoxide
 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.
 SO₂ - sulfur dioxide
 HCl - hydrogen chloride
- (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 7,860 Hrs/year

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

Date May 17, 2004