

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 19394

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**
55	Catalyst Activator	PM Filter	0.008	0.0011
56	Catalyst Activator Heater	VOC	0.018	0.036
		NO _x	0.899	1.8
		SO ₂	0.4	0.8
		PM	0.006	0.012
		CO	0.225	0.45
57	Catalyst Storage	PM Filter	0.00015	0.0006
58	Flare	VOC	46.50	92.32
		NO _x	6.17	9.21
		CO	52.90	79.00
		SO ₂ 0.46	0.25	
59	Fugitives (4)	VOC	4.73	18.92
60	Cooling Tower (4)	VOC	0.504	2.21
61 and 62	1A/B Filter	VOC	0.0056	0.022
		PM	0.376	1.503
63, 64, and 65	Fluff Filter	VOC	0.225	0.9
		PM	0.383	1.53
66, 67, and 68	Fluff Filter	VOC	3.1	12.3
		PM	0.383	1.53

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			<u>lb/hr</u>	<u>TPY**</u>
69	Blender Vent	PM	0.0041	0.0165
70	Fines Separator	PM	0.01	0.01

- (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
 SO₂ - sulfur dioxide
 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 PM greater than 10 microns is emitted.
- (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 8,760 Hrs/year

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

Dated February 18, 2005