

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 35735

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 *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	
<u>TPY**</u>				
P4ADDFEED	Additive Feeder	Nitrogen PM	0.01	0.02
P4DRHOPVT	Powder Feed Hopper	Vents PM	0.01	0.04
P4PELFLTR	Pellet Bag Filter	PM	0.77	2.78
P4FLARE	Flare Stack	Total VOC	343.50	50.88
		Propylene	287.17	49.11
		Ethylene	56.33	1.77
		NO _x	55.34	11.44
		CO	285.34	59.52
		SO ₂	0.01	0.05
P4CWT	Cooling Tower	Total VOC	0.63	2.76
		Propylene	0.63	2.62
		Ethylene	0.63	0.14
		PM ₁₀	1.13	4.93
P4EMGEN	Emergency Generator	PM ₁₀	1.48	0.04
		CO	4.48	0.12
		NO _x	20.79	0.54
		VOC	1.69	0.04
		SO ₂	1.37	0.04
P4VALVEFUG	Fugitive Emissions (4)	Total VOC	10.95	47.97
		Propylene	10.40	45.57
		Ethylene	0.55	2.40

- (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) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- NO_x - total oxides of nitrogen
- SO₂ - sulfur dioxide
- 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.
- CO - carbon monoxide
- (4) Emission rate is an estimate and compliance is demonstrated by meeting the requirements of the applicable special conditions and permit application representations.

* 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 the annual emission rates is based on a rolling 12-month period.

Dated February 6, 2008