

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 4157A

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>	
	TPY**			
1-103	Secondary Compressor	VOC	0.50	2.19
1-128	Dryer A	VOC	***	***
1-129	Dryer B	VOC	***	***
1-132 - 147	Test Bins and Silos	PM VOC ***	0.69 ***	0.13
1-148 - 153	Additive Storage	PM	0.01	0.04
1-164	Hexane Tank	VOC	0.10	0.43
1-165	Solvent Tank	VOC	0.10	0.23
1-167	Flare	VOC NO <sub>x</sub> CO	7.35 3.13 22.58	32.18
1-174	Polyethylene Wax Bin	VOC	0.11	0.50
1-175	Fugitives (4)	VOC	9.11	39.90
1-300	Cooling Tower	VOC	0.76	3.31
2-106	Steam Generator C	PM VOC NO <sub>x</sub> SO <sub>2</sub> CO	0.45 1.12 55.79 0.15 13.95	1.99

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2-116	Product Bins	PM	0.03	0.12
		VOC ***	***	

- (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<sub>x</sub> - total oxides of nitrogen  
SO<sub>2</sub> - sulfur dioxide  
PM - particulate matter, suspended in the atmosphere, including PM<sub>10</sub>.  
PM<sub>10</sub> - 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) 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.

\*\*\* The combined maximum allowable emission rates for EPNs cited are 11.92 pounds per hour and 52.00 tons per year VOC.

Dated June 27, 2003