

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 48592

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 Rates*	Source	Air Contaminant	Emission	
Point No. (1)	Name (2)	Name (3)	lb/hr	
TPY**				
025D10	Bin Vent	PM	0.24	0.11
		PM <sub>10</sub>	0.24	0.11
025D15	Bin Vent	PM	1.84	0.18
		PM <sub>10</sub>	1.84	0.18
025D40	Bin Vent	PM	0.01	0.03
		PM <sub>10</sub>	0.01	0.03
025D8	Bin Vent	PM	0.24	0.11
		PM <sub>10</sub>	0.24	0.11
025D803	Bin Vent	PM	0.01	0.01
		PM <sub>10</sub>	0.01	0.01
025D803BX	Bin Vent	PM	0.05	0.01
		PM <sub>10</sub>	0.05	0.01
025MU10	Bin Vent	PM	0.17	0.09
		PM <sub>10</sub>	0.17	0.09
025PL803	Pressure Lock Vent	PM	0.10	0.44
		PM <sub>10</sub>	0.10	0.44
F065FG5	Material Handling	PM	0.02	0.01
		PM <sub>10</sub>	0.02	0.01
025PL10	Pressure Lock Vent	PM	0.10	0.44
		PM <sub>10</sub>	0.10	0.44
025RS19	Receiver Vent	PM	0.03	0.12

PM <sub>10</sub>	0.03	0.12
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<u>Emission Rates*</u>	Source	Air Contaminant	<u>Emission</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	
<u>TPY**</u>				
025RS23	Bin Vent	PM	0.01	0.01
		PM <sub>10</sub>	0.01	0.01
025T109	Tank Vent	VOC	0.12	0.01
025T56	Tank Vent	VOC	1.05	3.57
025T62	Scrubber Vent (FINs T51 and T58)	VOC	7.95	34.64
025T69	Tank Vent	VOC	0.01	0.01
025WW62	Wastewater	VOC	0.07	0.31
065D801	Bin Vent	PM	0.03	0.11
		PM <sub>10</sub>	0.03	0.11
		Maleic Anhydride	0.08	0.17
065D802	Bin Vent	PM	0.03	0.11
		PM <sub>10</sub>	0.03	0.11
		Maleic Anhydride	0.08	0.17
065PL280	Pressure Lock Vent	PM	0.24	0.22
		PM <sub>10</sub>	0.24	0.22
065RS18	Bin Vent	PM	0.03	0.11
		PM <sub>10</sub>	0.03	0.11
065VS3	Rotoformer Vent	Maleic Anhydride	0.04	0.17
F025FG2	Fugitives (4)	VOC	1.34	5.72
025MNT2	MSS Activities	PM	0.07	0.01
		PM <sub>10</sub>	0.07	0.01
		VOC	16.91	0.73

- (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 suspended in the atmosphere, including PM<sub>10</sub>.  
PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter.

VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

- (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 September 20, 2011