

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 21045

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 **
SCRUB-21	Scrubber	NH <sub>3</sub>	1.83	0.61
T-HOLD	Holding Tank	NH <sub>3</sub>	0.05	0.01
HEAT-25	Hot Oil Heater	NO <sub>x</sub>	0.50	2.19
		CO	0.42	1.84
		PM/PM <sub>10</sub>	0.04	0.17
		VOC	0.03	0.12
		SO <sub>2</sub>	0.08	0.33
T-105	Storage Tank	VOC	0.08	0.01
T-106	Storage Tank	VOC	0.01	0.01
T-107	Storage Tank	VOC	0.01	0.01
T-108	Storage Tank	VOC	0.01	0.01
FU-1	Fugitives (4)	NH <sub>3</sub>	0.13	0.56
		VOC	0.15	0.64
FU-22	Flaker and Bagging Fug (4)	PM/PM <sub>10</sub>	0.10	0.43
		VOC	0.01	
TC-10	Railcar Loading	VOC	0.01	0.01
LOAD_DR	Drum Loading Station	VOC	0.01	0.01
LOAD_TR	Truck Loading Station	VOC	0.02	0.01

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- (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 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. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.  
SO<sub>2</sub> - sulfur dioxide  
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1  
NO<sub>x</sub> - total oxides of nitrogen  
NH<sub>3</sub> - ammonia  
CO - carbon monoxide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

\* Emissions are based on a maximum operating schedule of 8,760 hrs/yr.

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

Dated May 29, 2003