

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 43752

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**
DNX-FUG	Equipment Fugitives (4)	VOC	0.73	3.22
ST-17A	Common Filter System	PM <sub>10</sub>	2.93	12.80
ST-17B	Catalytic Oxidizer	VOC	1.77	7.75
		NO <sub>x</sub>	0.76	1.66
		CO	0.64	1.40
		PM <sub>10</sub>	0.06	0.13
		SO <sub>2</sub>	0.01	0.02
ST-17C	Thermal Oxidizer Scrubber Stack	VOC	0.57	1.34
		NO <sub>x</sub>	0.70	3.07
		CO	0.59	2.58
		PM <sub>10</sub>	0.78	3.42
		SO <sub>2</sub>	2.72	3.99
ST-17D	Decomposition Furnaces	VOC	0.04	0.14
		NO <sub>x</sub>	0.48	2.03
		CO	0.48	2.12
		PM <sub>10</sub>	0.05	0.19
		SO <sub>2</sub>	0.02	0.02
		NH <sub>3</sub>	1.05	4.58
T-6111	Storage Tank T-6111	VOC	0.01	0.01
T-6212	Storage Tank T-6212	VOC	0.01	0.02

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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 an area name or fugitive source name.

(3) VOC - volatile organic compounds as defined in the Title 30 Texas Administrative Code § 101.1

NO<sub>x</sub> - total oxides of nitrogen

CO - carbon monoxide

PM<sub>10</sub> - particulate matter (PM), 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.

SO<sub>2</sub> - sulfur dioxide

NH<sub>3</sub> - ammonia

(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 August 31, 2007