

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 89872

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)	<u>Emission Rates *</u>	
			lb/hr	TPY**
EP-1	Truck/Railcar Loadout Racks	VOC (4)	0.22	0.97
EP-2	Piping Components	VOC (4)	0.51	2.22
EP-3	SRS Process System	VOC (4)	1.47	6.45
EP-4	Greenline Process System	VOC (4)	1.15	5.02
EP-10	Cooling Tower	PM <sub>2.5</sub> /PM <sub>10</sub> *** (4)	0.03	0.13
		VOC (4)	0.42	1.83
EP-11	Oil Heater	PM <sub>10</sub>	0.04	0.16
		SO <sub>2</sub>	0.01	0.01
		NO <sub>x</sub>	0.49	2.15
		CO	0.41	1.80
		VOC	0.03	0.12
EP-12	Railcar Heater	PM <sub>10</sub>	0.08	0.35
		SO <sub>2</sub>	0.01	0.01
		NO <sub>x</sub>	1.05	4.59
		CO	0.88	3.86
		VOC	0.06	0.25
EP-13	Vent Condenser	VOC (5)	2.70	3.98

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

- (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  
PM<sub>10</sub> - particulate matter (PM) equal to or less than 10 microns in diameter  
PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter  
SO<sub>2</sub> - sulfur dioxide  
NO<sub>x</sub> - total oxides of nitrogen  
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.
- (5) The tanks (TK 900, 901, 104, 105, and IE-T-103) shall be routed to the vent condenser.

\* 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.

\*\*\* Up to 100 percent of PM<sub>10</sub> emissions may be PM<sub>2.5</sub> emissions.

Dated May 24, 2010