

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 21392

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**
80STABLRBL	Heater (21 MMBtu/hr)	NO <sub>x</sub>	3.38	14.79
		CO	1.54	6.74
		SO <sub>2</sub>	0.60	0.83
		VOC	0.11	0.48
		PM	0.16	0.69
80CHRGHTR	Heater (49 MMBtu/hr)(5)	NO <sub>x</sub>	5.90	25.85
		CO	3.09	13.53
		SO <sub>2</sub>	1.41	1.93
		VOC	0.11	0.46
		PM	0.12	0.54
80CHRGHTR	Heater (49-59 MMBtu/hr)(6)	NO <sub>x</sub>	1.18	5.16
		CO	0.66	6.47
		SO <sub>2</sub>	0.28	0.38
		VOC	0.17	0.74
		PM	0.32	1.39
80DHTFUG	Fugitive DHT (4)	VOC	2.02	8.86
14NEASTFLR	Flare (7)	VOC	0.06	0.25

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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) NO<sub>x</sub> - total oxides of nitrogen  
CO - carbon monoxide  
SO<sub>2</sub> - sulfur dioxide  
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1  
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.
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Permit No. 21392 authorizes firing rate up to 49MMBtu/hr with these maximum allowable emission rates.
- (6) Incremental 10 MMBtu/hr firing rate (from 49MMBtu/hr to 59MMBtu/hr) is still authorized under Permit by Rule Registration No. 46118 with these maximum allowable emission rate increases.
- (7) Emissions from this unit only.

\* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

Hrs/day 24 Days/week 7 Weeks/year 52 or Hrs/year \_\_\_\_\_

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

Dated December 12, 2003