

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 56531

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 **			
400E02	Fire Water Pump (52 hours per rolling year)	CO	3.21	0.08
		NO <sub>x</sub>	14.91	0.39
		PM <sub>10</sub>	1.05	0.03
		SO <sub>2</sub>	0.98	0.03
		VOC	1.22	0.03
400S04	Burn Tank Nos. 1 and 3 (Pilot Emissions Only)	CO	0.03	0.12
		NO <sub>x</sub>	0.04	0.07
		SO <sub>2</sub>	0.01	0.01
		VOC	0.10	0.36
400S05	Burn Tank No. 2 (Pilot Emissions Only)	CO	0.03	0.12
		NO <sub>x</sub>	0.04	0.07
		SO <sub>2</sub>	0.01	0.01
		VOC	0.10	0.36
EEG-01	Emergency Electrical Generator (100 hours per rolling year)	CO	3.62	0.18
		NO <sub>x</sub>	18.77	0.94
		PM <sub>10</sub>	0.24	0.01
		SO <sub>2</sub>	1.32	0.07
		VOC	0.93	0.05
MF-01	Permanent Maintenance Flare	CO (5)	57.90	1.80
		NO <sub>x</sub> (5)	29.00	0.90
		SO <sub>2</sub> (5)	1.71	0.05
		VOC (5)	121.60	3.41
MG-02	Atmospheric Degassing (6)	VOC	0.0	0.0
PIT-1	Brine Pit No. 1	VOC	4.85	2.92

PIT-2	Brine Pit No. 2	VOC	4.85	2.92
PIT-3	Brine Pit No. 3	VOC	4.85	2.92
TANK-EG	Diesel Fixed-Roof Tank	VOC	0.01	0.01
TANK-FP	Diesel Fixed-Roof Tank	VOC	0.01	0.01
F400	Process Fugitives (4)	VOC	0.90	3.95

- (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) CO - carbon monoxide  
NO<sub>x</sub> - total oxides of nitrogen  
PM<sub>10</sub> - particulate matter (PM) less than 10 microns in diameter  
SO<sub>2</sub> - sulfur dioxide  
VOC - volatile organic compounds as defined in the 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.
- (5) Planned maintenance, startup, and shutdown activities and emissions and pilot fuel only.
- (6) Planned maintenance, startup, and shutdown activities and emissions only.

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

24 Hrs/day 7 Days/week 52 Weeks/year

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