

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 1093

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**
A-160	Tank	VOC	0.01	0.01
A-170	Tank	VOC	0.11	0.06
A-174	Tank	SO <sub>2</sub>	0.08	0.01
SA-176	Scrubber	SO <sub>2</sub>	0.24	0.03
A-179	Tank	VOC	4.54	0.10
B-127	Tank	VOC	0.17	0.01
SB-128	Scrubber	VOC	0.23	0.01
B-152	Tank	VOC	4.58	0.24
B-181	Tank	VOC	4.40	0.08
C-130	Tank	VOC	2.15	0.27
C-131	Tank	VOC	2.35	0.04
SC-133	Scrubber	VOC	4.64	1.08
C-134	Tank	VOC	2.15	0.30
C-135	Tank	VOC	2.15	0.24
C-136	Tank	VOC	2.15	0.71

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

C-137	Tank	VOC	2.35	0.15
C-138	Tank	VOC	2.35	0.32
C-139	Tank	VOC	3.13	0.79
FUG-1	Fugitive (4)	VOC	1.01	4.44
X-201	Fume Incinerator (6)	VOC	0.07	0.18
		SO <sub>2</sub>	48.00	16.80
FA-1	Baghouse	PM	0.10	0.01
FAUB-1	Baghouse	PM	0.05	0.01
HYLV-1	Baghouse	PM	0.25	0.05
HUB-2	Baghouse	PM	0.10	0.07
MOUB-1	Baghouse	PM	0.17	0.03
F-103	Plate and Frame Filter (5)	VOC	0.15	0.18
F-104	Plate and Frame Filter (5)	VOC	0.18	0.21
F-110	Plate and Frame Filter (5)	VOC	1.22	0.56
F-111	Plate and Frame Filter (5)	VOC	1.15	0.53
X-100	Flare	SO <sub>2</sub>	48.02	9.73
		NO <sub>x</sub>	2.54	3.49
		CO	21.67	29.59
		VOC	4.84	4.92

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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 Title 30 Texas Administrative Code § 101.1
  - NO<sub>x</sub> - total oxides of nitrogen
  - SO<sub>2</sub> - sulfur dioxide
  - PM - particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>
  - PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter
  - 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) Emission rate is an estimate and compliance is demonstrated by meeting the requirements of the applicable special conditions and permit application representations.
- (6) The combustion emission rates for this facility are authorized by Permit No. 1685.

\* 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: September 23, 2011