

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, sources, and related activities. 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	
			lbs/hour	TPY (4)
A-160	Tank	VOC	0.01	0.01
A-170	Tank	VOC	0.11	0.06
A-174	Tank	SO ₂	0.08	0.01
SA-176	Scrubber	SO ₂	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
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 (5)	VOC	1.01	4.44

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X-201	Vapor Oxidizer (6)	VOC	0.07	0.18
		SO2	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	VOC	4.84	4.92
		SO2	48.02	9.73
		NOx	2.54	3.49
		CO	21.67	29.59
MSS-PROC1	Planned Maintenance Emissions	VOC	8.74	0.52

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources, use area name or fugitive source name.

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- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- NO_x - total oxides of nitrogen
- SO₂ - sulfur dioxide
- PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
- PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
- PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
- CO - carbon monoxide
- (4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (6) The combustion emission rates for this facility are authorized by Permit No. 1685.

Date: July 24, 2013