

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-170	Storage Tank	VOC	0.01	0.01
A-174	Storage Tank	VOC	0.01	0.01
SA-176	Scrubber	SO ₂	0.24	0.03
B-127	Storage Tank	VOC	0.04	0.01
SB-128	Scrubber	VOC	0.06	0.01
B-181	Process Vessel	VOC	4.40	0.08
C-130	Storage Tank	VOC	0.77	0.10
C-131	Storage Tank	VOC	1.75	0.04
SC-133	Scrubber	VOC	4.12	0.35
C-134	Storage Tank	VOC	0.77	0.20
C-135	Storage Tank	VOC	0.77	0.20
C-136	Storage Tank	VOC	0.82	0.24
C-137	Storage Tank	VOC	1.75	0.14
C-138	Storage Tank	VOC	1.75	0.32
C-139	Storage Tank	VOC	0.45	0.01
FUG-1	Fugitive (5)	VOC	1.01	4.45
X-201	Vapor Oxidizer (6)	VOC	0.07	0.18
		SO ₂	48.00	16.80

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FA-1	Baghouse	PM	0.10	0.01
		PM ₁₀	0.10	0.01
		PM _{2.5}	0.10	0.01
FAUB-1	Baghouse	PM	0.05	0.01
		PM ₁₀	0.05	0.01
		PM _{2.5}	0.05	0.01
HYLV-1	Baghouse	PM	0.25	0.05
		PM ₁₀	0.25	0.05
		PM _{2.5}	0.25	0.05
HUB-2	Baghouse	PM	0.10	0.07
		PM ₁₀	0.10	0.07
		PM _{2.5}	0.10	0.07
MOUB-1	Baghouse	PM	0.17	0.03
		PM ₁₀	0.17	0.03
		PM _{2.5}	0.17	0.03
F-103	Plate and Frame Filter (5)	VOC	0.05	0.22
F-104	Plate and Frame Filter (5)	VOC	0.05	0.09
F-110	Plate and Frame Filter (5)	VOC	0.02	0.07
F-111	Plate and Frame Filter (5)	VOC	0.02	0.06
X-100	Flare	VOC	4.84	4.92
		SO ₂	48.02	9.73
		NO _x	2.54	3.49
		CO	21.67	29.59
MSS-PROC1	Planned Maintenance Emissions	VOC	8.74	0.52

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- (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.
- (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: March 1, 2017