

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 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

<u>Emission</u> *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>		<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>
TPY				
A-160	Tank	VOC	<0.01	<0.01
A-170	Tank	VOC	<0.01	<0.01
A-174	Tank	SO ₂	0.06	<0.01
A-175	Tank	VOC	4.01	0.07
SA-176	Scrubber	SO ₂	0.27	0.03
A-179	Tank	VOC	4.54	0.12
B-105	Tank	VOC	1.74	0.29
MB-109	Tank	VOC	1.44	1.76
B-120	Tank	VOC	1.75	0.29
B-127	Tank	VOC	0.17	<0.01
SB-128	Scrubber	VOC	0.14	0.01
B-152	Tank	VOC	1.62	0.29
B-181	Tank	VOC	3.07	0.09
C-130	Tank	VOC	2.17	0.31
C-131	Tank	VOC	2.35	0.06
SC-133	Scrubber	VOC	1.53	1.21

C-134	Tank	VOC	2.17	0.35
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Point No. (1)	Name (2)	Name (3) lb/hr		TPY
C-135	Tank	VOC	2.17	0.28
C-136	Tank	VOC	1.60	0.80
C-137	Tank	VOC	2.35	0.18
C-138	Tank	VOC	2.35	0.30
C-139	Tank	VOC	1.32	0.09
FUG-1	Fugitive (4)	VOC	3.27	14.26
		SO ₂	0.02	0.09
		PM	0.20	0.88
X-201	Incinerator (5)	PM ₁₀	0.01	0.05
		SO ₂	48.01	16.80
		NO _x	0.72	2.29
		CO	0.05	0.18
		VOC	0.14	0.50
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	0.12
F-103	Plate and Frame Filter (4) 0.18	VOC		0.15
F-104	Plate and Frame Filter (4) 0.21	VOC		0.18

F-110	Plate and Frame Filter (4) 0.56	VOC	1.22
F-111	Plate and Frame Filter (4) 0.53	VOC	1.15

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<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
X-203	Flare (5)	SO ₂	48.00	9.70
		NO _x	0.18	1.80
		CO	11.80	15.50
		VOC	4.89	7.30

- (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) PM - particulate matter
PM₁₀ - particulate matter less than 10 microns
VOC - volatile organic compounds as defined in General Rule 101.1
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
CO - carbon monoxide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Emissions attributable to this facility only. The combined annual emissions (attributable to this facility) from these sources shall not exceed 0.05 TPY PM₁₀, 16.80 TPY SO₂, 2.29 TPY NO_x, 15.50 TPY CO, and 7.30 TPY VOC.

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

Hrs/day _____ Days/week _____ Weeks/year _____ or
Hrs/year 8,760

Dated _____