

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 19002

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)	Name (2)	Source Name (3)	lb/hr	TPY	Air Contaminant	<u>Emission Rates *</u>	
SA-218		Caustic Scrubber			HCl	0.08	0.35
					VOC	<0.01	<0.01
X-201		Incinerator			PM	0.01	0.05
					SO ₂	<0.01	<0.01
					NO _x	0.70	3.09
					CO	0.05	0.22
					VOC	0.25	1.08
FUG-GAU		Fugitives (4)			VOC	1.22	5.36
NAC-1		Storage Silo			PM ₁₀	0.06	0.26
A-201		Tank A-201			VOC	0.03	0.01
B-233A		Tank B-233A			VOC	0.35	0.03
F-203		Plate and Frame Filter(4)			VOC	0.29	1.28
F-204		Plate and Frame Filter(4)			VOC	0.30	1.30
B-200		Scrubber			VOC	6.76	4.93
A-202		Tank A-202			VOC	0.02	<0.01
A-214		Tank A-214			VOC	<0.01	<0.01
B-216		Tank B-216			VOC	0.09	0.02
B-217		Tank B-217			VOC	0.09	0.02
B-223		Tank B-223			VOC	0.04	0.01
B-224		Tank B-224			VOC	0.03	0.01
B-254		Tank B-254			VOC	0.09	0.02
C-214		Tank C-214			VOC	0.09	0.01

AIR CONTAMINANTS DATA

Emission Point No. (1)	Name (2)	Source Name (3)	lb/hr	TPY	Air Contaminant	<u>Emission Rates *</u>	
X-202		Flare X-202			CO	1.72	2.03
					NO _x	0.34	0.40
					VOC	4.81	1.79

FH-200	Heater FH-200	VOC	0.02	0.09
		NOx	0.39	1.71
		SO2	0.01	0.02
		PM	0.02	0.09
		CO	0.08	0.34

- (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
NOx - total oxides of nitrogen
SO2 - sulfur dioxide
CO - carbon monoxide
HCl - hydrogen chloride
(4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

* 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_____