

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 1066

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 *	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
A100H,A300H	Scrubbers (4)	H ₂ SO ₄	1.67	5.58
A400H,A500H		HNO ₃	0.30	0.70
A100I,A200I		NO _x	6.00	22.00
A300I,A400I		CF _x	1.80	3.00
A500I,A600I		VOC	1.30	1.13
B100I,B200H		NH ₃	5.43	9.24
C100H		HCl	0.20	0.50
		NaOH	0.60	1.40
G100H,G200H	General (5)	VOC	20.00	12.00
G100I,G1100G		CFC	1.10	1.14
V100H,V100I	Baghouses (6)	PM	0.50	1.14
TANK FARM	Tank Farm	H ₂ SO ₄	<0.01	<0.01
		HNO ₃	<0.01	<0.01
		NaOH	0.04	<0.01
		NH ₃	1.10	0.04
		HCl	1.30	0.70
TETRA ETCH	Tetra Etch	VOC	3.30	10.21

- (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) H_2SO_4 - sulfuric acid
 HNO_3 - nitric acid
 CF_x - fluorocarbon
 NH_3 - ammonia
 HCl - hydrochloric acid
 NaOH - sodium hydroxide
 PM - particulate matter (fiberglass)
 VOC - volatile organic compounds as defined in General Rule 101.1
 NO_x - total oxides of nitrogen
 CFC - chlorofluorocarbons
- (4) These emission rates are a sum of all 13 scrubber stacks.
(5) These emission rates are a sum of all four general exhaust stacks.
(6) These emission rates are a sum of both baghouse stacks.

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

Hrs/day 24 Days/week 7 Weeks/year 52 or Hrs/year 8,760

Dated _____