

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 37237

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
A	Alkali Scrubber, SC-818	VOC	0.14	0.60
		NH ₃	0.18	0.56
B	Central Acid Scrubber, SC-815 0.03	H ₂ O ₂		<0.01
		H ₂ SO ₄	0.19	0.84
		HF	<0.001	<0.01
		HCl	0.01	0.04
C	Boiler	NO _x	0.44	1.93
		CO	0.78	3.42
		SO ₂	0.01	0.04
D	Process Fugitives (4)	VOC	0.06	0.263
		H ₂ O ₂	<0.01	0.02
		H ₂ SO ₄	0.04	0.17
		HF	<0.01	0.01
		HCl	<0.01	<0.01
		NH ₃	0.06	0.26
E	Emergency Generator (5)	NO _x	1.93	0.84
		CO	3.00	1.31
		SO ₂	0.01	<0.01

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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 General Rule 101.1
 - NO_x - total oxides of nitrogen
 - SO₂ - sulfur dioxide
 - CO - carbon monoxide
 - HCl - hydrogen chloride
 - HF - hydrogen fluoride
 - H₂O₂ - hydrogen peroxide
 - H₂SO₄ - sulfuric acid
 - NH₃ - anhydrous ammonia
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Emissions from emergency generator reflect authorized testing not to exceed 876 hours/year.

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

_____Hrs/day _____Days/week _____Weeks/year or 8,760
Hrs/year

Dated_____