

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 31811

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	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
EPN AS-1, AS-2, AS-3	Acid Scrubber Stacks (4) (Three Acid Scrubbers)	Acids	3.28	14.14
		Inorganic Compounds	0.82	3.17
		Specialty Gasses	0.28	1.24
		Elemental Gasses	2.25	9.87
		Halocarbons	3.47	15.18
		VOC	1.19	4.81
EPN BS-1	Ammonia Scrubber Stack	Inorganic Compounds	0.76	3.32
		Specialty Gasses (One Ammonia Scrubber)	<0.01	0.06
EPN T-2	Ammonium Hydroxide Wastewater Tank (uncontrolled)	Inorganic Compounds	<0.01	<0.01
EPN TO-1	VOC Control Device (undetermined)	VOC	18.94	82.71
		PM	0.05	0.14
		NO _x	5.86	2.65
		SO ₂	<0.01	0.01

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DATA		AIR CONTAMINANTS	
Emission Rates *	Source	Air Contaminant	<u>Emission</u>
Point No. (1)		Name (2)	Name (3) lb/hr
	TPY		
		CO	0.14 0.38
		Inorganic Compounds	0.52 2.14
		Other Organics	0.23 0.99

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.

(2) Specific point source name.

(3) VOC - volatile organic compounds as defined in General Rule 101.1.

PM - particulate matter.

NO_x - total oxides of nitrogen.

SO₂ - sulfur dioxide.

CO - carbon monoxide.

(4) These emission rates are a sum of these three scrubbers.

* These allowable emission rates do not represent the potential increases allowed under Special Condition No. 3.

Dated _____