

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 6221

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>	
A-512		Oleum Scrubber Vent			SO3	0.02	0.09
B-532		Brine Surge Tank			VOC	<0.01	<0.01
B-550		Reactor Vent			PM	<0.01	0.01
B-570		Ammonia Scrubber			NH3	<0.01	<0.01
B-632		Brine Surge Tank			VOC	<0.01	<0.01
DC-B580		Dust Collector			PM	0.01	0.03
FU-VIN-MON		Plant Fugitives (4)			VOC	2.81	12.29
T-1		Na AMPS loading			VOC	0.39	1.72
X-502		Thermal Oxidizer			VOC	0.08	0.25
					PM	0.11	0.32
					NOx	0.70	2.10
					CO	0.04	0.11
X-500		Flare			SO2	<0.01	<0.10
					NOx	0.01	0.04
					CO	<0.01	0.01
					VOC	<0.01	<0.01
					PM	<0.01	<0.01

(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

VOC - volatile organic compounds as defined in General Rule 101.1

NOx - total oxides of nitrogen

SO2 - sulfur dioxide

SO3 - sulfur trioxide

CO - carbon monoxide

NH3 - ammonia

(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 _____