

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 20577

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.

Emission Point No. (1)	Source Name (2)	Name (3)	AIR CONTAMINANTS DATA			
			Air Contaminant		Emission Rates *	
			lb/hr	TPY		
SB-901	Scrubber			HNO <sub>3</sub>	0.3	1.2
				NO <sub>x</sub>	<0.1	0.1
				NH <sub>3</sub>	2.0	0.5
				VOC	<0.1	0.1
PV-100	Ammonia Pressure Storage Vessel			NH <sub>3</sub>	0.05	0.097
TK-110	Ammonium Hydroxide Product Storage Tank			NH <sub>3</sub>	3.8	0.45
TK-111	Ammonium Hydroxide Product Storage Tank			NH <sub>3</sub>	3.8	0.45
TK-113	Nitric Acid Product Storage Tank			HNO <sub>3</sub>	0.005	0.02
TK-119	Raw Nitric Acid Tank			HNO <sub>3</sub>	0.005	0.02
				NH <sub>3</sub>	0.190	0.81
TK-106	Blend Tank 106 Vent			VOC	0.18	0.03
TK-107	Blend Tank 107 Vent			VOC	0.18	0.03
TK-122	Blend Tank 122 Vent			VOC	0.18	0.06
BL-100	Building Vent			VOC	0.22	0.09
				PM <sub>10</sub>	0.44	0.19
FUG	Fugitives (4)			HNO <sub>3</sub>	0.1435	0.6345

- (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<sub>x</sub> - total oxides of nitrogen  
 HNO<sub>3</sub> - nitric acid  
 NH<sub>3</sub> - ammonia

PM<sub>10</sub> - particulate matter less than 10 microns in diameter

- (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 Hours/year 8,760

Dated \_\_\_\_\_