

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.

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
SB-901	Scrubber	HNO ₃	0.3	1.2
		NO _x	<0.1	0.1
		NH ₃	2.0	0.5
		VOC	<0.1	0.1
PV-100	Ammonia Pressure Storage Vessel	NH ₃	0.05	0.097
TK-110	Ammonium Hydroxide Product Storage Tank	NH ₃	3.8	0.45
TK-111	Ammonium Hydroxide Product Storage Tank	NH ₃	3.8	0.45
TK-113	Nitric Acid Product Storage Tank	HNO ₃	0.005	0.02
TK-119	Raw Nitric Acid Tank	HNO ₃	0.005	0.02
FUG	Fugitives (4)	HNO ₃	0.1435	0.6345
	NH ₃	0.190	0.81	

- (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
 HNO₃ - nitric acid
 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:

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
	Hrs/day	Days/week	Weeks/year	or Hours/year <u>8,760</u>

Dated_____