

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 84176

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)	Emission Rates *	
			lb/hr	TPY**
SCRUB1	Nitric Scrubber	HNO <sub>3</sub>	0.09	0.04
		NH <sub>4</sub> NO <sub>3</sub>	0.02	0.01
SCRUB2	HCL Scrubber	HCl	0.03	0.01
SCRUB3	Acetic Scrubber	IOA	0.01	0.01
		VOC	0.12	0.05
		OA	0.02	0.01
		Ammonium	0.05	0.02
		Compounds		
PLANTFUG	Loading Fugitives	IOA	0.21	0.27
		VOC	0.27	0.35
		OA	0.05	0.05
		Ammonium	0.20	0.12
		Compounds	0.27	0.36
		PM		

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EQUIPFUG	Equipment Fugitives	IOA	0.11	0.47
		VOC	0.08	0.35
		OA	1.22	5.33
		Ammonium	0.13	0.57
		Compounds		

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

(2) Specific point source names. For fugitive sources, use an area name or fugitive source name.

(3) HNO<sub>3</sub> - Nitric Acid

NH<sub>4</sub>NO<sub>3</sub> - Ammonium Nitrate

HCl - Hydrochloric Acid

IOA - In-organic Acids with constituents such as Nitric Acid and Hydrochloric Acid

OA - Organic Acids with constituents such as Acetic Acid, Formic Acid, Propionic Acid, and 2-Ethylhexanoic Acid

(4) Emission rate is an estimate and compliance is demonstrated by meeting the requirements of the applicable special conditions and permit application representations

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

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

\*\* Compliance with annual emission limits is based on a rolling 12-month period.

Dated: May 26, 2009