

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 1445A

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 **
14-1-51	Oleum Storage Acid	SO ₂	1.15	1.00
	Scrubber	H ₂ SO ₄	0.03	0.13
	MSS (4)	H ₂ SO ₄	0.14	
12-1-3	Sulfuric Acid Storage (5)	H ₂ SO ₄	0.01	0.01
12-1-4	Sulfuric Acid Storage (5)	H ₂ SO ₄	0.01	0.01
12-1-5	Sulfuric Acid Storage (5)	H ₂ SO ₄	0.02	0.01
12-1-6	Sulfuric Acid Storage (5)	H ₂ SO ₄	0.02	0.01
OSTMSS	Oleum Storage Tank Farm MSS Emissions	H ₂ SO ₄	0.065	0.004

(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) SO₂ - sulfur dioxide

H₂SO₄ - sulfuric acid

(4) Short term scrubber emissions can increase after pressure relief valve maintenance on oleum storage drums twelve (12) times per year.

(5) This emission includes the lower emitting rate associated with startup, shutdown and clearing of the tanks for maintenance.

* 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

** Compliance with annual limits are based on a rolling 12-month period.

Dated March 24, 2011