

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 32929

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 *	Source	Air Contaminant	<u>Emission Rates</u>	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
S2	Sulfuric Acid Storage Tank and Mix Tank	H ₂ SO ₄	0.01	0.01
AT1	Acidulate Tank	H ₂ SO ₄	0.10	0.50
		Cr	0.01	0.10
AS1	Ammonium Sulfate Silo	PM ₁₀	0.07	0.01
LS1	Lime Silo	PM ₁₀	0.07	0.01
D1 thru D4	4 Tanning Drum Exhausts (a) 7.6		H ₂ S	4.77
		NH ₃	0.04	0.09
		H ₂ SO ₄	0.01	0.01
P1 thru P4	4 Pickle Tank Exhausts (b)	H ₂ SO ₄	0.01	0.01
C1 thru C4	4 Chase Exhausts (c)	H ₂ S	0.96	2.20
		NH ₃	0.78	1.70
NSH3	Storage Building	H ₂ S	0.10	0.10
BV1 thru BV16	16 Building Vents (d)	H ₂ S	2.51	6.80
		NH ₃	3.27	7.20
		H ₂ SO ₄	0.01	0.10

(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.

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(3) NH_3 - anhydrous ammonia

H_2S - hydrogen sulfide

H_2SO_4 - sulfuric acid

PM_{10} - particulate matter less than 10 microns in aerodynamic diameter

Cr - chromium

(a) Hourly and annual emission rates represent maximum combined emissions from all four drum exhausts.

(b) Hourly and annual emission rates represent maximum combined emissions from all four tank exhausts.

(c) Hourly and annual emission rates represent maximum combined emissions from all four chase exhausts.

(d) Hourly and annual emission rates represent maximum combined emissions from all sixteen building vents.

* Refer to Special Condition No. 2 for maximum production rates.

Dated_____