

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 21130

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**
SA-01	PSA Stack	SO <sub>2</sub>	161.0	222.3
		H <sub>2</sub> SO <sub>4</sub>	9.95	28.5
		NO <sub>x</sub>	3.6	17.5
SA-02	Barge Unloading	SO <sub>2</sub>	0.01	0.01
		H <sub>2</sub> SO <sub>4</sub>	0.01	0.01
SA-03	Sulfur Storage Tank	H <sub>2</sub> S	0.44	0.33
SA-04	Sulfur Unloading Pit	H <sub>2</sub> S	0.67	0.26
SA-05	Sulfur Transfer Pit	H <sub>2</sub> S	0.033	0.26
SA-06	Non-Fuming and Fuming Acid Loading	SO <sub>2</sub>	0.01	0.01
		H <sub>2</sub> SO <sub>4</sub>	0.01	0.01
SA-07	Drip Acid Tank	H <sub>2</sub> SO <sub>4</sub>	0.01	0.01
SA-08	Blend Tank	SO <sub>2</sub>	0.01	0.01
		H <sub>2</sub> SO <sub>4</sub>	0.01	0.01
SA-16	Maintenance Fume Scrubber	H <sub>2</sub> SO <sub>4</sub>	0.063	0.05

(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) SO<sub>2</sub> - sulfur dioxide  
H<sub>2</sub>SO<sub>4</sub> - sulfuric acid  
NO<sub>x</sub> - total oxides of nitrogen  
H<sub>2</sub>S - hydrogen sulfide

\* Except as specified above, emission rates are based on and the facilities are limited by the following maximum operating schedule: Hrs/year 8,760

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

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)lb/hr	<u>Emission Rates *</u> TPY
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Dated October 3, 2006