

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES  
Permit Number 1323

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

<u>Emission Point No. (1)</u>	<u>Source Name (2)</u>	<u>Air Contaminant Name (3)</u>	<u>Emission Rates *</u>	
			<u>lb/hr</u>	<u>TPY **</u>
401A	First Stage Vent	CO	0.32	1.10
		H <sub>2</sub> SO <sub>4</sub>	0.25	1.10
		NO <sub>x</sub>	0.22	0.75
		VOC	0.01	0.01
401B	Second Stage Vent	CO	0.32	1.10
		H <sub>2</sub> SO <sub>4</sub>	0.25	1.10
		NO <sub>x</sub>	0.22	0.75
		VOC	0.01	0.01
401C	Third Stage Vent	CO	0.32	1.10
		H <sub>2</sub> SO <sub>4</sub>	0.25	1.10
		NO <sub>x</sub>	0.22	0.75
		VOC	0.01	0.01
401D	Fourth Stage Vent	CO	0.32	1.10
		H <sub>2</sub> SO <sub>4</sub>	0.25	1.10
		NO <sub>x</sub>	0.22	0.75
		VOC	0.01	0.01
401E	Fifth Stage Vent	CO	0.32	1.10
		H <sub>2</sub> SO <sub>4</sub>	0.25	1.10
		NO <sub>x</sub>	0.22	0.75
		VOC	0.01	0.01

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY **
EQOP	Acid Unit Equipment Opening and Water Flush	H <sub>2</sub> SO <sub>4</sub>	<0.001	<0.001
		HNO <sub>3</sub>	0.055	<0.001
INS	Instrument Calibration and Maintenance	H <sub>2</sub> SO <sub>4</sub>	0.002	<0.001

- (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) CO - carbon monoxide  
HNO<sub>3</sub> - nitric acid  
H<sub>2</sub>SO<sub>4</sub> - sulfuric acid  
NO<sub>x</sub> - total oxides of nitrogen  
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code ' 101.1

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

Hrs/day 24 Days/week 7 Weeks/year 52

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

Dated June 23, 2011