

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

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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		Air Contaminant		<u>Emission Rates *</u>	
	Name (2)	Name (3)	lb/hr	TPY		
35-HR-5	HR-I Preheater			NOx	84.2	155.7
				SO2	0.08	0.15
				CO	6.13	11.33
				PM10	0.76	1.40
				VOC	0.21	0.38
36-HR-5	HR-II Preheater			NOx	84.2	155.7
				SO2	0.08	0.15
				CO	6.13	11.33
				PM10	0.76	1.40
				VOC	0.21	0.38
38-HR-5	HR-III Preheater			NOx	59.4	155.7
				SO2	0.06	0.15
				CO	4.32	11.33
				PM10	0.54	1.40
				VOC	0.15	0.38
35-HR-11	HR-I Short Stack			NOx	59.4	18.8
				SO2	0.06	0.02
				CO	4.32	1.37
				PM10	0.54	0.20
				VOC	0.15	0.05
36-HR-11	HR-II Short Stack			NOx	59.4	18.8
				SO2	0.06	0.02
				CO	4.32	1.37
				PM10	0.54	0.20
				VOC	0.15	0.05
38-HR-11	HR-III Short Stack			NOx	59.4	18.8

SO2	0.06	0.02
CO	4.32	1.37
PM10	0.54	0.20
VOC	0.15	0.05

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#### AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Name (3)	lb/hr	Air Contaminant TPY	Emission Rates*	
HR-8	HR Davy Stack			H2SO4	17.3	64.9
				NOx	52.7	230.6
				SO2	395.0	1730
				CO	36.04	118.4
				PM10	4.5	14.8
				VOC	1.22	3.99
96631	H2SO4 Tank			SO3	<0.01	<0.01
96632	H2SO4 Tank			SO3	<0.01	<0.01
35664	HT Residue			VOC	3.0	1.5
38301	HT Residue			VOC	3.0	1.5

- (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) NOx - total oxides of nitrogen  
SO2 - sulfur dioxide  
CO - carbon monoxide  
PM10 - particulate matter less than 10 microns  
VOC - volatile organic compounds as defined in General Rule 101.1 H2SO4 - sulfuric acid

\* 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

Revised\_\_\_\_\_