

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 20006

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)lb/hr	Emission Rates *	
			TPY	
N	Kiln No. 2 POC Stack	VOC	1.68	7.4
		NO <sub>x</sub>	4.1	18.0
		SO <sub>2</sub>	1.21	5.3
		PM	4.25	18.6
		CO	30.30	96.4
		HF	0.36	1.6
		Pb	0.0002	0.0007
		HCl	0.22	1.0
D (1)	Kiln No. 3 POC Stack	VOC	1.68	7.4
		NO <sub>x</sub>	18.50	24.0
		SO <sub>2</sub>	13.80	27.3
		PM	4.25	18.6
		CO	30.30	96.4
		HF	0.65	2.85
		Pb	0.0002	0.0007
		HCl	0.42	1.82
		NH <sub>3</sub>	2.7	9.4
Stack X	Line 4 Scrubber Stack and POC	NH <sub>3</sub>	0.18	0.80
		Formic Acid	0.12	0.5
		PM	0.03	0.132
		SO <sub>2</sub>	0.002	0.01
		NO <sub>x</sub>	0.308	1.35
		CO	0.134	0.59
		VOC	0.006	0.03

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### AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
AB1	Kiln No. 4 POC Stack	VOC	1.68	7.4
		NO <sub>x</sub>	18.50	24.0
		SO <sub>2</sub>	13.80	24.9
		PM	4.25	18.6
		CO	30.30	96.4
		HF	0.06	0.27
		Pb	0.0002	0.0007
		HCl	0.42	1.82
		NH <sub>3</sub>	2.7	9.4
A3	Line 6 Dryer POC	PM	0.03	0.132
		SO <sub>2</sub>	0.002	0.01
		NO <sub>x</sub>	0.308	1.35
		CO	0.134	0.59
		VOC	0.006	0.03
A2	Line 5 Dryer POC	PM	0.011	0.048
		SO <sub>2</sub>	0.0005	0.003
		NO <sub>x</sub>	0.112	0.50
		CO	0.05	0.22
		VOC	0.003	0.014
G	Line 4 and 5 Steam Generator 0.088		PM	0.02
		SO <sub>2</sub>	0.01	0.044
		NO <sub>x</sub>	0.20	0.876
		CO	0.08	0.351
		VOC	0.01	0.044

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.

(2) Specific point source name. Some sources may have more than one stack; however, the sum of all stack emissions from a source with multiple stacks will be less than or equal to the listed emission rates associated with the one stack that is identified in this table. For fugitive sources use area name or fugitive source name.

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- (3) VOC - volatile organic compounds as defined in 30 Texas Administrative Code Section 101.1  
NO<sub>x</sub> - total oxides of nitrogen  
SO<sub>2</sub> - sulfur dioxide  
PM - particulate matter including total suspended particulate  
CO - carbon monoxide  
HF - hydrogen fluoride  
Pb - lead  
HCl - hydrochloric acid  
NH<sub>3</sub> - ammonia

\* 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 or Hrs/year 8,760

Dated \_\_\_\_\_