

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 *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
D (1)	Kiln No. 3 POC Stack	VOC	1.68	7.4
		NO _x	18.50	24.0
		SO ₂	13.80	27.3
		PM	4.25	18.6
		CO	30.30	96.4
		HF	0.65	2.85
		Pb0.0002	0.0007	
		HCl	0.42	1.82
		NH ₃	2.7	9.4
Stack X	Line 4 Scrubber Stack and POC	NH ₃	0.18	0.80
		Formic Acid	0.12	0.5
		PM	0.03	0.132
		SO ₂	0.002	0.01
		NO _x	0.308	1.35
		CO	0.134	0.59
		VOC	0.006	0.03
AB1	Kiln No. 4 POC Stack	VOC	1.68	7.4
		NO _x	18.50	24.0
		SO ₂	13.80	24.9
		PM	4.25	18.6
		CO	30.30	96.4
		HF	0.06	0.27
		Pb0.0002	0.0007	
		HCl	0.42	1.82
		NH ₃	2.7	9.4
A3	Line 6 Dryer POC	PM	0.03	0.132
		SO ₂	0.002	0.01
		NO _x	0.308	1.35

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A2	Line 5 Dryer POC	CO	0.134	0.59
		VOC	0.006	0.03
		PM	0.011	0.048
		SO ₂	0.0005	0.003
		NO _x	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 ₂	0.01	0.044
		NO _x	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.

(3) VOC - volatile organic compounds as defined in General Rule 101.1
 NO_x - total oxides of nitrogen
 SO₂ - sulfur dioxide
 PM - particulate matter including total suspended particulate
 CO - carbon monoxide
 HF - hydrogen fluoride

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<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr TPY</u>

Pb - lead
HCl - hydrochloric acid
NH₃ - 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 _____