

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 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)	Emission Rates	
			lb/hr*	TPY**
A2	Dryer Line 5 POC Stack	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
A3-1	Dryer Line 6 POC Vent 1	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
A3-2	Dryer Line 6 POC Vent 2	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
A4	Steam Generating Boiler Building D	VOC	0.01	0.044
		NO _x	0.20	0.876
		SO ₂	0.01	0.044
		PM	0.02	0.088
		CO	0.08	0.351
AB1	Tunnel Kiln No. 4 POC Stack	VOC	1.68	7.4
		NO _x	3.69	16.2
		SO ₂	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
B	Rotary Kiln	NH ₃	2.7	9.4
		VOC	0.01	0.044

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			lb/hr*	TPY**
	POC Stack	NO _x	0.20	0.876
		SO ₂	0.01	0.044
		PM	0.02	0.088
		CO	0.08	0.351
C	Rotary Kiln Scrubber Stack	NH ₃	0.02	0.088
		HF	0.024	0.105
		NH ₄ F	0.138	0.43
D (1)	Tunnel Kiln No. 3 POC Stack	VOC	1.68	7.4
		NO _x	3.69	16.2
		SO ₂	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 ₃	2.7	9.4
E	Dryer Unconventional Line Scrubber Stack	VOC	0.0012	0.002
		NO _x	0.056	0.245
		SO ₂	0.0012	0.002
		PM	0.0055	0.024
		CO	0.0244	0.11
		HF	0.001	0.004
		Formic Acid	0.44	1.93
		NH ₃	0.90	3.94
F	Dryer Unconventional Line Cooling Stack	PM	0.7	3.07
G	Steam Generator	PM	0.02	0.088
		SO ₂	0.01	0.044
		NO _x	0.20	0.876
		CO	0.08	0.351
		VOC	0.01	0.044
H	Tunnel Kiln No. 1 POC Stack	VOC	1.68	7.4
		NO _x	4.1	18.0

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr*	TPY**
		SO ₂	1.21	5.3
		PM ₁₀	2.5	11.0
		CO	30.30	96.4
		HF	0.36	0.66
		Pb	0.0002	0.0007
		HCl	0.22	0.04
N	Tunnel Kiln No. 2 POC Stack	VOC	1.68	7.4
		NO _x	4.1	18.0
		SO ₂	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	1.00
X	Line 4 Drier 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

- (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 Title 30 Texas Administrative Code § 101.1
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
PM - particulate matter, suspended in the atmosphere, including PM₁₀.
PM₁₀ - particulate matter less than or equal to 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.
CO - carbon monoxide
HF - hydrogen fluoride
Pb - lead
HCl - hydrochloric acid
NH₄F - ammonium fluoride
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

**Compliance with annual emission limit is based on rolling 12 month period.

Dated August 23, 2007