

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 8333

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)	<u>Emission Rates *</u>	
			lb/hr	TPY
27	Spray Dryer Cyclone Stack	PM ₁₀	8.10	7.40
		SO ₂	0.22	0.20
		NO _x	2.10	2.00
		CO	0.53	0.50
		VOC	0.04	0.04
28	Dryer Vent No. 1	PM ₁₀	0.01	0.52
		SO ₂	0.01	0.02
		NO _x	0.08	0.17
		CO	0.02	0.04
		VOC	<0.01	0.01
29	Dryer Vent No. 2	PM ₁₀	0.01	0.52
		SO ₂	0.01	0.02
		NO _x	0.08	0.17
		CO	0.02	0.04
		VOC	<0.01	0.01
30	Dryer Vent No. 3	PM ₁₀	0.01	0.52
		SO ₂	0.01	0.02
		NO _x	0.08	0.17
		CO	0.02	0.04
		VOC	<0.01	0.01
31	Dryer Vent No. 4	PM ₁₀	0.01	0.52
		SO ₂	0.01	0.02
		NO _x	0.08	0.17
		CO	0.02	0.04
		VOC	<0.01	0.01

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
40	Decal Firing	VOC	0.06	0.08
43	Glazing Scrubber Stack	PM ₁₀	1.29	5.63
44	Scoring Baghouse Stack	PM ₁₀	0.40	1.30
45	Cleaning Baghouse Stack	PM ₁₀	0.04	0.18
46	Pressing No. 1 Baghouse Stack	PM ₁₀	2.18	9.55
47	Pressing No. 2 Baghouse Stack	PM ₁₀	0.42	1.86
48	Pressing No. 3 Baghouse Stack	PM ₁₀	0.22	0.96
72	Raw Material Mixing/Body Material Storage Baghouse Stack	PM ₁₀	0.17	0.17
74	Raw Material and Spray Dryer Scrubber Stack	PM ₁₀	0.38	0.38
		SO ₂	0.01	0.01
		NO _x	0.08	0.08
		CO	0.07	0.07
		VOC	<0.01	<0.01
76	Horizontal Dryer Vent	PM ₁₀	0.01	0.03
		SO ₂	0.02	0.0017
		NO _x	0.10	0.44
		CO	0.09	0.41
		VOC	0.01	0.02
77	Box Dryer Vent	PM ₁₀	0.01	0.03
		SO ₂	0.01	0.05
		NO _x	0.08	0.35
		CO	0.08	0.33
		VOC	<0.01	0.02

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
78	Roller Kiln Vent	PM ₁₀	0.02	0.07
		SO ₂	0.03	0.14
		NO _x	0.22	0.95
		CO	0.21	0.90
		VOC	0.01	0.05
		HF	0.02	0.07
		Pb	<0.001	<0.001
79	Roller Kiln No. 2	PM ₁₀	0.01	0.03
		SO ₂	0.01	0.06
		NO _x	0.09	0.40
		CO	0.09	0.38
		VOC	0.01	0.02
		HF	<0.01	0.01
		Pb	<0.001	<0.001
93	Roller Trim Kiln	PM ₁₀	0.98	4.29
		SO ₂	0.11	0.50
		NO _x	0.78	3.40
		CO	0.74	3.24
		VOC	0.043	0.19
		HF	0.076	0.34
		Pb	0.016	0.07
94	Roller Trim Dryer	PM ₁₀	0.20	0.88
		SO ₂	0.17	0.07
		NO _x	0.12	0.51
		CO	0.10	0.43
		VOC	0.007	0.03
95	Curing Oven	PM ₁₀	0.01	0.03
		POC	0.13	0.07
		VOC	<0.01	<0.01

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- (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) PM₁₀ - particulate matter (PM) equal or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.
 - SO₂ - sulfur dioxide
 - NO_x - total oxides of nitrogen
 - CO - carbon monoxide
 - VOC - volatile organic compounds as defined in 30 Texas Administrative Code Section 101.1
 - POC - products of natural gas combustion
 - HF - hydrogen fluoride
 - Pb - lead

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

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

EPN Spray Dryer Maximum Hours of Operation = 1,820 Hrs/year

Individual facility hours per year as represented in the permit application

Date_____