

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 54295

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**
SANDFUG	Sand Fugitives (4)	PM	0.47	2.04
		PM ₁₀	0.18	0.78
BLDGFUG	Building Fugitives (4)	NO _x	0.64	2.79
		CO	0.54	2.34
		SO ₂	≤0.01	0.02
		VOC	41.33	76.93
		PM	7.28	31.82
		PM ₁₀	3.54	15.46
		Exempt Solvents	27.67	8.30
FCFUG	FC Reject Stockpile (4)	PM	0.55	2.41
		PM ₁₀	0.28	1.20
CMSNBVF	Outside Cement Silo North Baghouse	PM	0.05	0.22
		PM ₁₀	0.02	0.07
CMSSBVF	Outside Cement Silo South Baghouse	PM	0.05	0.22
		PM ₁₀	0.02	0.07
LMSBVF	Lime Silo Baghouse	PM	0.05	0.22
		PM ₁₀	0.02	0.07
ADD1SBVF	Additive 1 Silo Baghouse	PM	0.05	0.22
		PM ₁₀	0.02	0.07
SPSBVF	Spheres Silo Baghouse	PM	0.25	1.08
		PM ₁₀	0.04	0.18

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BL110201	Boiler No. 1	NO _x	2.11	9.26
		CO	2.69	11.78
		SO ₂	0.02	0.08
		VOC	0.18	0.77
		PM	0.24	1.07
		PM ₁₀	0.24	1.07
BL210202	Boiler No. 2	NO _x	2.11	9.26
		CO	2.69	11.78
		SO ₂	0.02	0.08
		VOC	0.18	0.77
		PM	0.24	1.07
		PM ₁₀	0.24	1.07
BL310203	Boiler No. 3	NO _x	2.11	9.26
		CO	2.69	11.78
		SO ₂	0.02	0.08
		VOC	0.18	0.77
		PM	0.24	1.07
		PM ₁₀	0.24	1.07
BL410204	Boiler No. 4	NO _x	2.11	9.26
		CO	2.69	11.78
		SO ₂	0.02	0.08
		VOC	0.18	0.77
		PM	0.24	1.07
		PM ₁₀	0.24	1.07
BL510205	Boiler No. 5	NO _x	2.11	9.26
		CO	2.69	11.78
		SO ₂	0.02	0.08
		VOC	0.18	0.77
		PM	0.24	1.07
		PM ₁₀	0.24	1.07
PHT51302	CL3 Finishing Line Preheater	NO _x	0.14	0.60
		CO	0.12	0.50
		SO ₂	<0.01	<0.01

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DRY51309	CL3 Finishing Line Dryer	VOC	0.01	0.03
		PM	0.01	0.05
		PM ₁₀	0.01	0.05
		NO _x	0.20	0.86
		CO	0.16	0.72
		SO ₂	<0.01	0.01
		VOC	0.01	0.05
		PM	0.01	0.07
		PM ₁₀	0.01	0.07
AKN30310	Slitter Box System (Air Knives) Line 1	PM	0.19	0.81
		PM ₁₀	0.19	0.81
AKN31212	Slitter Box System (Air Knives) Line 2	PM	0.19	0.81
		PM ₁₀	0.19	0.81
CL2ONB03	Coating Line 2 Onloader	PM	0.37	1.62
		PM ₁₀	0.37	1.62
CL3ONB04	Coating Line 3 Onloader	PM	0.37	1.62
		PM ₁₀	0.37	1.62
CL2SB1	Coating Line No. 2 Sanding Baghouse (1 of 4)	PM	1.12	4.92
		PM ₁₀	1.12	4.92
CL2SB2	Coating Line No. 2 Sanding Baghouse (2 of 4)	PM	0.99	4.36
		PM ₁₀	0.99	4.36
CL2SB3	Coating Line No. 2 Sawdust Baghouse (3 of 4)	PM	0.86	3.75
		PM ₁₀	0.86	3.75
CL2SB4	Coating Line No. 2 Sawdust Baghouse (4 of 4)	PM	1.39	6.10
		PM ₁₀	1.39	6.10

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BKRLNB	Backer Line Baghouse	PM	0.77	3.38
		PM ₁₀	0.77	3.38
ACELDADB	Ace LDA Drying Plant Baghouse	PM	1.50	6.57
		PM ₁₀	1.50	6.57
ACELDASL	Ace LDA Silo Bin Vent Filter	PM	0.04	0.19
		PM ₁₀	0.04	0.19
PULPDRF	Pulp Drum Filter	PM	0.77	3.38
		PM ₁₀	0.77	3.38
CPL1PHT	ColorPlus Line 1 Preheat Oven	NO _x	0.39	1.72
		CO	0.33	1.44
		SO ₂	<0.01	0.01
		VOC	0.02	0.09
		PM	0.03	0.13
		PM ₁₀	0.03	0.13
CPL1DRY1	ColorPlus Line 1 Cure Oven No. 1 (5)	NO _x	0.20	0.86
		CO	0.16	0.72
		SO ₂	<0.01	<0.01
		VOC	0.01	0.05
		PM	0.01	0.07
		PM ₁₀	0.01	0.07
CPL1DRY2	ColorPlus Line 1 Cure Oven No. 2 (5)	NO _x	0.88	3.86
		CO	0.74	3.25
		SO ₂	<0.01	0.02
		VOC	0.05	0.21
		PM	0.07	0.29
		PM ₁₀	0.07	0.29
CPL2PHT	ColorPlus Line 2 Preheat Oven	NO _x	0.39	1.72
		CO	0.33	1.44
		SO ₂	<0.01	0.01
		VOC	0.02	0.09
		PM	0.03	0.13

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CPL2DRY1	ColorPlus Line 2 Cure Oven No. 1 (5)	PM ₁₀	0.03	0.13
		NO _x	0.20	0.86
		CO	0.16	0.72
		SO ₂	<0.01	<0.01
		VOC	0.01	0.05
		PM	0.01	0.07
		PM ₁₀	0.01	0.07
CPL2DRY2	ColorPlus Line 2 Cure Oven No. 2 (5)	NO _x	0.88	3.86
		CO	0.74	3.25
		SO ₂	<0.01	0.02
		VOC	0.05	0.21
		PM	0.07	0.29
		PM ₁₀	0.07	0.29
Site-wide	All sources	Individual HAPs		<10.00
		All HAPs		<25.00

- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names. For fugitive sources, use an area name or fugitive source name.
- (3) Exempt Solvents- Those carbon compounds or mixtures of carbon compounds used as solvents which have been excluded from the definition of volatile organic compound.

PM	-	particulate matter, suspended in the atmosphere, including PM ₁₀ and PM _{2.5}
PM ₁₀	-	particulate matter equal to or less than 10 microns in diameter
PM _{2.5}	-	particulate matter equal to or less than 2.5 microns in diameter
NO _x	-	total oxides of nitrogen
CO	-	carbon monoxide
SO ₂	-	sulfur dioxide
VOC	-	volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
HAPs	-	hazardous air pollutants as listed in § 112(b) of the Federal Clean Air Act or as amended in Title 40 Code of Federal Regulations Part 63, Subpart C
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Products of combustion only.

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- * 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 or 8,760 Hrs/year

- ** Compliance with annual emission limits is based on a rolling 12-month period.

Dated June 3, 2010