

# 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, sources, and related activities. 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 (8)	
			lbs/hour	TPY (4)
ACBDTANK	Autoclave Blowdown Tank	VOC	0.04	0.16
		NH <sub>3</sub>	<0.01	<0.01
CT0001	Autoclave Cooling Tower 1	PM	0.17	0.75
		PM <sub>10</sub>	0.14	0.62
		PM <sub>2.5</sub>	<0.01	0.01
CT0002	Autoclave Cooling Tower 2	PM	0.17	0.75
		PM <sub>10</sub>	0.14	0.62
		PM <sub>2.5</sub>	<0.01	0.01
CLP1PHT	ColorPlus Line 1 Preheat Oven	NO <sub>x</sub>	0.20	0.86
		CO	0.16	0.72
		SO <sub>2</sub>	<0.01	<0.01
		VOC	0.01	0.05
		PM	0.01	0.07
		PM <sub>10</sub>	0.01	0.07
		PM <sub>2.5</sub>	0.01	0.07
CPL1DRY1	ColorPlus Line 1 Cure Oven No. 1	NO <sub>x</sub>	0.20	0.86
		CO	0.16	0.72
		SO <sub>2</sub>	<0.01	<0.01
		VOC	0.01	0.05

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		PM	0.01	0.07
		PM <sub>10</sub>	0.01	0.07
		PM <sub>2.5</sub>	0.01	0.07
		Exempt Solvent (6)		
CPL1DRY2	ColorPlus Line 1 Cure Oven No. 2	NO <sub>x</sub>	0.29	1.29
		CO	0.25	1.08
		SO <sub>2</sub>	<0.01	<0.01
		VOC	0.02	0.07
		PM	0.02	0.10
		PM <sub>10</sub>	0.02	0.10
		PM <sub>2.5</sub>	0.02	0.10
		Exempt Solvent (6)		
CPL2PHT	ColorPlus Line 2 Preheat Oven	NO <sub>x</sub>	0.20	0.86
		CO	0.16	0.72
		SO <sub>2</sub>	<0.01	<0.01
		VOC	0.01	0.05
		PM	0.01	0.07
		PM <sub>10</sub>	0.01	0.07
		PM <sub>2.5</sub>	0.01	0.07
CPL1ONLD	ColorPlus Line 1 Onloader	PM	0.37	1.62
		PM <sub>10</sub>	0.37	1.62
		PM <sub>2.5</sub>	0.017	0.75
CPL2DRY1	ColorPlus Line 2 Cure Oven No. 1	NO <sub>x</sub>	0.20	0.86
		CO	0.16	0.72

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		SO <sub>2</sub>	<0.01	<0.01
		VOC	0.01	0.05
		PM	0.01	0.07
		PM <sub>10</sub>	0.01	0.07
		PM <sub>2.5</sub>	0.01	0.07
		Exempt Solvent (6)		
CPL2DRY2	ColorPlus Line 2 Cure Oven No. 2	NO <sub>x</sub>	0.29	1.29
		CO	0.25	1.08
		SO <sub>2</sub>	<0.01	<0.01
		VOC	0.02	0.07
		PM	0.02	0.10
		PM <sub>10</sub>	0.02	0.10
		PM <sub>2.5</sub>	0.02	0.10
		Exempt Solvent (6)		
CPL2ONLD	ColorPlus Line 2 Onloader	PM	0.37	1.62
		PM <sub>10</sub>	0.37	1.62
		PM <sub>2.5</sub>	0.17	0.75
BLDGFUG	Building Fugitives (5)(7)	NO <sub>x</sub>	0.64	2.79
		CO	0.54	2.34
		SO <sub>2</sub>	<0.01	0.02
		VOC	62.80	77.08
		PM	6.90	30.22
		PM <sub>10</sub>	2.71	11.85
		PM <sub>2.5</sub>	0.84	3.67

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		Exempt Solvent (6)	27.67	8.30
SANDFUG	Sand Fugitives (5)	PM	0.46	2.02
		PM <sub>10</sub>	0.18	0.77
		PM <sub>2.5</sub>	0.03	0.14
FCFUG	FC Reject Material Outside Stockpile (5)	PM	-.-	0.36
		PM <sub>10</sub>	-.-	0.18
		PM <sub>2.5</sub>	-.-	0.03
CMSNBVF	Outside Cement Silo North Baghouse Stack	PM	0.05	0.22
		PM <sub>10</sub>	0.02	0.07
		PM <sub>2.5</sub>	<0.01	0.01
CMSSBVF	Outside Cement Silo South Baghouse Stack	PM	0.05	0.22
		PM <sub>10</sub>	0.02	0.07
		PM <sub>2.5</sub>	<0.01	0.01
LMSBVF	Lime Silo Baghouse Stack	PM	0.05	0.22
		PM <sub>10</sub>	0.02	0.07
		PM <sub>2.5</sub>	<0.01	0.01
ADD1SBVF	Additive 1 Silo Baghouse Stack	PM	0.05	0.22
		PM <sub>10</sub>	0.02	0.07
		PM <sub>2.5</sub>	< 0.01	0.01
ADDTXSBVF	Raw Material Silo Bin Vent Filter	PM	0.06	0.26
		PM <sub>10</sub>	0.06	0.26
		PM <sub>2.5</sub>	0.06	0.26
SPSBVF	Spheres Silo Baghouse Stack	PM	0.25	1.08
		PM <sub>10</sub>	0.04	0.18

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		PM <sub>2.5</sub>	0.02	0.07
BL110201	Boiler No. 1	NO <sub>x</sub>	1.18	5.15
		CO	2.69	11.78
		SO <sub>2</sub>	0.02	0.08
		VOC	0.18	0.77
		PM	0.24	1.07
		PM <sub>10</sub>	0.24	1.07
		PM <sub>2.5</sub>	0.24	1.07
BL210202	Boiler No. 2	NO <sub>x</sub>	1.18	5.15
		CO	2.69	11.78
		SO <sub>2</sub>	0.02	0.08
		VOC	0.18	0.77
		PM	0.24	1.07
		PM <sub>10</sub>	0.24	1.07
		PM <sub>2.5</sub>	0.24	1.07
BL310203	Boiler No. 3	NO <sub>x</sub>	1.18	5.15
		CO	2.69	11.78
		SO <sub>2</sub>	0.02	0.08
		VOC	0.18	0.77
		PM	0.24	1.07
		PM <sub>10</sub>	0.24	1.07
		PM <sub>2.5</sub>	0.24	1.07
BL410204	Boiler No. 4	NO <sub>x</sub>	1.18	5.15
		CO	2.69	11.78

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		SO <sub>2</sub>	0.02	0.08
		VOC	0.18	0.77
		PM	0.24	1.07
		PM <sub>10</sub>	0.24	1.07
		PM <sub>2.5</sub>	0.24	1.07
BL510205	Boiler No. 5	NO <sub>x</sub>	1.18	5.15
		CO	2.69	11.78
		SO <sub>2</sub>	0.02	0.08
		VOC	0.18	0.77
		PM	0.24	1.07
		PM <sub>10</sub>	0.24	1.07
		PM <sub>2.5</sub>	0.24	1.07
PHT51302	CL3 Finishing Line Preheater	NO <sub>x</sub>	0.14	0.60
		CO	0.12	0.50
		SO <sub>2</sub>	<0.01	<0.01
		VOC	0.01	0.03
		PM	0.01	0.05
		PM <sub>10</sub>	0.01	0.05
		PM <sub>2.5</sub>	0.01	0.05
DRY51309	CL3 Finishing Line Dryer	NO <sub>x</sub>	0.20	0.86
		CO	0.16	0.72
		SO <sub>2</sub>	< 0.01	0.01
		VOC	0.01	0.05
		PM	0.01	0.07

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		PM <sub>10</sub>	0.01	0.07
		PM <sub>2.5</sub>	0.01	0.07
AKN30310	Slitter Box System (Air Knives) Line 1	PM	0.19	0.81
		PM <sub>10</sub>	0.19	0.81
		PM <sub>2.5</sub>	0.19	0.81
AKN31212	Slitter Box System (Air Knives) Line 2	PM	0.19	0.81
		PM <sub>10</sub>	0.19	0.81
		PM <sub>2.5</sub>	0.19	0.81
CL2ONB03	Coating Line 2 Onloader (from autoclave)	PM	0.37	1.62
		PM <sub>10</sub>	0.37	1.62
		PM <sub>2.5</sub>	0.37	1.62
CL3ONB04	Coating Line 3 Onloader (from autoclave)	PM	0.37	1.62
		PM <sub>10</sub>	0.37	1.62
		PM <sub>2.5</sub>	0.37	1.62
CL2SB1	Coating Line 2 Sanding Baghouse Stack (1 of 4)	PM	1.12	4.92
		PM <sub>10</sub>	1.12	4.92
		PM <sub>2.5</sub>	1.12	4.92
CL2SB3	Coating Line 2 Sawdust Baghouse Stack (3 of 4)	PM	0.86	3.75
		PM <sub>10</sub>	0.86	3.75
		PM <sub>2.5</sub>	0.86	3.75
CL2SB4	Coating Line 2 Sawdust Baghouse Stack (4 of 4)	PM	1.39	6.10
		PM <sub>10</sub>	1.39	6.10
		PM <sub>2.5</sub>	1.39	6.10
CL2SB2	Coating Line 2 Sanding Baghouse Stack (2 of 4)	PM	0.99	4.36
		PM <sub>10</sub>	0.99	4.36

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		PM <sub>2.5</sub>	0.99	4.36
BKRLNB	Backer Line Baghouse Stack	PM	0.77	3.38
		PM <sub>10</sub>	0.77	3.38
		PM <sub>2.5</sub>	0.77	3.38
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 plot plan.
- (2) Specific point source name. For fugitive sources, use area name or fugitive source name.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- NH<sub>3</sub> - ammonia
- NO<sub>x</sub> - total oxides of nitrogen
- SO<sub>2</sub> - sulfur dioxide
- PM - total particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>, as represented
- PM<sub>10</sub> - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>, as represented
- PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter
- CO - carbon monoxide
- HAP - hazardous air pollutant as listed in § 112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations Part 63, Subpart C
- Exempt solvent - Those carbon compounds or mixtures of carbon compounds used as solvents which have been excluded from the definition of volatile organic compound.
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (6) Exempt solvents that may be released from cure oven stacks are accounted for in the total exempt solvents emitted from EPN BLDGFUG.
- (7) Includes emissions from coating operations.
- (8) Planned startup and shutdown emissions are included. Maintenance activities with the exception of material handling system maintenance, filter change-outs, and ColorPlus paint tank cleaning are not authorized by this permit. The emission limits specified in the Maximum Allowable Emission Rates Table for the material handling system maintenance, filter change-outs, and ColorPlus paint tank cleaning include emissions from the facility during both normal and planned maintenance activities.

Date: September 17, 2013