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 (7)	
			lbs/hour	TPY (4)
ACBDTANK	Autoclave Blowdown Tank	VOC	0.04	0.16
		NH_3	<0.01	<0.01
CT0001	Autoclave Cooling Tower 1	PM	0.17	0.75
		PM_{10}	0.14	0.62
		$PM_{2.5}$	<0.01	0.01
CT0002	Autoclave Cooling Tower 2	PM	0.17	0.75
		PM_{10}	0.14	0.62
		$PM_{2.5}$	<0.01	0.01
CLP1PHT	ColorPlus Line 1 Preheat Oven	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
		$PM_{2.5}$	0.01	0.07
CPL1DRY1	ColorPlus Line 1 Cure Oven No. 1	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

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		$PM_{2.5}$	0.01	0.07
CPL1DRY2	ColorPlus Line 1 Cure Oven No. 2	NO_x	0.29	1.29
		CO	0.25	1.08
		SO_2	<0.01	<0.01
		VOC	0.02	0.07
		PM	0.02	0.10
		PM_{10}	0.02	0.10
		$PM_{2.5}$	0.02	0.10
CPL1ONLD	ColorPlus Line 1 Onloader	PM	0.37	1.62
		PM_{10}	0.37	1.62
		$PM_{2.5}$	0.17	0.75
DRY51267	CL2 Finishing Line Dryer	NO_x	0.38	1.67
		CO	0.32	1.41
		SO_2	<0.01	0.01
		VOC	0.02	0.09
		PM	0.03	0.13
		PM_{10}	0.03	0.13
		$PM_{2.5}$	0.03	0.13
BLDGFUG	Building Fugitives (5)(6)	VOC	31.00	32.36
		PM	10.59	40.02
		PM_{10}	2.50	10.34
		$PM_{2.5}$	0.73	3.14
		NH_3	10.95	32.75
		Exempt solvents	0.39	0.85
SANDFUG	Sand Fugitives (5)	PM	0.46	2.02
		PM_{10}	0.18	0.77
		$PM_{2.5}$	0.03	0.12

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FCFUG	FC Reject Material Outside Stockpile (5)	PM	-.-	0.36
		PM_{10}	-.-	0.18
		$PM_{2.5}$	-.-	0.03
TEMP_SAND	Temporary Sand Outside Stockpile (5)	PM	-.-	<0.01
		PM_{10}	-.-	<0.01
		$PM_{2.5}$	-.-	<0.01
CMSNBVF	Outside Cement Silo North Baghouse Stack	PM	0.05	0.22
		PM_{10}	0.02	0.07
		$PM_{2.5}$	<0.01	0.01
CMSSBVF	Outside Cement Silo South Baghouse Stack	PM	0.05	0.22
		PM_{10}	0.02	0.07
		$PM_{2.5}$	<0.01	0.01
CMDBL1BV	Cement Day Bin Line 1 Bin Vent Filter Stack	PM	0.06	0.24
		PM_{10}	0.06	0.24
		$PM_{2.5}$	0.06	0.24
CMDBL2BV	Cement Day Bin Line 2 Bin Vent Filter Stack	PM	0.06	0.24
		PM_{10}	0.06	0.24
		$PM_{2.5}$	0.06	0.24
LMSBVF	Lime Silo Baghouse Stack	PM	0.05	0.22
		PM_{10}	0.02	0.07
		$PM_{2.5}$	<0.01	0.01
LMFUG	Lime Slakers (5)	PM	< 0.01	< 0.01
		PM_{10}	< 0.01	< 0.01
		$PM_{2.5}$	< 0.01	< 0.01
ADD1SBVF	Additive 1 Silo Baghouse Stack	PM	0.05	0.22
		PM_{10}	0.02	0.07

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Emission Sources - Maximum Allowable Emission Rates

		$PM_{2.5}$	< 0.01	0.01
ADDTXSBVF	Raw Material Silo Bin Vent Filter	PM	0.06	0.26
		PM_{10}	0.06	0.26
		$PM_{2.5}$	0.06	0.26
TXFUG	Line 1 Additive TX Batch Vessel (5)	PM	< 0.01	0.03
		PM_{10}	< 0.01	0.02
		$PM_{2.5}$	< 0.01	< 0.01
SPSBVF	Spheres Silo Baghouse Stack	PM	0.25	1.08
		PM_{10}	0.04	0.18
		$PM_{2.5}$	0.02	0.07
BL110201	Boiler No. 1 Stack	NO_x	1.18	5.15
		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
		$PM_{2.5}$	0.24	1.07
BL210202	Boiler No. 2 Stack	NO_x	1.18	5.15
		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
		$PM_{2.5}$	0.24	1.07
BL310203	Boiler No. 3 Stack	NO_x	1.18	5.15
		CO	2.69	11.78
		SO_2	0.02	0.08

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Emission Sources - Maximum Allowable Emission Rates

		VOC	0.18	0.77
		PM	0.24	1.07
		PM_{10}	0.24	1.07
		$PM_{2.5}$	0.24	1.07
BL410204	Boiler No. 4 Stack	NO_x	1.18	5.15
		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
		$PM_{2.5}$	0.24	1.07
BL510205	Boiler No. 5 Stack	NO_x	1.18	5.15
		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
		$PM_{2.5}$	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
		VOC	<0.01	0.03
		PM	0.01	0.05
		PM_{10}	0.01	0.05
		$PM_{2.5}$	0.01	0.05

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Emission Sources - Maximum Allowable Emission Rates

DRY51309	CL3 Finishing Line Dryer	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
		$PM_{2.5}$	0.01	0.07
AKN30310	Slitter Box System (Air Knives) Line 1	PM	0.19	0.81
		PM_{10}	0.19	0.81
		$PM_{2.5}$	0.06	0.25
AKN31212	Slitter Box System (Air Knives) Line 2	PM	0.19	0.81
		PM_{10}	0.19	0.81
		$PM_{2.5}$	0.06	0.25
AKN31313	Slitter Box System (Air Knives) Line 3	PM	0.19	0.81
		PM_{10}	0.19	0.81
		$PM_{2.5}$	0.06	0.25
CL2ONB03	Coating Line 2 Onloader (from autoclave)	PM	0.37	1.62
		PM_{10}	0.37	1.62
		$PM_{2.5}$	0.37	1.62
CL3ONB04	Coating Line 3 Onloader (from autoclave)	PM	0.37	1.62
		PM_{10}	0.37	1.62
		$PM_{2.5}$	0.37	1.62
CL2SB1	Coating Line 2 Sanding Baghouse Stack (1 of 4)	PM	1.12	4.92
		PM_{10}	1.12	4.92
		$PM_{2.5}$	1.12	4.92
CL2SB3 Project Number: 355584	Coating Line 2 Sawdust Baghouse Stack (3 of 4)	PM	0.86	3.75
		PM_{10}	0.86	3.75
		$PM_{2.5}$	0.86	3.75

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Emission Sources - Maximum Allowable Emission Rates

CL2SB4	Coating Line 2 Sawdust Baghouse Stack (4 of 4)	PM	1.39	6.10
		PM_{10}	1.39	6.10
		$PM_{2.5}$	1.39	6.10
CL2SB2	Coating Line 2 Sanding Baghouse Stack (2 of 4)	PM	0.99	4.36
		PM_{10}	0.99	4.36
		$PM_{2.5}$	0.99	4.36
BKRLNB	Backer Line Baghouse Stack	PM	0.77	3.38
		PM_{10}	0.77	3.38
		$PM_{2.5}$	0.77	3.38
SM1_CC	Sheet Machine 1 Cross Cutters Cyclone Stack	PM	<0.01	0.02
		PM_{10}	<0.01	0.02
		$PM_{2.5}$	<0.01	0.02
SM2_CC	Sheet Machine 2 Cross Cutters Cyclone Stack	PM	<0.01	0.02
		PM_{10}	<0.01	0.02
		$PM_{2.5}$	<0.01	0.02
SM3_CC	Sheet Machine 3 Cross Cutters Cyclone Stack	PM	<0.01	0.02
		PM_{10}	<0.01	0.02
		$PM_{2.5}$	<0.01	0.02
ACCONST1	Condensate Pit Stack 1	VOC	0.20	0.23
		NH_3	0.03	0.03
ACCONST2	Condensate Pit Stack 2	VOC	0.20	0.23
		NH_3	0.03	0.03
ACCONST3	Condensate Pit Stack 3	VOC	0.20	0.23
		NH_3	0.03	0.03
ACCONST4	Condensate Pit Stack 4	VOC	0.20	0.23
		NH_3	0.03	0.03
ACCONST5	Condensate Pit Stack 5	VOC	0.20	0.23
		NH_3	0.03	0.03
ACCONST6	Condensate Pit Stack 6	VOC	0.20	0.23
		NH_3	0.03	0.03

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Emission Sources - Maximum Allowable Emission Rates

ACCONST7	Condensate Pit Stack 7	VOC	0.20	0.23
		NH_3	0.03	0.03
ACCONST8	Condensate Pit Stack 8	VOC	0.20	0.23
		NH_3	0.03	0.03
ACCONST9	Condensate Pit Stack 9	VOC	0.20	0.23
		NH_3	0.03	0.03
ACCONST10	Condensate Pit Stack 10	VOC	0.20	0.23
		NH_3	0.03	0.03
ACCONST11	Condensate Pit Stack 11	VOC	0.20	0.23
		NH_3	0.03	0.03
ACCONST12	Condensate Pit Stack 12	VOC	0.20	0.23
		NH_3	0.03	0.03
ACCONST13	Condensate Pit Stack 13	VOC	0.20	0.23
		NH_3	0.03	0.03
ACCONST14	Condensate Pit Stack 14	VOC	0.20	0.23
		NH_3	0.03	0.03
Site-wide	All Sources	Individual HAPs	-	<10.00
		All HAPs	-	<25.00

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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) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
NH_3 - ammonia
NO_x - total oxides of nitrogen
SO_2 - sulfur dioxide
PM - total particulate matter, suspended in the atmosphere, including PM_{10} and $PM_{2.5}$, as represented
PM_{10} - total particulate matter equal to or less than 10 microns in diameter, including $PM_{2.5}$, as represented
$PM_{2.5}$ - 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 solvents - 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.

Emission Sources - Maximum Allowable Emission Rates

(5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
(6) Includes emissions from coating operations.
(7) 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: Draft

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