

Emission Sources - Maximum Allowable Emission Rates

Permit Number 6478A

This table lists the maximum allowable emission rates and all sources of air contaminants 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	Air Contaminant Name (2)	Emission Rates (3)	
			lbs/hour	TPY (4)
OXID	Main Line Stain, Sealer, and Topcoat Booths; New Hang-line Stain and Toner Booths; Towline Stain, Toner, Sealer, and Topcoat Booths; Cefla Sealer Topcoat Booths; and New Cefla Rotary Sprayer with two Drying Ovens all vented through a Thermal Oxidizer	VOC	33.02	20.15
		Acetone	4.86	5.24
		VOC (5)	0.05	0.13
		PM	0.07	0.18
		PM ₁₀	0.07	0.18
		PM _{2.5}	0.07	0.18
		NO _x	0.93	2.33
		CO	0.78	1.96
		SO ₂	<0.01	0.01
Cat OX	Cat Ox Stain, Toner, Sealer, and Topcoat Booths vented through a Catalytic Oxidizer	VOC	6.49	4.84
		Acetone	0.99	0.58
		VOC (5)	0.05	0.13
		PM	0.07	0.18
		PM ₁₀	0.07	0.18
		PM _{2.5}	0.07	0.18
		NO _x	0.83	2.27
		CO	0.70	1.91
		SO ₂	<0.01	0.01

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			lbs/hour	TPY (4)
14	Main Line Toner Booth #1	VOC	30.55	27.31
		Acetone	6.58	6.58
		PM	0.02	<0.01
		PM ₁₀	0.02	<0.01
		PM _{2.5}	0.02	<0.01
NLT	Cat Ox Front Toner Booth #1	VOC	30.55	16.36
		Acetone	6.58	3.03
		PM	0.02	0.14
		PM ₁₀	0.02	0.14
		PM _{2.5}	0.02	0.14
TFST1	Tall Frame Stain/Toner Booth #5	VOC	29.58	8.38
		Acetone	6.58	0.34
		PM	0.09	0.05
		PM ₁₀	0.09	0.05
		PM _{2.5}	0.09	0.05
TFSL1	Tall Frame Sealer Booth #3	VOC	17.44	4.20
		Acetone	6.58	3.69
		PM	0.13	0.20
		PM ₁₀	0.13	0.20
		PM _{2.5}	0.13	0.20

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			lbs/hour	TPY (4)
TFTC1	Tall Frame Sealer/Topcoat Booth #4	VOC	17.44	4.26
		Acetone	6.58	3.69
		PM	0.13	0.20
		PM ₁₀	0.13	0.20
		PM _{2.5}	0.13	0.20
7A	Accessory Toner Booth #1	VOC	29.58	4.40
		Acetone	3.29	3.09
		PM	0.13	0.03
		PM ₁₀	0.13	0.03
		PM _{2.5}	0.13	0.03
7B	Accessory Stain Booth #2	VOC	29.58	10.46
		Acetone	3.29	3.63
		PM	0.13	0.04
		PM ₁₀	0.13	0.04
		PM _{2.5}	0.13	0.04
NCB	New Cefla Sprayer Boiler (1.44 MMBtu/hr)	VOC	0.01	0.02
		PM	0.01	0.03
		PM ₁₀	0.01	0.03
		PM _{2.5}	0.01	0.03
		NO _x	0.07	0.18
		CO	0.12	0.30
		SO ₂	<0.01	<0.01

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			lbs/hour	TPY (4)
OLSTH	Oldline Stain Heater	VOC	0.01	0.03
		PM	0.02	0.04
		NO _x	0.20	0.49
		CO	0.17	0.41
		SO ₂	<0.01	<0.01
11	Main Line and Tall Frame Line Drying Oven	VOC	0.01	0.03
		PM	0.02	0.05
		NO _x	0.25	0.61
		CO	0.21	0.51
		SO ₂	<0.01	<0.01
TFH	Tall Frame Line Heater	VOC	<0.01	0.01
		PM	<0.01	0.02
		NO _x	0.10	0.25
		CO	0.08	0.21
		SO ₂	<0.01	<0.01
HS1	Cat Ox Hot Shot Heater	VOC	0.01	0.03
		PM	0.02	0.04
		NO _x	0.20	0.49
		CO	0.17	0.41
		SO ₂	<0.01	<0.01

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			lbs/hour	TPY (4)
HST1	Cat Ox Stain Heater	VOC	0.01	0.03
		PM	0.02	0.04
		NO _x	0.20	0.49
		CO	0.17	0.41
		SO ₂	<0.01	<0.01
CFOV1	Cefla Oven 1	VOC	<0.01	<0.01
		PM	0.01	0.03
		NO _x	0.13	0.33
		CO	0.11	0.28
		SO ₂	<0.01	<0.01
CFOV2	Cefla Oven 2	VOC	<0.01	<0.01
		PM	0.01	0.03
		NO _x	0.13	0.33
		CO	0.11	0.28
		SO ₂	<0.01	<0.01
NHLO	New Hangline Oven	VOC	9.71	11.96
		Acetone	0.33	3.15
		VOC (5)	<0.01	<0.01
		PM	<0.01	0.01
		NO _x	0.04	0.10
		CO	0.031	0.08
		SO ₂	<0.01	<0.01

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			lbs/hour	TPY (4)
TOWO	Towline Oven	VOC	6.46	7.81
		Acetone	0.33	1.40
		VOC (5)	<0.01	<0.01
		PM	<0.01	0.01
		NO _x	0.04	0.10
		CO	0.031	0.08
		SO ₂	<0.01	<0.01
BAG1, BH5, BH6, and BH7	Main Building Door and Frame Milling vented through Four Baghouses (Nordfab and Torit)	PM	3.66	8.26
EB1 and EB3	Particle Board Milling vented through Two Baghouses (Torit)	PM	1.40	3.17
EB2 and EB4	Rough Lumber Milling vented through Two Baghouses (Torit)	PM	1.78	4.02

- (1) Emission point identification the plot plan and Table 1(a)
- (2) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
 - Acetone - exempt solvent as defined in Title 30 Texas Administrative Code § 101.1
 - PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}
 - PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}
 - PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
 - NO_x - total oxides of nitrogen
 - SO₂ - sulfur dioxide
 - CO - carbon monoxide
- (3) Rates include maintenance, startup, and shutdown emissions.
- (4) Rates are for a rolling 12 consecutive months.
- (5) Combustion emission

Date: June 11, 2013