

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 21144

This table lists the maximum allowable emission rates for all sources of air contaminants covered by this permit.

## AIR CONTAMINANTS DATA

Emission	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (FIN)	Name (2)	lb/hr	TPY (3)
UV Finish Line 1				
21A, 21B, 22A, 22B, 23, 24, 25, 26, and 27	Stain Roll Coater (26), Sealer Roll Coaters 1-3 (21A, 21B, 23), Finish Roll Coater (25), and Curing Ovens 1-4 (22A, 22B, 24, 27)	VOC	20.88	
20A and 20B	Stain Drying Ovens (20A, 20B)	NO <sub>x</sub>	0.12	0.53
		CO	0.10	0.44
		SO <sub>2</sub>	<0.01	
		VOC (4)	0.01	0.03
		PM	0.04	
UV Finish Line 2				
41, 42, 43, 45, 46, 47, 50, 53, 54, 56, 58, 59, and 61	Stain Roll Coaters (41, 43A, 43B) Drying Ovens (42, 45), Sealer Roll Coaters (47, 49, 51, 53, 55, 57, 59, 60), UV Lamps 44, 46, 48, 50, 52, 54, 56, 58, 61), and Wet Brushes (43C)	VOC	27.49	
		VOC (4)	0.01	0.04
		PM	0.01	0.05
		NO <sub>x</sub>	0.16	0.70
		CO	0.13	0.59
		SO <sub>2</sub>	<0.01	<0.01
Wax/Plank Line				
2B	Stain Roll Coater (2B)	VOC	37.20	
4B	Finish Drying Oven (4B)	NO <sub>x</sub>	0.45	1.97
		CO	0.38	1.66
		SO <sub>2</sub>	<0.01	
		VOC (4)	0.02	0.11
		PM	0.15	

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Emission Point No. (1)	Source Name (FIN)	Air Contaminant Name (2)	<u>Emission Rates</u>	
			lb/hr	TPY (3)

**Gluing**

PG-05A and PG-05B	Glue Preparation Area (PG-05A) and Plywood Glue-Up Press (PG-05B)	VOC PM	4.29 0.08	0.22
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**Site-Wide Clean-Up**

2B, 4B, 21A, 21B, 23, 25, 26, 41, 43, 47, 53, 59, and F-1	Roll Coaters (2B, 4B, 21A, 21B, 23, 25, 26, 41, 43A, 43B, 43C, 47, 49, 51, 53, 55, 57, 59, 60, IMP-13)	VOC (5)	27.02	
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**UV Finish Lines, Wax/Plank Line, Gluing, and Site-Wide Clean-Up**

21A, 21B, 22A, 22B, 23-27, 41-61, 2B, 4B, PG-05A, PG-05B, and F-1	UV Finish Lines 1 and 2, Wax/Plank Line, Glue Preparation Area, Glue-up Press, and Site-Wide Clean-Up	VOC		80.00
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**Woodworking**

BH-A, BH-B, BH-C, BH-D, BH-E, and BH-F	UV; Wax/Plank; Oil Specialty; and New Village Plank Sawing, Sanding, and Brushing (SYS 1-7) Vented through Baghouses	PM	4.34	19.02
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**Veneer Drying**

35, 36, 37, 38, 39, and 40	Veneer Dryers 1 and 2 (VD-20)	VOC PM	1.09 1.32	1.73 2.10
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**Storage Tanks**

F-10	Resin Storage Tanks 1 and 2 (GT-22A and GT-22B)	VOC (6)	<0.01	<0.01
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Emission Point No. (1)	Source Name (FIN)	Air Contaminant Name (2)	<u>Emission Rates</u>	
			lb/hr	TPY (3)
Boiler Building				
F-9	Wood Dust Fuel Handling/Storage (BFB-21)	PM (6)	0.32	1.42
Other				
S-4	Truck Loading Stations and Chipper Hog vented through a Dust Collector (TL-14)	PM	0.09	0.38
All that emit VOC	All Coating and Glue Application, Drying/Curing Ovens, Veneer Dryers, Clean-Up and Storage Tanks	Single HAP All HAP <12.50		<10.00

(1) Emission point number from a plot plan

(2) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

PM - particulate matter, suspended in the atmosphere, including PM<sub>10</sub>PM<sub>10</sub> - particulate matter equal to or less than a nominal 10 microns in aerodynamic diameterNO<sub>x</sub> - total oxides of nitrogen

CO - carbon monoxide

SO<sub>2</sub> - sulfur dioxide

HAP - hazardous air pollutants as identified in Title 40 Code of Federal Regulations Part 63, Subpart C

(3) Rate is for a rolling 12-consecutive months

(4) Emissions from combustion only

(5) Emissions from Source IMP-13, EPN F-1 are fugitive

(6) Fugitive emissions

Date November 17, 2006