

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 494

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)	Emission Rates	
			lb/hr	TPY
S-001	Boiler Stack	PM	269.2	390.0
		PM ₁₀	211.5	354.9
		VOC	4.2	14.3
		NO _x	48.1	162.5
		SO ₂	2.9	9.8
		CO	261.5	884.0
S-013, S-014, S-015, 4 and S-016	PM	Veneer Dryer Nos. 1, 2, 3, and 78.4	277.9	
		PM ₁₀	78.4	277.9
		VOC	213.8	695.5
PP-1 and PP-2	Plywood Press Nos. 1 and 2	PM	29.5	75.0
		PM ₁₀	29.5	75.0
		VOC	35.4	90.0
C-003	Tie Mill Chip Cyclone	PM	1.2	5.3
		PM ₁₀	0.6	2.7
C-004	Boiler Fuel Chip Cyclone	PM	0.8	3.4
		PM ₁₀	0.4	1.7
C-005	Boiler Fuel Plytrim Cyclone 2.4	PM		0.5
		PM ₁₀	0.3	1.2
C-006	Chip Loading Cyclone	PM	0.8	3.4
		PM ₁₀	0.4	1.7
C-007	Plytrim Loading Cyclone	PM	1.3	5.7
		PM ₁₀	0.7	2.9

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
C-008	Plytrim Hog Cyclone	PM	20.0	87.5
		PM ₁₀	10.0	43.8

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
C-009	Stud Mill Cyclone	PM	1.0	4.4
		PM ₁₀	0.5	2.2
C-011	Railcar Loading Cyclone No. 1 3.4	PM		0.8
		PM ₁₀	0.4	1.7
C-012	Railcar Loading Cyclone No. 2 3.4	PM		0.8
		PM ₁₀	0.4	1.7
F-001	Ash Storage Fugitives (4)	PM	0.01	0.03
		PM ₁₀	0.01	0.03
F-002	Boiler Fuel House Fugitives (4) 0.10	PM		0.02
		PM ₁₀	0.01	0.04
F-003	Boiler Temporary Fuel Storage (4) 0.96	PM		0.22
		PM ₁₀	0.08	0.35
F-004	Chipping Fugitives (6-Chippers) (4) 0.03	PM		0.01
		PM ₁₀	0.01	0.03
F-005	Material Handling Fugitives (4) 1.7	PM		0.40
		PM ₁₀	0.14	0.6
F-006	Veneer Dryer Fugitives (4)	PM	4.1	14.6
		PM ₁₀	4.1	14.6
		VOC	11.3	36.6
F-010	Chip Screening Fugitives (4)	PM		0.4

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
	1.6	PM ₁₀	0.4	1.6
F-012	Chip Loading Truck (4)	PM	0.3	0.4
		PM ₁₀	0.1	0.2
F-013	Chip Loading Rail No. 1 (4)		PM	0.09
	0.41	PM ₁₀	0.03	0.15

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
F-014	Chip Loading Rail No. 2 (4) 0.41	PM		0.09
		PM ₁₀	0.03	0.15
F-015	Chip Loading Tie Mill (4)	PM	0.30	0.41
		PM ₁₀	0.11	0.15
F-016	Drywaste Loading Truck (4)	PM	0.18	0.04
		PM ₁₀	0.06	0.01
F-017	Wood Fuel Unloading (4)	PM	0.02	0.09
		PM ₁₀	0.01	0.03
F-018	Log Debarking Fugitives (4) 2.9	PM		0.97
		PM ₁₀	0.53	1.6
F-019	Log Sawing Fugitives (4)	PM	2.7	7.9
		PM ₁₀	1.5	4.5
F-020	Block Vat VOC Fugitives (4) 49.1	VOC		11.2

(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 General Rule 101.1

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

PM - particulate matter, suspended in the atmosphere, including PM₁₀.

PM₁₀ - particulate matter equal to or less than 10 microns in diameter.

Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.

CO - carbon monoxide

(4) Fugitive emissions are an estimate only.

(5) Boiler emission are based on annual combustion of 130,000 tons of

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY

wood fuel consisting of wood, wood and bark, bark, plytrim, sawdust, sanderdust, sweet natural gas, or No. 2 fuel oil.

* 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

Dated _____