

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 6192

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-009 and S-010	Boiler Stacks No.1 and 2	VOC	4.03	16.63
		TSP	16.68	68.79
		PM ₁₀	16.68	68.79
		CO	537.60	2217.60
		NO _x	83.88	345.99
		SO ₂	0.22	0.92
S-014, S-015, and S-016	Veneer Dryers No. 1, 2, and 3**	VOC	155.20	436.50
		TSP	40.00	109.13
		PM ₁₀	40.00	109.13
PP-1 and PP-2	Plywood Press	VOC	25.60	56.25
		TSP	10.24	22.50
		PM ₁₀	10.24	22.50
C-003	Chip Bin Cyclone No. 1	TSP	0.20	0.61
		PM ₁₀	0.10	0.30
C-004	Chip Bin Cyclone No. 2	TSP	0.20	0.61
		PM ₁₀	0.10	0.30
C-005	Shaving Bin Cyclone	TSP	2.00	6.07
		PM ₁₀	1.00	3.04
C-006	Plywood Dry Waste Cyclone	TSP	0.153	0.46
		PM ₁₀	0.077	0.23
C-007	Fuel House Cyclone	TSP	0.153	0.46
		PM ₁₀	0.077	0.23

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			<u>lb/hr</u>	<u>TPY</u>
C-011	Trimsaw Relay Cyclone	TSP	6.18	18.76
		PM ₁₀	3.09	9.38
C-012	Plywood Relay Cyclone	TSP	6.18	18.76
		PM ₁₀	3.09	9.38
C-013	Railcar Loading Cyclone	TSP	0.20	0.61
		PM ₁₀	0.10	0.30
C-014	Lumber Dry Waste Cyclone	TSP	0.153	0.46
		PM ₁₀	0.077	0.23
F-001	Debarker Fugitive (4)	TSP	1.13	2.27
		PM ₁₀	0.68	1.36
		Wood Dust***	0.68	1.36
F-002	Chip Screen Fugitives (4)	TSP	1.01	1.96
		PM ₁₀	0.60	1.18
		Wood Dust***	0.60	1.18
F-003	Chipping Fugitives (4)	TSP	0.004	0.007
		PM ₁₀	0.002	0.004
		Wood Dust***	0.002	0.004
F-004	Chipping VOC Fugitives (4) 0.87		VOC	0.29
F-006	Veneer Dryer Fugitives (4) 13.50		VOC	4.66
		TSP	1.20	3.64
		PM ₁₀	1.20	3.64
F-007	Stud Mill Fugitives (4)	TSP	0.17	0.680
		PM ₁₀	0.10	0.41
		Wood Dust***	0.10	0.41
F-008	Fuel House Fugitives (4)	TSP	0.008	0.036
		PM ₁₀	0.004	0.018

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			<u>lb/hr</u>	<u>TPY</u>
		Wood Dust***	0.004	0.018
F-009	Temporary Storage Pile (4) 0.096	TSP		0.022
		PM ₁₀	0.011	0.048
		Wood Dust***	0.011	0.048
F-010	Ash Storage Pile (4)	TSP	0.004	0.018
		PM ₁₀	0.004	0.018
F-011	Chip Storage Pile (4)	VOC	2.40	7.29
		TSP	0.009	0.041
		PM ₁₀	0.005	0.021
		Wood Dust***	0.005	0.021
F-012	Chip Truck Loading (4)	TSP	0.20	0.397
		PM ₁₀	0.07	0.143
		Wood Dust***	0.07	0.143
F-013	Chip Rail Loading (4)	TSP	0.20	0.397
		PM ₁₀	0.07	0.143
		Wood Dust***	0.07	0.143
F-014	Dry Waste Truck Loading (4) 0.025	TSP		0.14
		PM ₁₀	0.05	0.009
		Wood Dust***	0.05	0.009
F-015	Shavings Truck Loading (4) 0.025	TSP		0.14
		PM ₁₀	0.05	0.009
		Wood Dust***	0.05	0.009
F-017	Dry Kiln	VOC	32.96	74.55
		TSP	4.94	11.18
		PM ₁₀	4.94	11.18

- (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
TSP - total suspended particulate including PM₁₀
PM₁₀ - particulate matter less than 10 microns
CO - carbon monoxide
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide

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- (4) Fugitive emissions are an estimate only.

* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

_____Hrs/day _____Days/week _____Weeks/year or _____
6,072 Hours/year

225,000,000 ft²/year plywood produced (on a finished product basis) and
660,000 tons/year of steam generated by the boiler.

** 97 percent of emissions go through these stacks and 3 percent of the emissions go through F-006.

*** Also counted as PM₁₀.