

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 22912

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)	<u>Emission Rates</u>	
			lb/hr	TPY
1	Tub Grinder (4) (a)	TSP	6.00	13.10
		PM ₁₀	3.00	6.55
2	Bark Handling (4) (b)	TSP	1.59	5.18
		PM ₁₀	0.80	2.59
3	Hammermill (4) (c)	TSP	7.00	16.30
		PM ₁₀	3.50	8.15
4	Wood Shavings Handling (4) (d)	TSP	3.75	8.25
		PM ₁₀	1.88	4.13
5	Soil Products Receiving/ Handling (4) (e)	TSP	2.40	3.96
		PM ₁₀	1.20	1.98
6	Bagging Operations (4) (f)	TSP	0.08	0.35
		PM ₁₀	0.03	0.18
7	Grinder Diesel Engine (g)	PM ₁₀	0.54	1.20
		SO ₂	0.50	1.10
		NO _x	7.50	16.40
		CO	1.60	3.50
		VOC	0.60	1.30
	Bark Stockpiles (4) (h)	TSP	1.00	1.00
		PM ₁₀	0.50	0.50

- (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) TSP - total suspended particulate including PM₁₀

PM₁₀ - particulate matter less than 10 microns in diameter
VOC - volatile organic compounds as defined in General Rule 101.1
NO_x - total oxides of nitrogen
CO - carbon monoxide
SO₂ - sulfur dioxide

- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (a) Emission rates are based on, and the facilities are limited to, an hourly throughput of 60 tons and an annual throughput of 263,000 tons of raw material.
- (b) Emission rates are based on, and the facilities are limited to, an hourly throughput of 20 tons and an annual throughput of 131,000 tons of bark.
- (c) Emission rates are based on, and the facilities are limited to, an hourly throughput of 20 tons and an annual throughput of 93,000 tons of raw material.
- (d) Emission rates are based on, and the facilities are limited to, an hourly throughput of 12.5 tons and an annual throughput of 55,000 tons of wood shaving.
- (e) Emission rates are based on, and the facilities are limited to, an hourly throughput of 33.3 tons and an annual throughput of 110,000 tons of finished materials.
- (f) Emission rates are based on, and the facilities are limited to, an hourly throughput of 71.0 tons and an annual throughput of 652,000 tons of finished materials.
- (g) Emission rates are based on, and the facilities are limited to, the diesel engine operating 4,380 hours per year.
- (h) Emission rates are based on, and the facilities are limited to, 2,000,000 cubic yards of stockpiled material on-site.

Dated_____

