

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 43018

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
BH-1	Dosing and Microdosing Baghouse (a)	PM	0.43	1.88
		PM ₁₀	0.43	1.88
F-BSO	Bark Stockpile (4) Outside (b)	PM	0.02	0.09
		PM ₁₀	0.02	0.09
F-Building (5)	Material Handling (4) (c)	PM	0.62	2.73
		PM ₁₀	0.62	2.73
F-VS	Perlite Screening (4) (d)	PM	0.18	0.80
		PM ₁₀	0.15	0.66
F-M	Material Mixing (4) (e)	PM	0.96	4.19
		PM ₁₀	0.64	2.79
F-B	Bagging Operation (4) (f)	PM	1.59	6.98
		PM ₁₀	1.59	6.98
F-BC	Bar Coding (4) (g)	VOC	0.01	0.05
F-DSC	Diesel Fuel Tank (h)	VOC	<0.01	<0.01
F-SH	Space Heaters (4) (i)	PM ₁₀	<0.01	0.04
		SO ₂	<0.01	<0.01
		NO _x	0.31	1.36
		CO	0.05	0.23
		VOC	<0.01	0.04
BH-2	Perlite Expansion Furnace Baghouse (j)	PM ₁₀	0.40	1.87
		SO ₂	<0.01	0.03
		NO _x	1.07	4.69
		CO	0.15	0.64
		VOC	0.04	0.17

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- (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) 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.
SO₂ - sulfur dioxide
NO_x - nitrogen oxides
CO - carbon monoxide
VOC - volatile organic compounds as defined in 30 Texas Administrative Code Section 101.1
- (4) These are fugitive emissions.
- (5) Includes fugitive emissions from these sources: Peat Moss Storage and Handling [F-PMSI, F-PMD(1-3)], Bark Storage and Handling [F-BSI, F-BD(1-3)], Compost Storage and Handling [F-CSI, F-CD(1-3)], Perlite Storage and Handling [F-PSI, F-PD(1-8)], Sand Handling [F-SD(1-2)], and Vermiculite Handling [VD(1-2)]
- (a) Emission rates are based on a maximum operating schedule of 8,760 hours per year.
- (b) Emission rates are based on and the facilities are limited by these throughputs 24.86 tons per hour (tph) and 217,796 tons per year (tpy).
- (c) Emission rates are based on and the facilities are limited to a maximum hourly throughput of 63.75 tons and a maximum annual throughput of 558,450 tons.
- (d) Emission rates are based on and the facilities are limited by these throughputs 6.06 tph and 53,053 tpy.
- (e) Emission rates are based on and the facilities are limited by these throughputs 63.75 tph and 558,450 tpy.
- (f) Emission rates are based on and the facilities are limited by these throughputs 63.75 tph and 558,450 tpy.
- (g) Emission rates are based on a maximum operating schedule of 8,760 hours per year.
- (h) Emission rates are based on a maximum operating schedule of 8,760 hours per year.
- (i) Emission rates are based on a maximum operating schedule of 8,760 hours per year.
- (j) Emission rates are based on a maximum operating schedule of 8,760 hours per year. Emission rates are based on and the facilities are limited by these throughputs 6.06 tph and 53,053 tpy.

Dated November 14, 2000