

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 38600

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>	
			<u>lb/hr</u>	<u>TPY</u>
30	18 MMBtu/hour Fluidized Bed 8.33	PM ₁₀		3.43
	Dryer Baghouse Vent (5)	SO ₂	0.01	0.03
		NO _x	1.76	4.27
		CO	1.48	3.59
		VOC	0.10	0.24
32	40 MMBtu Rotary Dryer Baghouse Vent (5)	PM ₁₀	2.14	5.20
		SO ₂	0.02	0.06
		NO _x	3.92	9.52
		CO	3.29	8.00
		VOC	0.22	0.52
28	Vent for baghouse controlling 6.01	PM ₁₀		1.37
	Silo, Batcher, Mixer, and Bagging Stations (6)			
29	Vent for baghouse controlling 2.50	PM ₁₀		1.03
	Screen and Aggregate Weigh Hopper (5)			
31	Vent for baghouse controlling 1.13	PM ₁₀		0.26
	Bagging Stations (6)			
33	Vent for baghouse controlling 9.37	PM ₁₀		2.14
	Bagging Stations (6)			

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1	Raw Aggregate Drop	PM	0.06	0.09
	Points (4)(5)	PM ₁₀	0.02	0.04
STKPL	Stockpiles (4)	PM	--	0.51
		PM ₁₀	--	0.25

(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 - total oxides of nitrogen

CO - carbon monoxide

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

(4) Fugitive emissions are an estimate only

(5) Included in Drying Process Section

(6) Included in Finished Material Section

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

Drying Process Section

Hrs/day 24 Days/week 7 Weeks/year 52 up to Hrs/year 4,857

Finished Material Section

Hrs/day 24 Days/week 7 Weeks/year 52 or Hrs/year 8,760

Concrete Mix Bagging Line: Maximum production of 128 tons per hour and 400,000 tons per year.

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Dated March 10, 2005