

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 73244

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

<u>Emission</u> *	<u>Source</u>	<u>Air Contaminant</u>	<u>Emission Rates</u>	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
12	Crushing Operation (4)	PM	0.02	0.08
		PM <sub>10</sub>	0.01	0.04
MHFUG	Material Handling (4, 5)	PM	0.01	0.06
		PM <sub>10</sub>	0.01	0.03
SPFUG	Aggregate Stockpiles (4)	PM		0.72
		PM <sub>10</sub>		0.36
1	Rock Dryer Baghouse	PM <sub>10</sub>	1.00	4.42
		VOC	0.05	0.24
		NO <sub>x</sub>	0.98	4.29
		SO <sub>2</sub>	0.01	0.03
		CO	0.82	3.61
22	Board Dryer - Zone 1 Stack	PM	0.21	0.03
		PM <sub>10</sub>	0.16	0.02
		VOC	0.15	0.66
		NO <sub>x</sub>	2.75	12.02
		SO <sub>2</sub>	0.02	0.07
		CO	2.31	10.01
23	Board Dryer - Zone 2 Stack	PM	0.21	0.03
		PM <sub>10</sub>	0.16	0.02
		VOC	0.15	0.66
		NO <sub>x</sub>	2.75	12.02
		SO <sub>2</sub>	0.02	0.07
		CO	2.31	10.01

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Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
24	Board Dryer - Zone 3 Stack	PM	0.07	0.03
		PM <sub>10</sub>	0.06	0.02
		VOC	0.05	0.24
		NO <sub>x</sub>	0.98	4.29
		SO <sub>2</sub>	0.01	0.03
		CO	0.82	3.61
25	Board Dryer - Zone 4 Stack	PM	0.09	0.03
		PM <sub>10</sub>	0.07	0.02
		VOC	0.06	0.28
		NO <sub>x</sub>	1.18	5.15
		SO <sub>2</sub>	0.01	0.03
		CO	0.99	4.32

(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 PM<sub>10</sub>

PM<sub>10</sub> - particulate matter equal to or less than less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.

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

VOC (a) - asphalt vapors from standard mix and fuel combustion vapors

VOC (b) - diesel or kerosene vapors from cold mix, asphalt vapors, and fuel combustion vapors

VOC (c) - vapors from a rubber modified asphalt mix and fuel combustion vapors

NO<sub>x</sub> - total oxides of nitrogen

SO<sub>2</sub> - sulfur dioxide

CO - carbon monoxide

- (4) Fugitive emissions are an estimate only.
- (5) Includes emissions from hopper loading and single conveyor drop point

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#### EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

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

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

Crusher: 100 Tons/hour 876,000 Tons/year

Total Facility: 417 Million square feet/year

Dated July 18, 2005