

# 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

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			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	0.15	0.03
		PM <sub>10</sub>	0.12	0.02
		VOC	1.83	4.82
		NO <sub>x</sub>	1.92	8.37
		SO <sub>2</sub>	0.02	0.05
		CO	1.61	6.99
		NH <sub>3</sub> (6)	3.16	13.86
		HCHO (6)	0.17	0.35

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
23	Board Dryer - Zone 2 Stack	PM	0.15	0.03
		PM <sub>10</sub>	0.12	0.02
		VOC	1.83	4.82
		NO <sub>x</sub>	1.92	8.37
		SO <sub>2</sub>	0.02	0.05
		CO	1.61	6.99
		NH <sub>3</sub> (6)	3.16	13.86
		HCHO (6)	0.17	0.35
24	Board Dryer - Zone 3 Stack	PM	0.15	0.03
		PM <sub>10</sub>	0.12	0.02
		VOC	1.83	4.82
		NO <sub>x</sub>	1.92	8.37
		SO <sub>2</sub>	0.02	0.05
		CO	1.61	6.99
		NH <sub>3</sub> (6)	3.16	13.86
		HCHO (6)	0.17	0.35
25	Board Dryer - Zone 4 Stack	PM	0.15	0.03
		PM <sub>10</sub>	0.12	0.02
		VOC	1.83	4.82
		NO <sub>x</sub>	1.92	8.37
		SO <sub>2</sub>	0.02	0.05
		CO	1.61	6.99
		NH <sub>3</sub> (6)	3.16	13.86
		HCHO (6)	0.17	0.35

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- (1) Emission point identification - either specific equipment designation or emission point number (EPN) 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 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.
PM <sub>2.5</sub>	- particulate matter equal to or less than 2.5 microns in diameter
VOC	- volatile organic compounds as defined in Title 30 Texas Administrative Code ' 101.1
NO <sub>x</sub>	- total oxides of nitrogen
SO <sub>2</sub>	- sulfur dioxide
CO	- carbon monoxide
NH <sub>3</sub>	- ammonia
HCHO	- formaldehyde
- (4) Fugitive emissions are an estimate only.
- (5) Includes emissions from hopper loading and single conveyor drop point.
- (6) Total emissions from the dryer shall not exceed the sum of the emissions from the four dryer zone stacks. (EPNs 22-25)

Dated June 17, 2010