

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 74573

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
5, 6, 12, 13, 18, 26		Cement/Fly Ash Silo Baghouses		PM <sub>10</sub>
		0.28	0.03	
7	Central Baghouse	PM <sub>10</sub>	0.04	0.02
19	Central Baghouse	PM <sub>10</sub>	0.02	0.01
4	Mixer No. 1	PM <sub>10</sub>	0.02	0.01
11	Mixer No. 2	PM <sub>10</sub>	0.09	0.06
17	Mixer No. 3	PM <sub>10</sub>	0.08	0.05
MHFUG	Material Handling (4, 5)	PM	0.07	0.05
		PM <sub>10</sub> 0.03	0.02	
SPFUG	Stockpiles (4)	PM	---	0.30
		PM <sub>10</sub> ---	0.15	
FUG1	Coating Operations (4, 6)	VOC	0.60	0.35
FUG2	Coating Operations (4, 7)	VOC	15.50	5.43
21	Boiler	NO <sub>x</sub>	1.19	5.52
		CO 1.00	4.39	
		PM 0.09	0.44	
		SO <sub>2</sub> 0.01	0.03	
		VOC 0.13	0.57	

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
22	Diesel Tank (12,000 gal)	VOC	<0.01	0.01
23	Hydraulic Oil Tank (500 gal)	VOC	<0.01	<0.01
24	Motor Oil Tank (500 gal)	VOC	<0.01	<0.01
25	Waste Oil Tank (500 gal)	VOC	<0.01	<0.01

(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 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.

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

(4) Fugitive emissions are an estimate only.

(5) Includes EPNs 1 - 3, 8 - 10, 14 - 16, and 20

(6) Primer coating emissions are based on usage limits of 3.0 gallons per hour and 3,500 gallons per year.

(7) Form release coating emissions are based on usage limits of 5.0 gallons per hour and 3,500 gallons per year.

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

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

Maximum Hourly Production: 100 Cubic yards/hour

Maximum Annual Production: 125,000 Cubic yards/year

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Emission	Source	Air Contaminant	<u>Emission Rates *</u>	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY

Dated October 7, 2005