

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 604A

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> *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
14	Kiln No. 2	PM/PM <sub>10</sub>	0.30	1.08
		SO <sub>2</sub>	0.24	1.06
		NO <sub>x</sub>	1.62	7.08
		CO	1.36	5.95
		VOC	0.09	0.39
		Fl	0.20	0.88
27	Kiln No. 1	PM/PM <sub>10</sub>	0.30	1.08
		SO <sub>2</sub>	0.24	1.06
		NO <sub>x</sub>	1.62	7.08
		CO	1.36	5.95
		VOC	0.09	0.39
		Fl	0.20	0.88
35	Mill Baghouse Control No. 1 Vent	PM/PM <sub>10</sub>	0.18	0.78
39	Handling and Storage Baghouse Control Vent	PM/PM <sub>10</sub>	0.08	0.37
MH FUG	Handling and Processing		PM	0.08
	0.33 Operations (4)	PM <sub>10</sub>	0.03	0.12
16	Stockpile Storage and Handling (4)	PM	--	0.52
		PM <sub>10</sub>	--	0.26

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Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
49	Fines Storage (4)	PM	--	0.02
		PM <sub>10</sub>	--	<0.01
50	Fines Load-Out (4)	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
54A	Diesel Tank	VOC	0.07	<0.01
54B	Diesel Tank	VOC	0.07	<0.01
54C	Gasoline	VOC	2.89	0.12
59	Standby Storage Baghouse 0.78 Vent	PM/PM <sub>10</sub>		0.18

(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.

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

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

CO - carbon monoxide

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

FL - fluoride

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<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr TPY</u>

(4) Fugitive emissions are an estimate only

\* Refer to Special Condition No. 4C for production limitations and basis for emission rates.

The facilities are permitted to operate:

24 hrs/day 7 days/week 52 weeks/year or 8,760 hrs/year

Dated August 28, 2007