

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number: 17448

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**
BC-F-1	Bldg #1 Clay Stockpiles Mined Material(4)	PM	0.01	0.01
		PM <sub>10</sub>	<0.01	<0.01
BC-F-2	Bldg #2 Clay Stockpiles Shredded Material, Hopper #1, Crusher, Five Belt Conveyors, Hopper #2 & #3 (4)	0.04 PM		0.01
		0.03 PM <sub>10</sub>		0.01
BC-101	Belt Conveyor #101 (4)	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
BC-105	Belt Conveyor # 105 and Hopper (4)	PM	0.05	0.21
		PM <sub>10</sub>	0.05	0.21
BC-2C	Belt Conveyor #BC-2C (4)	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
BC-2D	Belt Conveyor #BC-2D(4)	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
MP-1	Feeder/Hopper (4)	PM	0.04	0.17
		PM <sub>10</sub>	0.02	0.08
MP-2(F)	Eight Screw Conveyors & Four Belt Conveyors (4)	PM	0.12	0.54
		PM <sub>10</sub>	0.10	0.44
MP-5	Two Hoppers & One Belt Conveyor (4)	PM	0.01	0.04
		PM <sub>10</sub>	<0.01	0.04
MP-6	Storage Bin (4)	PM	0.01	0.06
		PM <sub>10</sub>	0.01	0.06

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

## AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
BC-4B	Rail Loading & Silo 5,6, & 7 Baghouse Stack (2004 acfm)	PM <sub>10</sub> (total)	0.16	0.70
BC-4A	Dryer and Cooler Baghouse Stack (26,983 acfm)	PM <sub>10</sub>	1.93	8.45
		SO <sub>2</sub>	0.02	0.07
		NO <sub>x</sub>	2.50	10.95
		VOC	0.14	0.60
		CO	2.10	9.20
BC-104 ????	Cooler Discharge Screw Conveyor Baghouse Stack (20073 acfm)	PM <sub>10</sub>	0.16	0.70

(1) Emission point identification - either specific equipment designation or emission point number from a plot plan.

(2) Specific point source names. For fugitive sources, use an area name or fugitive source name.

(3) VOC - volatile organic compounds as defined in 30 Texas Administrative Code Section 101.1

IOC-U - inorganic compounds (unspeciated)

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

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

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.

CO - carbon monoxide

HCl - hydrogen chloride

HF - hydrogen fluoride

HBr - hydrogen bromide

HI - hydrogen iodide

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

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>

NaOH - sodium hydroxide

(4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

\* 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    Hrs/year

\*\* Compliance with annual emission limits is based on a rolling 12-month period.