EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 41418

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
7a	Kiln 7 Stack (5)	PM	4.34	7.89
		PM_{10} 3.93	7.15	
		NO_X 1.58	2.88	
		SO_2 3.03	5.51	
		CO 5.42	9.86	
		VOC 0.11	0.20	
		HCl 0.77	1.40	
		HF 1.67	3.04	
12a	Kiln 7 Vent (5)	PM	<0.01	<0.01
		PM_{10} <0.01	<0.01	
		NO_X <0.01	<0.01	
		SO_2 <0.01	<0.01	
		CO <0.01	<0.01	
		VOC <0.01	<0.01	
		HCl <0.01	<0.10	
		HF <0.01	<0.01	
17a	Dryer 6 Stack	PM	0.42	1.84
		PM_{10} 0.42	1.84	
		NO_X 0.22	0.97	
		SO_2 <0.01	<0.01	
		CO 0.70	3.06	
		VOC 0.07	0.30	
		HCl <0.01	<0.01	
		HF <0.01	0.02	

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
MHFUG	Material Handling No. 1 (4)	PM	<0.02	<0.02
		PM_{10}	<0.01	<0.01
FUG1	Clay Storage Building No. 1 (4)	PM	<0.03	0.02
		PM_{10}	<0.02	<0.01
FUG2	Clay Storage Building No. 2 (4)	PM	<0.01	<0.01
		PM_{10}	<0.01	<0.01
MBFUG	Manufacturing Building (4)	PM	0.13	0.10
		PM_{10}	0.05	0.04
24	Gleason Shredder (4)	PM	0.06	<0.01
		PM_{10}	0.03	<0.01
27	Gasoline Storage Tank (1,000 Gal)	VOC	<0.01	<0.01
28	Diesel Storage Tank (6,000 Gal)	VOC	<0.01	<0.01
29	Diesel Storage Tank (4,000 Gal)	VOC	<0.01	<0.01
30	Additive A Tank	VOC	<0.01	<0.01
31	Grog Jaw Crusher (4)	PM	<0.1	<0.01
		PM_{10}	<0.01	<0.01
GROGFUG	Grog Handling (4)	PM	0.02	<0.01
		PM_{10}	<0.01	<0.01
34	Grog Hammermill (4)	PM	<0.02	<0.01
		PM_{10}	<0.01	<0.01

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
35	Grog Screening (4)	PM	0.10	0.02
		PM_{10}	0.01	<0.01
GBFUG	Grinding Building (4)	PM	<0.04	<0.03
		PM_{10}	<0.01	<0.01
99	Grinding Building Baghouse	PM_{10}	0.70	3.00

(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 area name or fugitive source name.
(3) PM - particulate matter, suspended in the atmosphere, including PM_{10}.
PM_{10} - particulate matter equals 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.
NO_X - total oxides of nitrogen
SO_2 - sulfur dioxide
CO - carbon monoxide
VOC - volatile organic compounds as defined in30 Texas Administrative Code Section 101.1
HCl - hydrogen chloride
HF - hydrogen fluoride
(4) Fugitive emissions are an estimate only.
(5) No more than four kilns may simultaneously operate in the firing mode.

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

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

Hrs/day_____ Days/week_____Weeks/year or _____ Hrs/year 8,760

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Kiln 7A: Maximum Annual Brick Throughput: 16,440 Tons

Maximum Annual Hours of Operation: 3,640

Dryer No. 6: Maximum Annual Throughput: 19,728 Tons

PLANT: Maximum Annual Plant Throughput/Production: 115,080 Tons of fired product

Dated April 30, 2001