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**
F1	Material Handling/Crude Material Shed (4)	PM	<0.01	<0.01
		PM_{10}	<0.01	<0.01
F2	Material Handling/Shredded Material Shed (4)	PM	0.01	0.03
		PM_{10}	0.01	0.02
F3	Material Handling/Clay (4)	PM	<0.01	<0.01
		PM_{10}	<0.01	<0.01
S1	Dryer CO-095 Dust Collector DC-123 Stack (27,000 acfm)	PM_{10}	2.31	10.14
		SO_2	0.02	0.07
		NO_X	2.50	10.95
		VOC	0.14	0.60
		CO	2.10	9.20
S2	Cooler SC-098 Discharge Dust Collector DC-114 Stack (2100 acfm)	PM_{10}	0.18	0.79
S3	Clay Handling/Rail Loadout Dust Collector DC-119 Stack (2000 acfm)	PM_{10}	0.17	0.75
F4	SCRAP TILE (4)	PM	<0.01	0.02
		PM_{10}	<0.01	0.02
F5	Rail Unloading (4)	PM	0.04	0.17
		PM_{10}	0.01	0.08
S4	Rail Delivery Dust Collector Stack DC-013(1300acfm)	PM_{10}	0.11	0.49
S5	Calcium Carbonate Silo SI-R10 Dust Collector DC-011 Stack (1409 acfm)	PM_{10}	0.06	0.28

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	Emission Rates * TPY**
S6	Soap & Ball Clay Silo SI-R9 Dust Collector DC-012 Stack (1200 acfm)	PM_{10}	0.13	0.56
S7	Soap & Ball Clay Silos SI-R1, SI-R2, SI-R3, AND SI-R4 Dust Collector DC-010 Stack (1530 acfm)	PM_{10}	0.39	1.69
S8	Silos SI-R5, SI-R6, SI-R7 and Transport FE-33 & 34 Dust Collector DC-017 Stack (1750 acfm)	PM_{10}	0.19	0.84
F6	Raw Materials Handling (4)	PM	0.11	0.49
		PM_{10} 0.09	0.41	
S9	Mill Feed System Dust Collector DC-044 Stack (2000 acfm)	PM_{10}	0.17	0.75
F7	Mill Feed System (4)	PM	0.02	0.11
		PM_{10} 0.02	0.09	
S10	Dryer & Rod Mill Units Dust Collector DC-058 Stack (21,000 acfm)	PM_{10}	1.80	7.88
		SO_2	<0.01	<0.01
		NO_X	0.15	0.66
		CO 0.13	0.55	
S11	Product Silo SI-P1 Dust Collector DC-070 Stack (1275 acfm)	PM_{10}	0.06	0.28
S12	Product Silo SI-P2 Dust Collector DC-069 Stack (1300 acfm)	PM_{10}	0.06	0.28
S13	Product Silo SI-P3 Dust Collector DC-071 Stack (1347 acfm)	PM_{10}	0.06	0.28

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY**
S14	Product Silo SI-P4 Dust Collector DC-073 Stack (4760 acfm)	PM_{10}	0.06	0.28
S15	Product Silo SI-P5 Dust Collector DC-074 Stack (1252 acfm)	PM_{10}	0.14	0.62
S16	Mill Rail Bin Loading Dust Collector DC-090 Stack (1413 acfm)	PM_{10}	0.06	0.28
S17	Mill Rail Bin Loading Dust Collector DC-093 Stack (1515 acfm)	PM_{10}	0.14	0.62
S18	Product Loadout Dust Collector DC-072 Stack (1400 acfm)	PM_{10}	0.12	0.53
S19	Mill Bagging Dust Collector DC-124 Stack (3700 acfm)	PM_{10}	0.32	1.39
F8	In-Plant Vehicle Traffic (4)	PM	0.29	1.25
		PM_{10}	0.14	0.62

(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
NO_x - total oxides of nitrogen
SO_2 - sulfur dioxide
PM - particulate matter, suspended in the atmosphere, including PM_{10}.
PM_{10} - 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

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

(4) Fugitive emissions are an estimate only.

* 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.

Maximum Allowable Throughput Rate: Shredding 200 ton/hour and 400,000 tons/year

Dryer/Cooler 100 tons/hour and 150,000 tons/year