EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 52818

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**
1	$CaCO_3$ Stockpiles (4)	PM	0.38	1.30
		PM_{10}	0.20	0.64
2	Jaw Crusher No. 1 (4)	PM	0.01	0.03
		PM_{10}	<0.01	0.01
3	Conveyor No. 1 (4)	PM	0.06	0.08
		PM_{10}	0.03	0.04
4	Transfer Point No. 1 (4)	PM	<0.01	0.08
		PM_{10}	<0.01	<0.01
5	Screen No. 1 (4)	PM	0.12	0.17
		PM_{10}	0.05	0.08
6	Conveyor No. 2 (4)	PM	0.06	0.08
		PM_{10}	0.03	0.04
7	Transfer Point No. 2 (4)	PM	<0.01	0.08
		PM_{10}	<0.01	<0.01
8	Conveyor No. 3 (4)	PM	0.06	0.08
		PM_{10}	0.03	0.04
9	Transfer Point No. 3 (4)	PM	<0.01	0.08
		PM_{10}	<0.01	<0.01
10	Conveyor No. 4 (4)	PM	0.04	0.02
		PM_{10}	0.02	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	Emission Rates * TPY**
11	Crude Ore Storage No. 1 Baghouse Stack	PM_{10}	0.07	0.30
12	All Barite Roller Mill/Flash Heater Baghouse Stack	PM_{10}	0.57	2.48
		NO_x	0.18	0.79
		CO	0.41	1.80
		VOC	0.03	0.12
		SO_2	<0.01	0.01
13	Crude Ore Storage No. 2 Baghouse Stack	PM_{10}	0.23	0.99
14	Pebble Mill Classifier Baghouse Stack	PM_{10}	0.97	4.25
15	7 Micron Silo No. 1 Baghouse Stack	PM_{10}	0.20	0.88
16	7 Micron Silo No. 2 Baghouse Stack	PM_{10}	0.20	0.88
17	5 Micron Silo Baghouse Stack	PM_{10}	0.20	0.88
18	3 Micron Silo No. 1 Baghouse Stack	PM_{10}	0.20	0.88
19	Truck Load-Out Silo No. 1 Baghouse Stack	PM_{10}	0.21	0.93
20	Truck Load-Out Silo No. 2 Baghouse Stack	PM_{10}	0.21	0.93
22	3 Micron Silo/Packing Station Baghouse Stack	PM_{10}	0.20	0.88

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	Emission Rates * TPY**
23	Bagging Station No. 1 Silo Baghouse Stack	PM_{10}	0.18	0.81
24	7 Micron Silo No. 3 Baghouse Stack	PM_{10}	0.20	0.88
25	5 Micron Silo No. 2 Baghouse Stack	PM_{10}	0.20	0.88
26	3 Micron Silo No. 2 Baghouse Stack	PM_{10}	0.20	0.88
27	3 Micron Silo No. 3 Baghouse Stack	PM_{10}	0.20	0.88
28	Conveyor No. 5(4)	PM	0.04	0.05
		PM_{10}	0.02	0.02
29	Crude Ore Storage Silo No. 3 Baghouse Stack	PM_{10}	0.07	0.30
30	Barite/Buff $CaCO_3$ Roller Mill/Heater Baghouse Stack	PM_{10}	0.57	2.48
		NO_x	0.18	0.79
		CO	0.41	1.80
		VOC	0.03	0.12
		SO_2	<0.01	0.01
31	Truck Load-Out Silo No. 3 Baghouse Stack	PM_{10}	0.21	0.93
32	Truck Load-Out Silo No. 4 Baghouse Stack	PM_{10}	0.21	0.93
34	Bagging Station No. 2 Silo	PM_{10}	0.18	0.81

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**
	Baghouse Stack			
35	Classifier Silos Nos. 2 and 3 Baghouse Stack	PM_{10}	0.91	3.96
36	Barite Stockpile (4)	PM	0.48	1.63
		PM_{10}	0.24	0.82
37	Jaw Crusher No. 2 (4)	PM	0.01	0.02
		PM_{10}	<0.01	0.01
38	Screen No. 2 (4)	PM	0.09	0.20
		PM_{10}	0.04	0.10
39	Conveyor No. 6 (4)	PM	0.04	0.05
		PM_{10}	0.02	0.02
40	Transfer Point No. 4 (4)	PM	<0.01	0.01
		PM_{10}	<0.01	<0.01
41	Conveyor No. 7 (4)	PM	0.04	0.05
		PM_{10}	0.02	0.02
42	Transfer Point No. 5 (4)	PM	<0.01	0.01
		PM_{10}	<0.01	<0.01
43	Conveyor No. 8 (4)	PM	0.04	0.05
		PM_{10}	0.02	0.02
44	Crude Ore Storage No. 4 Baghouse Stack	PM_{10}	0.07	0.30
45	All White Roller Mill/Flash Heater Baghouse Stack	PM_{10}	0.57	2.48
		NO_x	0.18	0.79

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	Emission Rates * TPY**
		CO 0.41	1.80	
		VOC 0.03	0.12	
		SO_2 <0.01	0.01	
46	Product Reclaim No. 1 Baghouse Stack	PM_{10}	0.04	0.19
47	Product Reclaim No. 2 Baghouse Stack	PM_{10}	0.04	0.19
48	7 Micron Silo No. 3 Loadout Baghouse Stack	PM_{10}	0.14	0.59
49	5 Micron Silo No. 2 Loadout Baghouse Stack	PM_{10}	0.14	0.59
50	3 Micron Silo No. 2 Loadout Baghouse Stack	PM_{10}	0.14	0.59
51	3 Micron Silo No. 3 Loadout Baghouse Stack	PM_{10}	0.14	0.59
52	Truck Loadout No. 3 Loadout Baghouse Stack	PM_{10}	0.12	0.55
53	Truck Loadout No. 4 Loadout Baghouse Stack	PM_{10}	0.12	0.55
54	Truck Loadout No. 1 Loadout Baghouse Stack	PM_{10}	0.12	0.55
55	Truck Loadout No. 2 Loadout Baghouse Stack	PM_{10}	0.12	0.55
56	Bagging Station No. 4 Baghouse Stack	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	Emission Rates * TPY**
57	Railcar Loadout Silo Baghouse Stack	PM_{10}	<0.01	<0.01
58	Roller Mill System Baghouse Line 4	PM	0.69	3.00
		NO_x	0.50	2.19
		CO	3.68	
		SO_2	0.03	
		VOC	0.24	
59	Conveyor No. 9 (Line 4)	PM	0.02	0.06
		PM_{10}	0.03	
60	Crude Ore Storage Baghouse (Line 4)	PM_{10}	0.07	0.30

(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) 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.
NO_x - total oxides of nitrogen
CO - carbon monoxide
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
SO_2 - sulfur dioxide

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

(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.

Dated April 6, 2006