EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 6758/PSD-TX-145M1

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* lbs/hr	TPY
	CLINKER PRODUCTION			
Q-1	QUARRYING (5)	TSP	44.8	62.7
		PM_{10}	22.4	31.4
B-06	CRUSHING OPERATION BAGHOUSE STACK	TSP	1.8	2.9
		PM_{10}	1.8	2.9
RMS	TRANSPORT TO RAW (5) MATERIAL STORAGE BINS/RMS	TSP	6.5	10.4
		PM_{10}	3.0	4.9
D-28	ADDITIVE BINS/CONVEYORS(5)	TSP	1.9	8.3
		PM_{10}	1.0	4.2
K-19	GRINDING/PREHEATING/KILN ESP STACK	TSP	40.0	168.0
		PM_{10}	40.0	168.0
		NO_x	660.0	2,772.0
		SO_2	20.0	84.0
F-12	RAW MEAL BUCKET ELEVATOR BAGHOUSE STACK	TSP	0.8	3.4
		PM_{10}	0.8	3.4
F-11	BLENDING SILOS BAGHOUSE STACK	TSP	2.1	8.8
		PM_{10}	2.1	8.8
H-06	PNEUMATIC LIFT SYSTEM BAGHOUSE STACK	TSP	0.9	3.8
		PM_{10}	0.9	3.8
H-07	KILN FEED ELEVATOR BAGHOUSE STACK	TSP	0.6	2.5
		PM_{10}	0.6	2.5

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates* lbs/hr	TPY
		AIR CONTAMINANTS DATA		
L-12	CLINKER CHAIN CONVEYOR	TSP	1.0	4.2
	BAGHOUSE STACK	PM_{10}	1.0	4.2
L-13	DEEP BUCKET/HOT CLINKER SILO	TSP	0.9	3.8
	BAGHOUSE STACK	PM_{10}	0.9	3.8
L-14	CLINKER STORAGE/DOME I	TSP	0.9	3.8
	BAGHOUSE STACK	PM_{10}	0.9	3.8
L-19	CLINKER STORAGE/DOME II	TSP	0.9	3.8
	BAGHOUSE STACK	PM_{10}	0.9	3.8
L-15	CLINKER DOME I BUCKET	TSP	0.7	2.9
	CONVEYOR BAGHOUSE STACK	PM_{10}	0.7	2.9
L-16	CLINKER TRUCK LOADING	TSP	2.1	8.8
	SILO BAGHOUSE STACK	PM_{10}	2.1	8.8
L-18	CLINKER DOME II BUCKET	TSP	0.7	2.9
	CONVEYOR BAGHOUSE STACK	PM_{10}	0.7	2.9
	FINISH MILLING			
M-02	LIMESTONE/GYPSUM INCLINED	TSP	0.7	2.9
	CONVEYOR BAGHOUSE STACK	PM_{10}	0.7	2.9
M-04	LIMESTONE/GYPSUM CONVEYOR	TSP	0.7	2.9
	BAGHOUSE STACK	PM_{10}	O.7	2.9
M-10	SPECIAL CLINKER STORAGE	TSP	0.7	2.9
	BIN BAGHOUSE STACK	PM_{10}	0.7	2.9
M-32	MILL 1 FEED BELT	TSP	0.7	2.9
	BAGHOUSE STACK	PM_{10}	0.7	2.9

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates* lbs/hr	TPY
M-33	MILL 2 FEED BELT	TSP	0.7	2.9
	BAGHOUSE STACK	PM_{10}	0.7	2.9
M-06	GYPSUM STORAGE BIN	TSP	0.7	2.9
	BAGHOUSE STACK	PM_{10}	0.7	2.9
M-09	CLINKER STORAGE BIN	TSP	0.7	2.9
	BAGHOUSE STACK	PM_{10}	0.7	2.9
M-28	MILL I FEED BELT	TSP	0.7	2.9
	BAGHOUSE STACK	PM_{10}	0.7	2.9
M-29	MILL 2 FEED BELT	TSP	0.7	2.9
	BAGHOUSE STACK	PM_{10}	0.7	2.9
N-13	MILL 1 VENT	TSP	3.3	13.9
	BAGHOUSE STACK	PM_{10}	3.3	13.9
N-63	MILL 2 VENT	TSP	3.3	13.9
	BAGHOUSE STACK	PM_{10}	3.3	13.9
N-22	AIRSLIDE/COOLER NO.1	TSP	1.2	5.0
	BAGHOUSE STACK	PM_{10}	1.2	5.0
N-09	BUCKET ELEVATOR No. 1	TSP	0.6	2.5
	BAGHOUSE STACK	PM_{10}	0.6	2.5
N-20	ADDITIVE BINS NOS. 1 & 2	TSP	0.6	2.5
	BAGHOUSE STACK	PM_{10}	0.6	2.5
N-69	AIRSLIDE/COOLER NO. 2	TSP	1.2	5.0
	BAGHOUSE STACK	PM_{10}	1.2	5.0
N-59	BUCKET ELEVATOR No. 2	TSP	0.6	2.5
	BAGHOUSE STACK	PM_{10}	0.6	2.5
N-94	MILL 1 CONVEYOR TO SILOS	TSP	0.6	2.5

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates* lbs/hr	TPY
	BAGHOUSE STACK	PM_{10}	0.6	2.5
N-95	MILL 2 CONVEYOR TO SILOS	TSP	0.6	2.5
	BAGHOUSE STACK	PM_{10}	0.6	2.5
N-96	SILO 12/13/14/15 VENT	TSP	0.3	1.0
	BAGHOUSE STACK	PM_{10}	0.3	1.0
N-97	SILO 4/5/6/7 VENT	TSP	0.3	1.0
	BAGHOUSE STACK	PM_{10}	0.3	1.0
N-98	SILO 2 VENT	TSP	0.3	1.0
	BAGHOUSE STACK	PM_{10}	0.3	1.0
N-99	SILO 1 VENT	TSP	0.3	1.0
	BAGHOUSE STACK	PM_{10}	0.3	1.0
N-100	SILO 3 VENT	TSP	0.3	1.0
	BAGHOUSE STACK	PM_{10}	0.3	1.0
N-101	SILO 8/9/10/11 VENT	TSP	0.3	1.0
	BAGHOUSE STACK	PM_{10}	0.3	1.0
N-138	CEMENT RECIRCULATION PUMP	TSP	0.3	1.0
	BAGHOUSE STACK	PM_{10}	0.3	1.0
	LOAD-OUT AND BAGGING OPERATION			
R-08	TRUCK LOAD-OUT No. 1	TSP	0.04	0.08
	BAGHOUSE STACK	PM_{10}	0.04	0.08
R-18	TRUCK LOAD-OUT No. 2	TSP	0.04	0.08
	BAGHOUSE STACK	PM_{10}	0.04	0.08
R-28	TRUCK LOAD-OUT No. 3	TSP	0.04	0.08
	BAGHOUSE STACK	PM_{10}	0.04	0.08

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates* lbs/hr	TPY
R-38	TRUCK LOAD-OUT No. 4 BAGHOUSE STACK	TSP	0.04	0.08
		PM_{10}	0.04	0.08
R-48	TRUCK LOAD-OUT No. 5 BAGHOUSE STACK	TSP	0.04	0.08
		PM_{10}	0.04	0.08
R-58	TRUCK LOAD-OUT No. 6 BAGHOUSE STACK	TSP	0.04	0.08
		PM_{10}	0.04	0.08
R-70	CEMENT BAGGING TYPE 1 BAGHOUSE STACK	TSP	0.04	0.02
		PM_{10}	0.04	0.02
R-90	CEMENT BAGGING MASONRY BAGHOUSE STACK	TSP	0.04	0.02
		PM_{10}	0.04	0.02
F-1	MATERIAL HANDLING (5)	TSP	1.0	6.0
		PM_{10}	0.5	3.0

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates* lbs/hr	TPY
	COAL AND COKE OPERATION			
S-01	COAL/COKE STOCKPILES	TSP	2.1	4.4
	MATERIAL HANDLING (5)	PM_{10}	1.1	2.3
S-03	COAL AND COKE	TSP	1.8	7.9
	ROAD HOPPER (5)	PM_{10}	0.9	4.0
S-30	COAL MILL VENT	TSP	4.3	18.1
	BAGHOUSE STACK	PM_{10}	4.3	18.1
S-56	PULVERIZED FUEL STORAGE	TSP	1.0	4.2
	BAGHOUSE STACK	PM_{10}	1.0	4.2

(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) TSP - total suspended particulate including PM_{10}
PM_{10} - particulate matter less than 10 microns
NO_x - total oxides of nitrogen
SO_2 - sulfur dioxide
(4) Emissions from K-19 must comply with New Source Performance Standard, Subpart F.
(5) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

* Emission rates are based on a maximum dry kiln feed rate of 200 tons per hour and 1,680,000 tons per year of raw feed with the following maximum operating schedule:

Hrs/day 24 Days/week 7 Weeks/year 50 or Hrs/year 8,400

Dated _____