

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

3611D/PSD-TX-194-M4

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)	<u>Emission Rates*</u>	
			#/hr	TPY
DC-1A	Raw Crusher	TSP	3.24	14.16
		PM10	3.24	14.16
DC-1B	Belt 104/105	PM10	0.24	1.1
DC-1C	Belt 202B/213	PM10	0.16	0.71
DC-2	Preheater No. 1 and Raw Mill No. 1 (9)	NOx	270.	1183.
		SO2	187.	819.
		PM10	13.	52.
DC-3A	Blend Silos No. 1 and 2	PM10	2.43	10.6
DC-3B	Kiln Feed System	PM10	0.71	3.1
DC-3C	Blend Silo No. 3	PM10	2.43	10.6
DC-3D1	Kiln Feed Pump	PM10	0.16	0.71
DC-3D2	Kiln Feed Pump	PM10	0.16	0.71
DC-3D3	Kiln Feed Pump	PM10	0.16	0.71
DC-4	Clinker Cooler (4)	PM10	10.	43.8
DC-4A-1	Conveyors 413/448	PM10	0.45	2.0
DC-4C	Conveyor 454	PM10	0.15	0.65
DC-5	Finish Mill No. 1	PM10	7.8	34.2

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			#/hr	TPY	
DC-5A-1	Finish Feed No. 1 Feed Belt 806		PM10	0.81	3.5
DC-6A	Finish Cement Silos A 1-9		PM10	1.43	6.3
DC-6B	Rail Bulk Loadout - A Silos		PM10	0.32	1.4
DC-6C	Truck Bulk Loadout - A Silos		PM10	0.32	1.4
DC-6D	Masonry Cement Loading		PM10	0.32	1.4
DC-7B	Finish Mill No. 1 Feed Silos		PM10	3.0	13.
DC-8	Cement Bag Packhouse No. 1		PM10	1.84	8.1
DC-9	Preheater No. 2 and Raw Mill No. 2 (4)		NOx SO2 PM10	270. 187. 26.6	1183. 819. 117.
DC-10A	Finish Mill No. 2		PM10	1.5	6.6
DC-10B	Finish Mill No. 2		PM10	5.3	23.
DC-10C-1	Finish Mill No. 2 Feed Belt 806B		PM10	0.81	3.5
DC-11A	Finish Cement Silos B 4-7		PM10	1.43	6.30
DC-11B	Finish Cement Silos B 1, 2, 3, 8		PM10	1.43	6.30
DC-11C	Truck Bulk Loadout No. 1 B Silos		PM10	0.32	1.40
DC-11D	Truck Bulk Loadout No. 2 B Silos		PM10	0.32	1.40

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			#/hr	TPY
DC-11E	Clinker Loadout Silos	PM10	1.0	4.3
DC-11F	Clinker Loadout	PM10	0.73	3.2
DC-12	Alkali Bypass (4)	NOx	60.00	263.00
		SO2	42.00	184.00
		PM10	2.1	9.3
DC-13	Clinker Storage Building	PM10	3.0	13.
DC-13A	Fringe Bin	PM10	0.65	2.8
DC-20	Clinker Fines Dust Bin	PM10	0.22	0.95
FUG-1	Coal Pile (5)	TSP	-	0.18
		PM10	-	0.18
FUG-2	Iron Pile (5)	TSP	-	0.08
		PM10	-	0.08
FUG-3	Sand Pile (5)	TSP	-	0.61
		PM10	-	0.61
FUG-4	Road Emissions (5)	TSP	-	2.4
		PM10	-	2.4
FUG-5	Blasting Emissions (5)	TSP	-	3.1
		PM10	-	3.1

(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 PM10

PM10 - particulate matter less than 10 microns

NOx - total oxides of nitrogen

SO2 - sulfur dioxide

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			#/hr	TPY
(4)	Combined emissions from DC-4, DC-9 and DC-12 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 265 tons per hour and 2,321,400 tons per year of raw feed with the following maximum operating schedule:

Hrs/day____Days/week____Weeks/year____or Hrs/year 8,760

Revised_____