

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Numbers 1360A and PSD-TX-632M1

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**
E1-1 (4)	Raw Material Delivery, Road Emission	PM PM ₁₀	- -	3.64 1.39
E1-2 (4)	Cement Truck, Road Emissions	PM PM ₁₀	1.34 0.49	2.78 1.02
E1-7 (4)	Gypsum Pile, Wind Blown Fugitive	PM PM ₁₀	0.08 0.04	0.07 0.03
E1-8 (4)	Anhydrite Pile, Wind Blown Fugitive	PM PM ₁₀	0.08 0.04	0.05 0.02
E1-11 (4)	Sand Pile, Wind Blown Fugitive	PM PM ₁₀	0.03 0.02	0.02 0.01
E1-12 (4)	Quarry Dozing Operations	PM PM ₁₀	4.82 3.56	12.93 9.42
E1-13 (4)	Quarry Loader, Road Emissions	PM PM ₁₀	0.87 0.40	4.18 1.88
E1-16	Limestone Belt Transfer Drop	PM PM ₁₀	0.13 0.06	0.10 0.05
E1-20 (4)	Pile Material Loader, Road Emissions	PM PM ₁₀	0.53 0.24	0.64 0.29
E1-21 (4)	Sand Delivery Truck, Road Emissions	PM PM ₁₀	22.20 9.03	13.88 5.53
E1-22 (4)	CKD Truck,	PM	3.23	3.02

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

	Road Emissions	PM ₁₀	0.98	0.78
E1-23 (4)	Raw Materials Drops to Storage Area	PM PM ₁₀	0.13 0.06	0.10 0.05
E1-24 (4)	Primary Crusher	PM PM ₁₀	0.01 <0.01	0.02 0.01
E1-25 (4)	Transfer Point No. 1	PM PM ₁₀	0.08 0.04	0.14 0.07
E1-26 (4)	Transfer Point No. 2	PM PM ₁₀	0.08 0.04	0.14 0.07
E1-27 (4)	Secondary Crusher	PM PM ₁₀	0.39 0.15	0.72 0.27
E1-28 (4)	Overland Conveyor Diverter Drop	PM PM ₁₀	0.08 0.04	0.14 0.07
E1-29 (4)	Limestone Storage Dome Drops	PM PM ₁₀	0.08 0.04	0.14 0.07
E1-30 (4)	Underground Belt Feeder Drop	PM PM ₁₀	0.26 0.26	1.13 1.13
E1-30A (4)	Raw Bins to Overland Conveyor	PM PM ₁₀	0.08 0.04	0.05 0.03
E1-31 (10)	Raw Bins Baghouse	PM PM ₁₀	0.79 0.79	3.47 3.47
E1-31A	Limestone Transfer Baghouse	PM PM ₁₀	1.20 1.20	5.26 5.26
E1-31B	Raw Materials Circulation Baghouse	PM PM ₁₀	0.75 0.75	3.30 3.30
E1-32 (4)	Sand, Drop to Hopper	PM PM ₁₀	0.02 0.01	0.02 0.01

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

E1-32a (4)	Sand Belt Transfer	PM PM ₁₀	0.01 <0.01	0.01 <0.01
E1-32b (4)	Iron/Sand Belt Weigh Feeder Drop	PM PM ₁₀	0.01 <0.01	0.01 <0.01
E1-33 (4)	Overland Conveyor Transfer No. 3	PM PM ₁₀	0.08 0.04	0.14 0.07
E1-34 (4)	Overland Conveyor Transfer Point No. 4	PM PM ₁₀	0.08 0.04	0.14 0.07
E2-2	Kiln No. 1	PM (5) PM ₁₀ NO _x CO THC HCl	77.70 66.05 500.00 213.00 7.73 9.30	340.00 289.30 2190.00 933.00 33.86 38.60
E2-4	Kiln No. 2	PM (5) PM ₁₀ NO _x CO THC HCl	77.70 66.05 500.00 213.00 7.73 9.30	340.00 289.30 2190.00 933.00 33.86 38.60
E2-6	Kiln No. 3	PM (5) PM ₁₀ NO _x CO THC HCl	77.70 66.05 500.00 213.00 7.73 9.30	340.00 289.30 2190.00 933.00 33.86 38.60
E2-8	Kiln No. 4	PM (5) PM ₁₀ NO _x CO THC HCl	77.70 66.05 500.00 213.00 7.73 9.30	340.00 289.30 2190.00 933.00 33.86 38.60
E2-2 E2-4	Bubble Limit	SO ₂	3080.00	13490.40

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

E2-6 E2-8	Kilns Nos. 1-4			
E2-2 E2-8	Bubble Limit Any two of the wet kilns (Kiln No. 1-4)	SO ₂	1540.00	6745.20
E2-2 E2-4 E2-6 E2-8	Individual Emission Limits for Kilns Nos. 1-4	PM (front half) HCl HF (11) Cl ₂ As Ag Ba Be Cd Cr III Cr VI Hg Ni Pb Sb Se Tl Zn (11)	15.4 7.3 0.83 3.5E-01 3.8E-03 6.5E-02 2.7E-01 1.8E-03 1.3E-03 6.6E-01 4.0E-04 9.7E-03 1.3E-01 2.8E-02 1.4E-02 1.7 7.7E-03 0.13	67.5 32.0 0.73 1.5 1.6E-02 2.8E-01 1.2 7.9E-03 5.7E-03 2.9 1.8E-03 4.3E-02 5.8E-01 1.2E-01 6.0E-02 7.5 3.4E-02 0.57
E2-2 E2-4 E2-6 E2-8	Combined Total Emission Limits for Kilns Nos. 1-4	PM (front half) HCl HF (11) Cl ₂ As Ag Ba Be Cd Cr III Cr VI Hg Ni Pb Sb Se	61.6 29.0 3.30 1.4 1.5E-02 2.6E-01 1.1 7.0E-03 5.2E-03 2.6 1.6E-03 3.9E-02 5.2E-01 1.1E-01 5.5E-02 6.9	270.0 128.0 2.90 6.0 6.0E-02 1.1 4.8 3.2E-02 2.3E-02 12.0 7.0E-03 1.7E-01 2.3 4.8E-01 2.4E-01 30.0

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

		Tl Zn (11)	3.1E-02 0.52	1.4E-01 2.28
E2-7 (10)	Blending Silo Baghouse	PM PM ₁₀	1.02 1.02	4.47 4.47
E2-7A	Blending Silo Discharge Baghouse	PM PM ₁₀	0.63 0.63	2.74 2.74
E2-7B (10)	Preheater Tower Pneumatic Feed Baghouse	PM PM ₁₀	0.99 0.99	4.32 4.32
E2-10a (4)	CKD Drop from Truck	PM PM ₁₀	<0.01 <0.01	0.01 <0.01
E2-10b	Quarry CKD Bin Baghouse	PM PM ₁₀	0.06 0.06	0.14 0.14
E2-10C	CKD Bin Baghouse	PM PM ₁₀	0.43 0.43	0.94 0.94
E2-10D	Kiln Dust to Scrubber Baghouse	PM PM ₁₀	0.17 0.17	0.73 0.73
E2-10E	CKD Mixer Wet Collector	PM PM ₁₀	0.69 0.69	1.50 1.50
E2-10F (4)	CKD Drop to Truck	PM PM ₁₀	0.01 <0.01	0.01 0.01
E2-11 (4)	Lime Delivery Truck, Road Emissions	PM PM ₁₀	5.69 0.59	0.47 0.05
E2-11A	Dust Bin Baghouse	PM PM ₁₀	0.60 0.60	2.68 2.68
E2-11B	Lime Silo Baghouse	PM PM ₁₀	0.25 0.25	0.27 0.27
E2-12 (4)	Iron Additive Truck Road Emission	PM PM ₁₀	17.67 5.99	8.84 2.99

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

E2-13 (4)	Iron Additive Drop to Piles	PM PM ₁₀	0.18 0.09	0.09 0.04
E2-13A (4)	Loader Drop to Grizzly Screen	PM PM ₁₀	0.12 0.06	0.34 0.17
E2-13P (4)	Slag Pile, Windblown Emissions	PM PM ₁₀	0.01 0.01	<0.01 <0.01
E2-14 (4)	Iron Component Loader, Road Emissions	PM PM ₁₀	9.17 4.13	5.68 2.55
E2-14a (4)	Steel Slag Grizzly Screen	PM PM ₁₀	0.18 0.09	0.09 0.05
E2-15 (4)	Slag Drop from Loader to Hopper	PM PM ₁₀	0.08 0.04	0.05 0.02
E2-16	Slag Baghouse	PM PM ₁₀	0.26 0.26	1.13 1.13
E2-17 (4)	Kiln 5 Iron Feed System Hopper	PM PM ₁₀	0.08 0.04	0.06 0.03
E2-18 (4)	Iron Additive Drop to Pile	PM PM ₁₀	0.36 0.17	0.18 0.09
E2-18P (4)	East Slag Pile, Windblown Emissions	PM PM ₁₀	0.01 0.01	<0.01 <0.01
E2-22	Kiln No. 5 Main Stack	PM/PM ₁₀ total PM/PM ₁₀ (front half) PM/PM ₁₀ (back half) NO _x SO ₂ CO H ₂ SO ₄ TRS (including H ₂ S) THC	69.24 29.24 40.00 681.25 332.25 500.00 33.23 2.26 19.06	288.10 128.10 160.00 2725.00 1329.00 2190.00 103.68 9.90 83.48

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

E2-101	No. 1 Cooler Baghouse	PM PM ₁₀	2.35 1.79	10.29 7.84
E2-103	No. 2 Cooler Baghouse	PM PM ₁₀	8.78 6.67	38.46 29.23
E2-105	No. 3 Cooler Baghouse	PM PM ₁₀	8.78 6.67	38.46 29.23
E2-107	No. 4 Cooler Baghouse	PM PM ₁₀	2.35 1.79	10.29 7.84
E3-1 (10)	No. 4 Clinker Elevator Baghouse	PM PM ₁₀	0.21 0.21	0.94 0.94
E3-2 (10)	No. 3 Tunnel Baghouse	PM PM ₁₀	0.21 0.21	0.94 0.94
E3-3	No. 2 Tunnel Baghouse	PM PM ₁₀	0.43 0.43	1.88 1.88
E3-5	No. 1 Tunnel Baghouse	PM PM ₁₀	0.43 0.43	1.88 1.88
E3-6 (10)	700 Pan Conveyor Baghouse	PM PM ₁₀	0.43 0.43	0.94 0.94
E3-9	Fringe Bins Nos. 1 -3 FM Baghouse	PM PM ₁₀	0.17 0.17	0.75 0.75
E3-10 (4)	Additive Silos Conveyor Drop	PM PM ₁₀	0.43 0.43	1.88 1.88
E3-11 (10)	No. 708 Drag Conveyor Baghouse	PM PM ₁₀	0.32 0.32	0.70 0.70
E3-12 (4)	Reclaim Belt Baghouse	PM PM ₁₀	0.26 0.26	0.56 0.56
E3-14	Fly Ash Silo Baghouse	PM PM ₁₀	0.15 0.15	0.68 0.68

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

E3-15 (4)	South Clinker Group No. 4 Baghouse	PM PM ₁₀	0.43 0.43	0.94 0.94
E3-20	Finish Mill No. 5 Feed Baghouse	PM ₁₀	0.21	0.83
E3-21	Finish Mill No. 5 Baghouse	PM ₁₀	0.86	3.33
E3-22	780 Head Pulley Baghouse	PM ₁₀	0.21	0.83
E3-23	Lower Reclaim Belt baghouse	PM PM ₁₀	0.26 0.26	0.38 0.38
E3-24 (4)	Stacker Belt Sec. 2 Baghouse	PM PM ₁₀	0.43 0.43	0.94 0.94
E3-25 (10)	FM No. 6 Transfer Tower Baghouse	PM PM ₁₀	0.31 0.31	1.35 1.35
E3-26 (10)	703 Pan Conveyor Baghouse	PM PM ₁₀	0.32 0.32	1.41 1.41
E3-29	Kiln Tunnel No. 2 Baghouse	PM PM ₁₀	0.27 0.27	1.20 1.20
E3-30	Kiln Tunnel No. 1 Baghouse	PM PM ₁₀	0.27 0.27	1.20 1.20
E3-33 (10)	Clinker Barn West Baghouse	PM PM ₁₀	0.32 0.32	1.41 1.41
E3-33A (10)	Clinker Outhaul to No. 6 Finish Mill Baghouse	PM PM ₁₀	0.29 0.29	1.28 1.28
E3-34	Surge Collector Baghouse	PM PM ₁₀	0.64 0.64	0.84 0.84
E3-35	Gypsum/Anhydrite Storage	PM	0.09	0.19

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

	Bin Baghouse	PM ₁₀	0.09	0.19
E3-37	Nos. 9-10 Clinker Silo Baghouse	PM PM ₁₀	0.86 0.86	3.75 3.75
E3-38	Clinker Barn East Tunnel Baghouse	PM PM ₁₀	0.64 0.64	1.41 1.41
E3-41	East Clinker Door Baghouse	PM PM ₁₀	0.64 0.64	2.82 2.82
E3-42	West Clinker Door Baghouse	PM PM ₁₀	0.64 0.64	2.82 2.82
E3-50 (4)	Additive Hopper, Drop Fugitive	PM PM ₁₀	0.04 0.02	0.03 0.02
E3-51 (4)	Additive Hopper, Drop to Belt	PM PM ₁₀	0.04 0.02	0.03 0.02
E3-52	Pan Conveyor Baghouse	PM PM ₁₀	0.63 0.63	2.74 2.74
E3-52A	Clinker Discharge Baghouse	PM PM ₁₀	0.37 0.37	1.61 1.61
E3-53	Clinker Belt Transfer Baghouse	PM PM ₁₀	0.58 0.58	2.55 2.55
E3-54	FM No. 6 Bins Baghouse	PM PM ₁₀	1.79 1.79	7.85 7.85
E3-55	Finish Mill No. 6 Baghouse	PM PM ₁₀	5.76 2.88	25.23 12.61
E3-57	Finish Mill No. 6 Cement Baghouse	PM PM ₁₀	0.12 0.12	0.53 0.53
E4-1 (10)	Finish Silo Group No. 4 Baghouse	PM PM ₁₀	0.77 0.77	3.38 3.38
E4-2 (10)	Finish Silo Group No. 3	PM	0.77	3.38

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

	Baghouse	PM ₁₀	0.77	3.38
E4-3 (10)	Finish Silo Group No. 4 Baghouse	PM PM ₁₀	0.21 0.21	0.94 0.94
E4-5	Finish Silo Group No. 2 Baghouse	PM PM ₁₀	0.51 0.51	2.25 2.25
E4-6	Finish Silo Group No. 1 Baghouse	PM PM ₁₀	0.13 0.13	0.56 0.56
E4-7	Finish Silo Group No. 1 Baghouse	PM PM ₁₀	0.13 0.13	0.56 0.56
E4-8	Finish Silo Group No. 1 Baghouse	PM PM ₁₀	0.08 0.08	0.34 0.34
E4-9 (6)	Rail Loading Baghouse	PM PM ₁₀	0.04 0.04	0.17 0.17
E4-10 (6, 8, 10)	Rail System Baghouse	PM PM ₁₀	0.45 0.45	0.67 0.67
E4-11 (6)	Rail Loading No. 3 Baghouse	PM PM ₁₀	0.14 0.14	0.62 0.62
E4-12 (10)	FM No. 6 Transfer Baghouse	PM PM ₁₀	0.54 0.54	2.35 2.35
E4-13 (6, 8)	Truck Loadout Baghouse	PM PM ₁₀	0.06 0.06	0.09 0.09
E4-16 (10)	Truck Loadout No.2 Baghouse	PM PM ₁₀	0.36 0.36	1.60 1.60
E4-17 (10)	Truck Loadout No.1 Baghouse	PM PM ₁₀	0.36 0.36	1.60 1.60
E4-18	Truck Loading Baghouse	PM PM ₁₀	0.36 0.36	1.60 1.60
E4-19 (6)	Packhouse Elevator Baghouse	PM PM ₁₀	0.19 0.19	0.83 0.83

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

E4-20 (6)	Bagging Machine Baghouse	PM PM ₁₀	0.69 0.69	3.00 3.00
E4-21 (6, 8, 10)	Masonry Rail Loadout Baghouse	PM PM ₁₀	0.04 0.04	0.17 0.17
E4-22	Truck Loadout Baghouse	PM PM ₁₀	0.32 0.32	1.41 1.41
E4-24	No. 5 Bin Baghouse	PM PM ₁₀	0.30 0.30	1.31 1.31
E4-25 (6, 9)	Masonry Bagging Baghouse	PM PM ₁₀	0.21 0.21	0.19 0.19
E4-26	No. 6 Bin Baghouse	PM PM ₁₀	0.30 0.30	1.31 1.31
E4-27	Traveling Rail Loadout Baghouse	PM PM ₁₀	0.21 0.21	0.94 0.94
E4-28	No. 3 Load Spout Baghouse	PM PM ₁₀	0.21 0.21	0.94 0.94
E6-1 (4)	Coal, Drop from Railcar	PM PM ₁₀	0.12 0.06	0.11 0.06
E6-2 (4)	Coal, Rail Hopper to Drop to Belt	PM PM ₁₀	0.12 0.06	0.11 0.06
E6-3 (4)	Coal, Belt Drop to Piles	PM PM ₁₀	0.12 0.06	0.11 0.06
E6-4 (4)	Coal Pile, Wind Blown Emissions	PM PM ₁₀	0.01 0.01	0.05 0.03
E6-5 (4, 7)	Coal, Delivery Truck Road Emissions	PM PM ₁₀	1.14 0.51	1.06 0.48
E6-6 (4)	Coal Loader Road Emissions	PM PM ₁₀	0.50 0.23	0.35 0.16

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

E6-7 (4)	Coal, Loadout to Covered Storage	PM PM ₁₀	0.10 0.05	0.11 0.06
E6-8 (4)	Coal, Truck Drops to Pile	PM PM ₁₀	1.05 0.50	0.16 0.08
E6-9 (4)	Coal, Loader Drop to Hopper	PM PM ₁₀	0.07 0.04	0.11 0.06
E6-10 (4)	Coal Crusher	PM PM ₁₀	0.02 0.01	0.02 0.01
E6-11 (4)	Coal Belt to No. 4 Coal Bin	PM PM ₁₀	0.04 0.02	0.04 0.02
E6-12 (4)	Coal Belt to No. 3 Coal Bin	PM PM ₁₀	0.03 0.01	0.03 0.01
E6-13 (4)	Coal Belt to No. 2 Coal Bin	PM PM ₁₀	0.02 0.01	0.02 0.01
E6-14 (4)	Coal Belt to No. 1 Coal Bin	PM PM ₁₀	0.01 <0.01	0.01 <0.01
E6-15 (4)	Coal, Belt Transfer Drop	PM PM ₁₀	0.03 0.02	0.05 0.02
E6-18 (4)	Coal, Drop to Stacker Belt	PM PM ₁₀	0.05 0.03	0.04 0.02
E6-19 (4)	Coal Bin No. 4 to Conveyor	PM PM ₁₀	<0.01 <0.01	0.01 <0.01
E6-20 (4)	Coal Bin No. 3 to Conveyor	PM PM ₁₀	<0.01 <0.01	0.01 <0.01
E6-21 (4)	Coal Bin No. 2 to Conveyor	PM PM ₁₀	<0.01 <0.01	0.01 <0.01
E6-22 (4)	Coal Bin No. 1 to Conveyor	PM PM ₁₀	<0.01 <0.01	0.01 <0.01

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

E6-23 (4)	No. 4 Conveyor to Coal Mill	PM PM ₁₀	<0.01 <0.01	0.01 <0.01
E6-24 (4)	No. 3 Conveyor to Coal Mill	PM PM ₁₀	<0.01 <0.01	0.01 <0.01
E6-25 (4)	No. 2 Conveyor to Coal Mill	PM PM ₁₀	<0.01 <0.01	0.01 <0.01
E6-26 (4)	No. 1 Conveyor to Coal Mill	PM PM ₁₀	<0.01 <0.01	0.01 <0.01
E6-27	Solid Fuel, Conveyor Diverter Baghouse	PM PM ₁₀	0.52 0.52	2.29 2.29
E6-28	Solid Fuel Mill Bin Baghouse	PM PM ₁₀	0.13 0.13	0.56 0.56
E6-29 (4)	Solid Fuel Bin, Drop to Weigh Feeder	PM PM ₁₀	0.01 <0.01	0.04 0.02
E6-30 (10)	Coal Mill Baghouse Exhaust	PM PM ₁₀	2.34 2.34	10.23 10.23
E6-31	Coal Fines Bin Baghouse	PM PM ₁₀	0.02 0.02	0.07 0.07
CKDL-1 (4)	CKD Landfill Dozer Emissions	PM PM ₁₀	0.17 0.07	0.04 0.02
CKDL-2 (4)	CKD Pile Windblown Emissions	PM PM ₁₀	-- --	0.10 0.05
E-A-1 (4)	Manifold Small Tanks	VOC	0.05	0.24
E-A-2 (4)	Manifold Large Tanks	VOC	0.02	0.10
E-F-1 (4)	Small Storage Equipment	VOC	0.05	0.21
E-F-2 (4)	Large Storage Equipment	VOC	0.07	0.31

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

E-F-3 (4)	Pump Pit Fuel Component	VOC	0.07	0.30
E-F-4 (4)	Fuel Island Fuel Lines	VOC	0.08	0.34
E-F-5 (4)	Burner Floor Fuel Lines	VOC	0.02	0.10
E-Q-1 (4)	Fuel Island Quench Lines	VOC	<0.01	0.02
E-Q-2 (4)	Quench Tank Equipment	VOC	<0.01	0.04
E-Q-3 (4)	Pump Pit Quench Water Components	VOC	<0.01	0.01
E-Q-4 (4)	Burner Floor Quench Lines	VOC	0.03	0.11

- (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 Title 30 Texas Administrative Code § 101.1
- NO_x - total oxides of nitrogen
- SO₂ - sulfur dioxide
- PM - particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}
- PM₁₀ - 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
- THC - total hydrocarbons
- HCl - hydrogen chloride
- HF - hydrogen fluoride
- H₂S - hydrogen sulfide
- H₂SO₄ - sulfuric mist
- TRS - total reduced sulfur
- As - arsenic
- Ag - silver
- Ba - barium
- Be - beryllium
- Cd - cadmium

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Cl ₂	-	chlorine
Cr III	-	chromium III
Cr VI	-	chromium VI
Hg	-	mercury
Ni	-	nickel
Pb	-	lead
Se	-	selenium
Sb	-	antimony
Tl	-	thallium
Zn	-	zinc

- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
 - (5) PM allowable includes front and back-half catch and is based on the Title 30 Texas Administrative Code Chapter 101 allowable and a stack flow of 150,000 acfm.
 - (6) Emission rates are based on a limited annual basis with compliance demonstrated by records of cement stored or shipped through these facilities. Operation limits are as follows:
 - A. Operation of EPNs E4-9, 10, 11, 13, 21 and 25 are limited to the hours between 4 am and 8pm.
 - B. Operation of EPNs 4-19 and E4-20 are limited to the hours between 8 am and midnight.
 - (7) EPN 6-5 is vehicle traffic emissions from E6-5A through E6-5S2 as listed in Table 6.1 on page 11 of the February 1999 amendment application to this permit.
 - (8) Annual emission rates are based on and the facilities are limited to a maximum annual operating schedule of 2,978 hours per year.
 - (9) Annual emission rates are based on and the facilities are limited to a maximum annual operating schedule of 1,752 hour per year.
 - (10) These emission points are required to use a PTFE (polytetrafluoroethylene) membrane lined high efficiency bags.
 - (11) Contribution from waste-derived fuels and clinker quench wastewater.
- * Emission rates are based on and the facilities are limited by the following maximum operating schedule except as noted:
Clinker production from Kiln No. 5 shall not exceed 2,800,000 tons of clinker per year.
24 Hrs/day 7 Days/week 52 Weeks/year or 8760 Hrs/year
- ** Compliance with annual emission limits is based on a rolling 12-month period.

Dated