

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 5296 and PSD-TX-24M1

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
GID34EX	Kiln No. 2 Stack	NO _x	446.4	1955.2
		SO ₂	87.0	381.1
		VOC	15.1	66.1
		CO	95.9	420.0
		PM	22.0	96.4
		PM ₁₀	10.0	43.8
		H ₂ SO ₄	0.4	1.6
GID6EX	Clinker Cooler	PM ₁₀	7.2	31.5
FCBT-3	Clinker Belt Transfer (4) 3.51	TSP		0.88
		PM ₁₀	0.42	1.66
FGL-1	Loader Road Emissions (4) 0.15	TSP		2.7
		PM ₁₀	1.2	0.67
FCLB-2	No. 2 Cooler Drops (4)	TSP	0.28	1.14
		PM ₁₀	0.13	0.54
FCLB-3	Vibration Conveyor Drop (4) 0.96	TSP		0.255
		PM ₁₀	0.12	0.46
FCLB-4	Drag Chain Drop (4)	TSP	0.28	1.14
		PM ₁₀	0.13	0.54
FCLSP-2	Clinker Store Windblown (4) 0.19	TSP		0.04
		PM ₁₀	0.03	0.12

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FGSP-4	Additives Winblown (4)	TSP	0.02	0.11
		PM ₁₀	0.02	0.07
FLCB-5	Drop to Stacker Belt (4)	TSP	0.88	3.51
		PM ₁₀	0.41	1.66

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
FCLCP	Drop to Clinker Build (4)	TSP	0.53	2.10
		PM ₁₀	0.25	1.00
FGSP-1	Additives Unloading Drop (4) 0.18	TSP		0.88
		PM ₁₀	0.42	0.9
FGSP-2	Drop to Storage Piles (4)	TSP	1.76	0.36
		PM ₁₀	0.83	0.17
FGSP-3	Drop to Feeder Piles (4)	TSP	1.75	0.36
		PM ₁₀	0.83	0.17
FCLT-1	Underground Belt Drops (4) 2.21	TSP		0.77
		PM ₁₀	0.36	1.05

(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) PM - particulate matter

PM₁₀ - particulate matter less than 10 microns

VOC - volatile organic compounds as defined in General Rule 101.1

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

CO - carbon monoxide

H₂SO₄ - sulfuric acid

TSP - total suspended particulate

(4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

* Emission rates are based on and the facilities are limited by the

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

following maximum operating schedule:

Hrs/day 24 Days/week 7 Weeks/year 52
or Hrs/year 8,760

Dated _____