

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 9572

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
KS1	Kiln No. 1 Dry-Lime Scrubber Stack	PM ₁₀	8.94	39.15
		SO ₂	24.31	106.49
		NO _x	2.36	10.34
		CO	11.78	51.58
		VOC	0.55	2.38
		HCl	0.29	1.28
		HF	0.13	0.57
		H ₂ SO ₄	1.42	6.21
KS2	Kiln No. 2 Dry-Lime Scrubber Stack	PM ₁₀	8.94	39.15
		SO ₂	24.31	106.49
		NO _x	2.36	10.34
		CO	11.78	51.58
		VOC	0.55	2.38
		HCl	0.29	1.28
		HF	0.13	0.57
		H ₂ SO ₄	1.42	6.21
KS3	Kiln No. 3 Dry-Lime Scrubber Stack	PM ₁₀	1.41	6.18
		SO ₂	24.31	106.49
		NO _x	2.36	10.34
		CO	11.78	51.58
		VOC	0.55	2.38
		HCl	0.29	1.28
		HF	0.13	0.57
		H ₂ SO ₄	1.42	6.21
BDS1	Brick Dryer No. 1	PM ₁₀	2.14	9.35
		VOC	0.34	1.50
BDS2	Brick Dryer No. 2	PM ₁₀	2.14	9.35
		VOC	0.34	1.50
BDS3	Brick Dryer No. 3	PM ₁₀	2.14	9.35

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		SO ₂	0.08	0.33
		NO _x	1.12	4.90
		CO	3.54	15.50
		VOC	0.34	1.50
LSI-1	Lime Silo No. 1 Bagfilter	PM ₁₀	0.05	0.01
LSI-2	Lime Silo No. 2 Bagfilter	PM ₁₀	0.05	0.01
LSI-3	Lime Silo No. 3 Bagfilter	PM ₁₀	0.05	0.01
RC-1	Raw Material Crusher	PM	0.10	0.06
		PM ₁₀	0.05	0.03
MH-1	Material Handling (4)	PM	0.16	0.09
		PM ₁₀	0.08	0.05
SP-FUG	Mining/Stockpiling Fugitives (4)	PM	-	1.08
		PM ₁₀	-	0.51

- (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 area name or fugitive source name.
- (3) PM - particulate matter, suspended in the atmosphere, including PM₁₀
 PM₁₀ - particulate matter (PM) less than or equal to 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.
 SO₂ - sulfur dioxide
 NO_x - total oxides of nitrogen
 CO - carbon monoxide
 VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
 HCl - hydrogen chloride
 HF - hydrogen fluoride
 H₂SO₄ - sulfuric acid
- (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 8,760 Hrs/year

Dated_____