

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 1071

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
S16	Material Storage Building Baghouse Stack	PM ₁₀	0.02	0.01
F2	Conveyor Loading Hopper (4)	PM PM ₁₀	0.28 0.01	0.44 0.02
S1	Silo No. 1 Baghouse Stack	PM ₁₀	0.04	0.01
S2	Silo No. 2 Baghouse Stack	PM ₁₀	0.04	0.01
S3	Silo No. 3 Baghouse Stack	PM ₁₀	0.04	0.01
S4	Silo No. 4 Baghouse Stack	PM ₁₀	0.04	0.01
S5	Silo No. 5 Baghouse Stack	PM ₁₀	0.04	0.01
S6	Silo No. 6 Baghouse Stack	PM ₁₀	0.04	0.01
S7	Silo No. 7 Baghouse Stack	PM ₁₀	0.04	0.01
S8	Silo No. 8 Baghouse Stack	PM ₁₀	0.04	0.01
F3L54	Material Handling Line 54 (4)	PM PM ₁₀	0.38 0.02	1.49 0.05
S9	Mixer Line 54 Baghouse Stack	PM ₁₀	0.05	0.12
F6L54	Steam Curing Rooms Line 54	PM ₁₀ VOC SO ₂ NO _x CO	0.04 0.03 0.01 0.50 0.42	0.17 0.12 0.02 2.19 1.84

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F7	Block Dryer Line 56	PM ₁₀	0.01	0.04
		VOC	0.01	0.03
		SO ₂	0.01	0.01
		NO _x	0.10	0.44
		CO	0.09	0.37
F9	Sand Screening (4)	PM	0.05	0.07
		PM ₁₀	0.01	0.01
F3L53	Material Handling Line 53 (4)	PM	0.38	1.49
		PM ₁₀	0.02	0.05
S10	Mixer Line 53 Baghouse Stack	PM ₁₀	0.05	0.12
F6L53	Steam Curing Rooms Line 53 (4)	PM ₁₀	0.04	0.17
		VOC	0.03	0.12
		SO ₂	0.01	0.02
		NO _x	0.50	2.19
		CO	0.42	1.84
S11	Line 61 Grinding Operations Baghouse Stack	PM ₁₀	0.12	0.33
S12	Spray Sealer Booth Line 61 (5)	PM ₁₀	0.03	0.05
		VOC	16.50	34.65
S13	Sealer Drying Oven Line 61	PM ₁₀	0.01	0.04
		SO ₂	0.01	0.01
		NO _x	0.10	0.44
		CO	0.09	0.37
		VOC	0.01	0.03
S14	Line 56 Grinding Operations Baghouse Stack	PM ₁₀	0.06	0.15
F10	Diesel Storage Tank (4)	VOC	0.01	0.01

(1) Emission point identification - either specific equipment designation or emission point number

EMISSIONS FROM SOURCE SUMMATION TABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY

from plot plan.

(2) Specific point source name. For fugitive sources use area name or fugitive source name.

(3) PM - particulate matter, suspended in the atmosphere, including PM₁₀

PM₁₀ - particulate matter (PM) equal to or less than 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.

VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

SO₂ - sulfur dioxide

NO_x - total oxides of nitrogen

CO - carbon monoxide

(4) Fugitive emissions are an estimate only.

(5) Total VOC emissions from Spray Sealer Booth Line 61 (Emission Point No. [EPN] S12), Sealer Dry Oven Line 61(EPN S13), and Spray Sealer Booth Line 56 (EPN S15).

* Emission rates are based on and the facilities are limited by the following maximum operating schedule and production rates:

16 Hrs/day 7 Days/week 51 Weeks/year

Total concrete block production: 57.75 tons/hour, 198,000 tons/year

Dated September 27, 2004