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
F1	Material Storage Bunkers	PM	0.01	0.04
		PM_{10}	0.01	0.02
F2	Conveyor Loading Hopper (4)	PM	0.07	0.09
		PM_{10}	0.01	0.01
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
F3L35	Material Handling Line 35 (4)	PM	0.13	0.13
		PM_{10}	0.01	0.01
F6L35	Steam Curing Rooms Line 35	PM_{10}	0.02	0.07
		VOC	0.02	0.05
		SO_2	0.01	0.01
		NO_x	0.20	0.88
		CO	0.17	0.74

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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	0.19	0.06
		PM_{10}	0.02	0.01
F3L34	Material Handling Line 34 (4)	PM	0.07	0.10
		PM_{10}	0.01	0.01
F6L34	Steam Curing Rooms Line 34 (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 55 Grinding Operations Baghouse Stack	PM_{10}	0.12	0.33
S12	Spray Sealer Booth Line 55 (5)	PM_{10}	0.02	0.04
		VOC	13.20	26.85
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
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

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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 PM_{10}
PM_{10} - particulate matter 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
SO_2 - 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 55 (Emission Point No. [EPN] S12), Sealer Dry Oven Line 55 (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: 31.5 tons/hour, 108,000 tons/year

Dated July 1, 1005