

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 27933

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 *	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
EXPANSION JOINT PRODUCTION LINE				
1	Expansion Joint Limestone Silo Baghouse Vent	PM ₁₀	0.07	0.08
FUG1	Expansion Joint Production (4)	PM ₁₀ VOC	0.03 0.06	0.03 0.05
HOT POUR PRODUCTION LINE				
2 included	Hot Pour Mixing Tank (5)	PM ₁₀ VOC	Emissions in EPN 5.	
FUG2	Hot Pour Holding/ Carton Filling (4)	PM ₁₀ VOC	0.10 0.21	0.015 0.03
CURE/FORM RELEASE PRODUCTION LINE				
FUG3	Cure/Form Release (4)	VOC	0.19	<0.02
STANDARD EXEMPTION OPERATIONS				
FUG4	Storage Tanks 1 thru 15 (4)	VOC	0.17	0.76

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Emission *	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
FUG5	Manual Cutting Operation (4)	PM	<0.1	<0.1
4	Boiler Stack	PM	0.006	0.026
		NO _x	0.05	0.22
		SO ₂	<0.001	<0.002
		CO	0.01	<0.05
		VOC	0.003	<0.02
5	Stimsonite Limestone Silo Baghouse Vent (6)	PM ₁₀	<0.17	<0.18
		VOC	0.20	0.03
FUG6	Stimsonite Mix Tank	PM	1.12	0.06
		VOC	<0.18	<0.03
SEALTIGHT TEXAS TYPE II WATER BASE CONCRETE CURING COMPOUND PRODUCTION				
9	Mix Tank No. 9	VOC	9.13	0.55
10	Mix Tank No. 10	IOC-U	<0.01	<0.01
11	Mix Tank No. 11	VOC	9.13	0.55
16	Storage Tank No. 16	VOC	0.27	0.02
17	Storage Tank No. 17	VOC	0.27	0.04
18	Storage Tank No. 18	VOC	0.27	0.02
19	Storage Tank No. 19	VOC	0.27	0.04

(1) Emission point identification - either specific equipment

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<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>

designation or emission point number from plot plan.

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

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- (3) PM - particulate matter, suspended in the atmosphere, including PM₁₀.
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.
IOC-U - inorganic compounds, unspiciated
VOC - volatile organic compounds as defined in 30 Texas Administrative Code Section 101.1
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
CO - carbon monoxide
- (4) Fugitive emissions are an estimate only.
- (5) Hot Pour Mixing Tank vented to Stimsonite limestone silo baghouse and emissions included in EPN 5 emissions.
- (6) Contaminates from Emission Point No. 2 also exhaust through this fabric filter.

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

Cure/Form Release Process Line:

Maximum annual usage of 40,000 gallons of aromatic solvent blend, 20,000 gallons of petroleum oil, 130,000 gallons of mineral spirits, and 100,000 gallons of No. 2 fuel oil.

Hot Pour Process Line:

Maximum annual production of 4,455,000 pounds of product and a maximum of 66,000 pounds per batch.

Expansion Joint Product Line:

Maximum annual production of 10,450,000 pounds and a maximum weekly production of 286,000 pounds of expansion board.

Sealtight Texas Type II Water Base Curing Compound Product Line:

Maximum annual production of Sealtight Texas Type II water base curing compound limited to 660,000 gallons.

Permit No. 27933
Page 5

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

9 Hrs/day 5 Days/week 50 Weeks/year or 2,250
Hrs/year

Dated _____