

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

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

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 45899

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)	<u>Emission Rates</u>	
			lb/hr	TPY

Pipe Plant (6)(9)(10)

FUG Pipe (a)	Material Handling (4)	PM	0.18	0.13
		PM ₁₀ 0.06	0.05	

EPN 8	Mixer (4)	PM	0.72	0.55
		PM ₁₀ 0.25	0.19	

EPN 13	Silo No. 1 Baghouse Vent	PM ₁₀	0.11	0.48
--------	--------------------------	------------------	------	------

EPN 14	Silo No. 2 Baghouse Vent	PM ₁₀	0.11	0.48
--------	--------------------------	------------------	------	------

EPN 15	Silo No. 3 Baghouse Vent	PM ₁₀	0.11	0.48
--------	--------------------------	------------------	------	------

FUG 1	Application of Form Release by Airless Spray Gun (4)(9)	PM	0.04	0.03
		VOC	6.25	3.75

Box Plant (6)(9)(10)

FUG Box (b)	Material Handling (4)	PM	0.05	0.06
-------------	-----------------------	----	------	------

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY**
		PM ₁₀ 0.02	0.02	
EPN 18	Mixer Baghouse Vent	PM ₁₀	0.07	0.09
EPN 19	Silo No. 4 Baghouse Vent	PM ₁₀	0.11	0.48
EPN 20	Silo No. 5 Baghouse Vent	PM ₁₀	0.11	0.48
FUG 2	Application of Form Release by Airless Spray Gun (4)(9)	PM	0.03	0.02
Precast Wetcast Plant (6)(9)(10)				
FUG Wetcast (c)	Material Handling (4)	PM	0.05	0.05
		PM ₁₀ 0.02	0.02	
EPN 27	Precast Wetcast Plant Building (4)(7)	PM ₁₀ 0.35	PM ₁₀	0.08
FUG 3	Application of Form Release by Airless Spray Gun, Sponge, Roller or Brush (4)(9)	PM	0.04	0.04
		VOC	12.54	15.05
Precast Drycast Plant (6)(9)(10)				
FUG Drycast (d)	Material Handling (4)	PM	0.13	0.15
		PM ₁₀ 0.05	0.06	
EPN 34	Drycast Central Dust Collector	PM ₁₀	0.08	0.35
EPN 35	Silo No. 7 Baghouse Vent	PM ₁₀	0.11	0.48
EPN 36	Silo No. 8 Baghouse Vent	PM ₁₀	0.11	0.48
FUG 4	Application of Form Release by Dipping and Airless Spray Gun,	PM	0.02	0.04

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY**
	Sponge, Roller or Brush (4)(9)	VOC	8.36	15.05
New Plant (6)(9)(10)				
FUG New Plant (e)	Material Handling (4)	PM	0.07	0.09
		PM ₁₀	0.04	
EPN 45	New Plant Building (4)(8)	PM ₁₀	0.34	1.50
FUG 5	Application of Form Release by Airless Spray Gun and Dipping (4)(9)	PM	0.04	0.07
			VOC	13.27
		24.87		
Stockpiles				
STK	Stockpiles (4)	PM	--	13.01
		PM ₁₀	--	6.50
Surface Coating Operations (6)(9)(10)				
FUG 6	Application of Surface by Brush Coating by Brush (4)	VOC	3.46	2.52
Site-Wide Hazardous Air Pollutant (HAP) Limitation				
ALL (5)	Various	Individual HAP		<10.00
		All HAPs		<25.00

(1) Emission point identification - either specific equipment designation or emission point number from a plot plan.

(a) Emission points included are 1, 2, 3, 4, 5, 6, 7, 9, 10, 11, and 12.

(b) Emission points included are 16 and 17.

(c) Emission points included are 21, 22, 23, 24, 25, and 26.

(d) Emission points included are 28, 29, 30, 31, 32, and 33.

(e) Emission points included are 37, 38, 39, 40, 41, 42, 43, and 44.

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

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

- (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 PM greater than 10 microns is emitted.
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1.
HAP - any air contaminant (pollutant) listed in § 112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations Part 63, Subpart C
- (4) Fugitive emissions are an estimate only.
- (5) All surface coating facilities.
- (6) 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

- (7) The emission source is the central dust collector vented inside the precast wetcast plant building.
- (8) The emission source is the Central Dust Collector vented inside the New Plant Building.
- (9) Valid substitution in accordance with Special Condition No. 13 may cause the hourly rate to vary.
- (10) Emission rates are based on and the facilities are limited by the following maximum production rates:

Pipe Plant

Maximum Hourly Production: 115 Cubic yards/hour
Maximum Annual Production: 175,000 Cubic yards/year

Box Plant

Maximum Hourly Production: 100 Cubic yards/hour
Maximum Annual Production: 260,000 Cubic yards/year

Precast Wetcast Plant

Maximum Hourly Production: 100 Cubic yards/hour
Maximum Annual Production: 230,000 Cubic yards/year

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Precast Drycast Plant

Maximum Hourly Production: 100

Cubic yards/hour

Maximum Annual Production: 230,000

Cubic yards/year

New Plant

Maximum Hourly Production: 100

Cubic yards/hour

Maximum Annual Production: 240,000 Cubic yards/year

Dated January 10, 2008