

Emission Sources - Maximum Allowable Emission Rates

Permit Number 23136

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, sources, and related activities. 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 (4) *	
			lbs/hour	TPY
E-1	Fluid Bed Dryer Baghouse Stack	PM ₁₀	0.70	2.19
		VOC	0.06	0.20
		NO _x	1.14	3.56
		SO ₂	0.01	0.02
		CO	0.96	2.99
E-2	Masonry Cement Silo Baghouse	PM ₁₀	0.03	<0.01
E-3	Cement Silo Baghouse	PM ₁₀	0.03	0.02
E-4	Cement Silo Baghouse	PM ₁₀	0.03	0.02
E-5	Cement Silo Baghouse	PM ₁₀	0.03	<0.01
E-6	Bagging Operations Baghouse	PM ₁₀	0.32	1.00

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name.
- (3) PM₁₀ - particulate matter (PM) equal to or less than 10 microns in diameter
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
CO - carbon monoxide
- (4) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit

* Emission rates are based on and the facilities are limited by the maximum hourly and annual throughput rates specified in the confidential file dated May 1995. The following are the maximum operating schedules:

Fluidized Bed Dryer (Emission Point No. [EPN] E-1):

Hrs/day 20 Days/week 6 Weeks/year 52 or Hrs/year 6,240

Masonry Cement Silo (EPN E-2):

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Hrs/day 20 Days/week 6 Weeks/year 52 or Hrs/year 120
Cement Silos (EPNs E-3 through E-5):
Hrs/day 20 Days/week 6 Weeks/year 52 or Hrs/year 1,000
Bagging Operations (EPN E-6):
Hrs/day 20 Days/week 6 Weeks/year 52 or Hrs/year 6,240

Date: August 18, 2014