

Emission Sources - Maximum Allowable Emission Rates

Permit Number 74573

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 (8) *	
			lbs/hour	TPY
5, 6, 12, 13, 18, 26	Cement/Fly Ash Silo Baghouses	PM ₁₀	0.28	0.03
7	Central Baghouse	PM ₁₀	0.04	0.02
19	Central Baghouse	PM ₁₀	0.02	0.01
4	Mixer No. 1	PM ₁₀	0.02	0.01
11	Mixer No. 2	PM ₁₀	0.09	0.06
17	Mixer No. 3	PM ₁₀	0.08	0.05
MHFUG	Material Handling (4) (5)	PM	0.07	0.05
		PM ₁₀	0.03	0.02
SPFUG	Stockpiles (4)	PM	--	0.30
		PM ₁₀	--	0.15
FUG1	Coating Operations (4) (6)	VOC	0.60	0.36
FUG2	Coating Operations (4) (7)	VOC	15.50	5.43
21	Boiler	NO _x	1.19	5.52
		CO	1.00	4.39
		PM	0.09	0.44
		SO ₂	0.01	0.03
		VOC	0.13	0.57
22	Diesel Tank (12,000 gallon)	VOC	< 0.01	0.01
23	Hydraulic Oil Tank (500 gallon)	VOC	< 0.01	< 0.01
24	Motor Oil Tank (500 gallon)	VOC	< 0.01	< 0.01
25	Waste Oil Tank (500 gallon)	VOC	< 0.01	< 0.01

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- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources, use area name or fugitive source name.
- (3) CO - carbon monoxide
NO_x - total oxides of nitrogen
PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
SO₂ - sulfur dioxide
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- (4) Fugitive emissions are an estimate only.
- (5) Includes EPNs 1 - 3, 8 - 10, 14 - 16 and 20
- (6) Primer coating emissions are based on usage limits of 3.0 gallons per hour and 3,500 gallons per year.
- (7) Form release coating emissions are based on usage limits of 5.0 gallons per hour and 3,500 gallons per year.
- (8) 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 following maximum operating schedule:

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

Maximum Hourly Production: 100 Cubic yards/hour

Maximum Annual Production: 125,000 Cubic yards/year

Date: March 15, 2013