

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 8340A

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*
A-1	Sand Silo Baghouse	PM/PM ₁₀	0.10	<0.10
1	Rotoclone Collector Stack Pouring, Shakeout, Sand Handling, Mueller, and Core and Mold Making	PM/PM ₁₀	4.29	5.36
2	EIF Baghouse Stack EIFs and Pouring	PM/PM ₁₀ Pb	2.57 <0.005	3.21 <0.006
3	Finishing Baghouse Stack Casting Cleaning and Grinders	PM/PM ₁₀	2.57	3.21
4	Heat treat Oven	PM/PM ₁₀ SO ₂ NO _x CO VOC	0.04 <0.01 0.52 0.44 0.03	0.02 <0.01 0.25 0.21 0.01
BLDGFUG	Building Fugitives (4) EIFs, Sand Handling, Core and Mold Making, Shakeout, and Cleaning/Finishing	PM/PM ₁₀	2.94	3.68
ALL	ALL	HAPS	<0.05	<10.00

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- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names. For fugitive sources, use an area name or fugitive source name.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
PM - particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}
PM₁₀ - particulate matter equal to or less than 10 microns in diameter
PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
CO - carbon monoxide
Pb - lead
HAP - hazardous air pollutant as listed in § 112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations (40 CFR) Part 63, Subpart C
- (4) Fugitive emissions are an estimate only.

* Compliance with annual emission limits is based on a rolling 12-month period.

Dated January 11, 2010