

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 7365

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. (EPN) (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
BH-J	Baghouse J Stack - Pouring Area, Cooling Area, Shakeout, Shotbast (Cleaning and Finishing), and Sand Reclaim	PM/PM ₁₀ (7)	1.38	5.90
BH-K	Baghouse K Stack - Sand Silo 1, Sand Silo 2, and Sand Handling	PM/PM ₁₀ (5)	0.33	1.37
BH-S	Baghouse S Stack - 4 Furnaces	PM/PM ₁₀ (6) Lead	0.32 0.01	0.77 0.04
PH1	Scrap Preheater 1 Rated at 10MMBtu/hr	PM/PM ₁₀ (8) NO _x CO VOC SO ₂	0.07 0.98 0.82 0.05 0.01	0.33 4.29 3.61 0.24 0.03
PH2	Scrap Preheater 2 Rated at 10MMBtu/hr	PM/PM ₁₀ (8) NO _x CO VOC SO ₂	0.07 0.98 0.82 0.05 0.01	0.33 4.29 3.61 0.24 0.03
FUG	Building Fugitives (4)	PM (7) PM ₁₀ (7) Lead	4.93 4.29 0.012	21.60 18.79 0.05

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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 area name or fugitive source name.
- (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.
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
SO₂ - sulfur dioxide
CO - carbon monoxide
NO_x - nitrogen oxides

- (4) Fugitive emissions are an estimate only.

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

Hrs/day____Days/week____Weeks/year____or Hrs/year 8,760

- (5) Denotes silica sand/bentonite dust
- (6) Denotes iron dust
- (7) Denotes iron/silica sand/bentonite dust
- (8) Denotes products of combustion dust

Dated September 21, 2004