

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 26278

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
S-1 and S-3	Elect. Induction Furnaces 1-5, Grinding Table No. 2, Shot Blast No. 2, Truflow 2000 Pouring Line No. 2, and Turntable No. 2 Emissions from 2 Scrubber Stacks (35,000 cfm and 40,000 cfm). Pouring Line No. 1, Shot Blast No. 1, and, Grinding, Didion Sand Reclamation, Didion Shakeout, and Core Making Area No. 2 emissions from one of either Scrubber Stack or Vented to a 38,000 cfm Baghouse that Exhausts Inside the Building.	PM ₁₀ (total 2 stacks)	6.00	18.80
S-2	Core Making Area No. 1 Exhaust Stack	PM	2.40	7.52
		PM ₁₀	1.20	3.76
		VOC	1.68	5.26
F-1	Paint Operation (4)	VOC	3.59	11.18
F-2	Foundry Operations (4)	PM	0.94	2.93
		PM ₁₀	0.47	1.47
		VOC	0.51	1.60
		NO _x	0.08	0.35
		SO ₂	0.01	0.05
		CO	0.02	0.07

Note: All baghouses, including silo baghouses, shall be exhausted inside the building as make-up air for the two scrubbers.

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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 30 Texas Administrative Code Section 101.1
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
CO - carbon monoxide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

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

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

Maximum melt rates: 11.25 ton/hour 150 ton/day 46,800 ton/year

Dated March 7, 2001