

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 7917

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.

DATA			AIR CONTAMINANTS	
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates</u>	
			lb/hr	TPY
701A	Sand System Baghouse Stack	PM/PM ₁₀	0.71	3.13
		SO ₂	<0.01	0.01
		VOC	0.75	3.29
707	Furnace (3 units)/Preheater Baghouse Stack	PM/PM ₁₀	0.12	0.52
		CO	0.95	4.14
		NO _x	1.13	4.93
		SO ₂	0.01	0.03
		VOC	0.06	0.27
701B	Grinding Baghouse Stack	PM/PM ₁₀	0.99	4.32
702A/702B	Core Room Scrubbers	DMEA	0.10	0.44
701A FUG	Building Fugitives (Preheater, Furnaces, Sand System, Core Room, Casting Pouring and Cooling, Shakeout; and Casting Cleaning)	PM/ PM ₁₀	1.34	5.90
		CO	0.08	0.35
		NO _x	0.10	0.44
		SO ₂	<0.01	0.01
		VOC	0.38	1.66
		DMEA	0.48	2.08

(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) 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

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code ' 101.1

CO - carbon monoxide

DMEA - dimethylethylamine vapor

1, 2007

Date March