

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 6285

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
F1	Sand Shakeout Main Bay Baghouse Stack	PM	4.80	12.01
		PM ₁₀	4.80	12.01
F29	Sand Bin Baghouse Stack	PM	0.02	0.05
		PM ₁₀	0.02	0.05
F30	Sand Cooler Baghouse Stack	PM	0.19	0.48
		PM ₁₀	0.19	0.48
F31	Sand System Baghouse Stack	PM	2.31	5.78
		PM ₁₀	2.31	5.78
F32	Casting Dump Baghouse Stack	PM	4.63	11.56
		PM ₁₀	4.63	11.56
F33	Fugitives - Main Bay Baghouse Stack	PM	2.00	5.00
		PM ₁₀	2.00	5.00
F49	Sand Shakeout - Small Castings Scrubber Stack	PM	11.06	11.50
		PM ₁₀	11.06	11.50
F52	Electric Induction Furnaces Baghouse	PM	2.40	5.00
		PM ₁₀	2.40	5.00
F53	Furnace Building(4)	PM	0.43	0.45
		PM ₁₀	0.22	0.22
F54	LCF Shakeout Baghouse	PM	1.20	1.54
		PM ₁₀	1.20	1.54

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
F55	LCF Sand System Baghouse	PM	0.92	1.17
		PM ₁₀	0.92	1.17
F56	Flaskless Molding Mixer Baghouse	PM	0.80	0.82
		PM ₁₀	0.80	0.82
F57	LCF Sand Silo Baghouse	PM	0.02	0.01
		PM ₁₀	0.02	0.01
F62	LCF Sand Heater Baghouse	PM	0.08	0.16
		PM ₁₀	0.80	0.16
FG-1	Material Handling(4)	PM	0.86	3.77
		PM ₁₀	0.43	1.88
FG-2	LCF Fugitive Material Handling(4)	PM	2.00	5.00
		PM ₁₀	1.00	2.50

(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) 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 PM greater than 10 microns is emitted.

(4) Fugitive emissions are an estimate only.

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

16 Hrs/day 6 Days/week 52 Weeks/year 4,992
Hrs/year

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			<u>lb/hr</u>	<u>TPY</u>

Dated_____