

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 38292

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
EP01(fug)	Core and Mold Processing (4) 0.56	PM		0.22
		PM ₁₀	0.11	0.28
		VOC	3.00	7.80
EP02	Pouring and Cooling Fume/Dust Collector Stack	PM ₁₀	1.72	4.47
		SO ₂	0.09	0.23
		HAPS	0.10	0.24
EP03(fug)	Electric Induction Furnaces 1 and 2 (4)	PM ₁₀	0.04	0.10
EP04(fug)	Calcium Wire Injection (4)	PM ₁₀	0.02	0.05
EP05	Sand Handling and Shakeout Dust Collector Stack	PM ₁₀	0.65	1.69
EP06	Shotblast, Abrasive Cutoff, and 1.12 Arc Air Dust Collector Stack	PM ₁₀		0.43
EP07	Normalizing Furnace Vent	PM ₁₀	0.032	0.084
		SO ₂	<0.01	<0.01
		NO _x	0.27	0.70
		CO	0.057	0.15
		VOC	0.016	0.041

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AIR CONTAMINANTS DATA

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

- (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.

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(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.

SO₂ - sulfur dioxide

NO_x - total oxides of nitrogen

CO - carbon monoxide

VOC - volatile organic compounds as defined in General Rule 101.1

HAPS - hazardous air pollutant mixture as represented specifically in the permit calculations representation.

(4) Fugitive emissions are an estimate only.

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

_____ 20 _____ Hrs/day _____ 5 _____ Days/week _____ 52 _____ Weeks/year or _____
Hrs/year

Maximum Steel Melting Rate: _____ 4 _____ tons/hour _____ 5,334 _____
tons/year

Dated _____