

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 3287

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 *	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
1	Plant I Furnace	PM <sub>10</sub>	1.15	4.13
	Baghouse Stack	CO	18.30	28.37
		NO <sub>x</sub> 10.20	15.81	
2	Plant I Sand System	PM <sub>10</sub>	1.38	4.96
	Baghouse Stack			
3	Plant II Furnace	PM <sub>10</sub>	4.06	14.63
	Baghouse Stack	CO	30.05	28.37
		NO <sub>x</sub> 17.00	15.81	
4	Plant II Sand System	PM <sub>10</sub>	2.94	10.58
	Baghouse Stack			
F5	Furnace Fugitives	PM	8.40	9.76
	(Both Furnaces) (4)	PM <sub>10</sub>	3.95	4.59
F6	Mold and Core	VOC	38.74	139.46
	System Fugitives (4)			
F7	Natural Gas Combustion	PM <sub>10</sub>	0.03	0.11
	Fugitives (4)	NO <sub>x</sub>	0.69	2.48
		CO	0.14	0.52
		VOC	0.03	0.10
		SO <sub>2</sub>	<0.01	0.02

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- (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 PM<sub>10</sub>.  
PM<sub>10</sub> - particulate matter (PM) 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.  
NO<sub>x</sub> - total oxides of nitrogen.  
CO - carbon monoxide.  
VOC - volatile organic compounds.  
SO<sub>2</sub> - sulfur dioxide.
- (4) Fugitive emissions are an estimate.

Hrs/day 16 Days/week 5 Weeks/year 52 or Hrs/year 7,200

Facility production limits: Total steel: Tons/hour 8.0  
Tons/year 18,600  
Stainless steel: Tons/hour 8.0 Tons/year 1,200

Pepset and Isocure usage limits: Pepset: Tons/year 479  
Isocure: Tons/year 33

Dated \_\_\_\_\_