

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 Point No. (1)	Source		Air Contaminant		<u>Emission Rates</u>	
	Name (2)	Name (3)	lb/hr	TPY		
1	Plant I Furnace Baghouse Stack		TSP		1.15	2.38
			PM ₁₀		1.15	2.38
			CO		18.30	12.58
			NO _x		10.20	7.01
2	Plant I Sand System Baghouse Stack		TSP		1.38	2.86
			PM ₁₀		1.38	2.86
3	Plant II Furnace Baghouse Stack		TSP		4.06	8.45
			PM ₁₀		4.06	8.45
			CO		30.05	20.97
			NO _x		17.00	11.69
4	Plant II Sand System Baghouse Stack		TSP		4.87	10.12
			PM ₁₀		4.87	10.12
F5	Furnace Fugitives (both Furnaces) (4)		TSP		8.40	5.78
			PM ₁₀		3.95	2.72
F6	Mold and Core System Fugitives (4)		VOC		37.14	77.26
F7	Natural Gas Combustion Fugitives (4)		TSP		0.03	0.07
			PM ₁₀		0.03	0.07
			NO _x		0.69	1.44
			CO		0.14	0.30
			VOC		0.03	0.06
			SO ₂		<0.01	0.01

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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.

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- (3) TSP - total suspended particulate matter (including PM₁₀).
PM₁₀ - particulate matter less than 10 microns in diameter
NO_x - total oxides of nitrogen.
CO - carbon monoxide.
VOC - volatile organic compounds.
SO₂ - sulfur dioxide.
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

Hrs/day 16 Days/week 5 Weeks/year 52 or Hrs/year 4,160

Total Facility Production Tons/hour 8.0 Tons/year 11,600

Dated _____