

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 2057

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
A	Electric Induction Furnaces Baghouse Stack	TSP	3.42	8.57
		PM ₁₀	3.42	8.57
B	Hunter 20 Shot Blast and Grinding Baghouse Stack	TSP	1.71	4.27
		PM ₁₀	1.71	4.27
C	Grinding Room Baghouse Stack	TSP	1.58	3.96
		PM ₁₀	1.58	3.96
D	Sand Reclaimer Baghouse Stack 0.86	TSP		0.34
		PM ₁₀	0.34	0.86
E	32-Sand Mold Area Baghouse Stack	TSP	1.71	4.27
		PM ₁₀	1.71	4.27
F	32-Shakeout and Grinding Baghouse Stack	TSP	1.71	4.27
		PM ₁₀	1.71	4.27
G	Scrap Preheater Baghouse Stack	TSP	1.71	4.27
		PM ₁₀	1.71	4.27
		CO	0.04	0.10
		NO _x	0.19	0.48
		SO ₂	0.001	0.003
		VOC	0.005	0.013

(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) TSP - total suspended particulate matter including PM₁₀

PM₁₀ - particulate matter less than 10 microns in diameter

CO - carbon monoxide

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NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
VOC - volatile organic compounds as defined in General Rule 101.1

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

Hrs/day 20 Days/week 5 Weeks/year 50 or
Hrs/year 5,000

Production Rates: Tons/hour 7 Tons/year 35,000

Dated _____