

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 20994

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
1	Induction Furnace, Shell Core, and Mold Pouring Baghouse	TSP	0.87	2.54
		PM ₁₀	0.87	2.54
		VOC	1.56	4.53
3	Sand Silo Baghouse	TSP	0.21	0.61
		PM ₁₀	0.21	0.61
4	Sand Reclaim and Shakeout Baghouse	TSP	0.24	0.70
		PM ₁₀	0.24	0.70
6	Shot Blast Baghouse	TSP	0.60	1.75
		PM ₁₀	0.60	1.75
7	Cleaning Room Baghouse	TSP	0.65	1.88
		PM ₁₀	0.65	1.88
8	OD Grinders Nos. 1, 2, and 3 Baghouse	TSP	0.18	0.53
		PM ₁₀	0.18	0.53
9	OD Grinder No. 5 and Surface Grinder Baghouse	TSP1	0.11	0.30
		PM ₁₀	0.11	0.30
11	Painting Operation Stack	TSP	0.32	0.06
		PM ₁₀	0.32	0.06
		VOC	3.13	0.57
12	Heat Treat Ovens	TSP	0.02	0.02
		PM ₁₀	0.02	0.02
		VOC	<0.01	<0.01
		NO _x	0.10	0.15
		CO	0.03	0.03
		SO ₂	<0.01	<0.01

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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>
13	Indoor Sand Stockpile	TSP	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
15	OD Grinder No. 4 Baghouse	TSP	0.11	0.30
		PM ₁₀	0.11	0.30

- (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) VOC - volatile organic compounds as defined in General Rule 101.1
- NO_x - total oxides of nitrogen
- SO₂ - sulfur dioxide
- TSP - total suspended particulate including PM₁₀
- PM₁₀ - particulate matter less than 10 microns
- CO - carbon monoxide

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

16 Hrs/day 7 Days/week 52 Weeks/year or 5,824 Hrs/year

1,100 pounds/hr 2,200 tons/yr

Dated _____