

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

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		Air Contaminant		<u>Emission Rates *</u>	
	Name (2)	Name (3)	lb/hr	TPY		
EPN-1	Electric Induction Furnace, Shell Core, Mold Pouring Baghouse			PM	0.08	0.12
				VOC	1.56	2.26
				Pb	0.0005	0.0007
EPN-2	Sand Silo Vent Baghouse			PM10	0.07	0.10
EPN-3	Sand Shakeout and Sand Reclamation Baghouse			PM10	0.02	0.04
EPN-4	Shot Blast Baghouse			PM10	0.03	0.05
EPN-5	Cleaning Booths Baghouse			PM10	<0.01	<0.01
EPN-6	Grinding Baghouse			PM10	<0.01	<0.01
EPN-7	Grinding Wet Cartridge			PM10	<0.01	0.015
EPN-8	Grinding Baghouse			PM10	<0.01	<0.01
FUG-1	Paint Booth Exhaust (4)			PM	0.24	0.37
				VOC	<0.01	<0.01
FUG-2	Green Sand Storage Pile (4)			PM	1.19	1.84

- (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
PM10 - particulate matter less than 10 microns
VOC - volatile organic compounds as defined in General Rule 101.1
Pb - lead
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

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- * Emission rates are based on and the facilities are limited by the maximum annual throughput of 1,000 tons of cast iron and 60 tons of ductile iron per year and the following operating schedule:

Hrs/day 10 Days/week 6 Weeks/year 52 or Hrs/year 3,130