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 Name (2) Name (3)	Air Contaminant	lb/hr	TPY	Emission Rates *
EPN-1	Electric Induction Furnace, Shell Core, Mold Pouring Baghouse	PM10 VOC Pb	0.08 1.56 0.0005	0.12 2.26 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	
FUG-1	Paint Booth Exhaust (4)	PM10 VOC	0.24 <0.01	0.37 <0.01	
FUG-2	Green Sand Storage Pile (4)	PM PM10	1.19 0.60	1.84 0.92	

(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 including PM10
       PM10 - particulate matter less than 10 microns
       VOC - volatile organic compounds as defined in General Rule 101.1
       NOx - total oxides of nitrogen
       SO2 - sulfur dioxide
       CO   - carbon monoxide
       Pb   - lead
(4)   Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

 *   Emission rates are based on and the facilities are limited by the maximum annual production of

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1000 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

Revised _____