

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

2410

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		
F1	Casting Area Fugitives (4)			TSP	1.12	4.89
				PM10	1.12	4.89
32	Tundish Heater (5)			PM10	0.10	0.44
				SO2	<0.01	0.02
				NOx	1.05	4.60
				CO	0.26	1.14
				VOC	0.02	0.09

- (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
 VOC - volatile organic compounds as defined in General Rule 101.1
 NOx - total oxides of nitrogen
 SO2 - sulfur dioxide
 CO - carbon monoxide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate. Includes particulates from torch cutting operation.
- (5) Based on 7,500 CFH capacity natural gas heater.

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

Hrs/day 24 Days/week 7 Weeks/year 52 or Hrs/year

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And based on a maximum hourly throughput of 200 tons and a maximum annual throughput of 1.14 million tons of steel.