

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

2448

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	Source	Air Contaminant	<u>Emission Rates*</u>	
Point No. (1)	Name (2)	Name (3)	#/hr	TPY
11	Baghouse for 2 Electric Arc Furnaces	PM10	27	100
		CO	2,200	8,100
35	Ladle Refining Furnace (4)	PM10	1.2	5.1
		PM	1.5	6.3
		NOx	1.5	6.3
		SO2	1.2	5.1
		CO	15	63
36	Vacuum Degasser	CO	224	4.0 (5)
37	27,600 lb/hr Steam Boiler (6)	PM10	.24	1.0
		CO	1.7	7.2
		NOx	2.5	10.3
		VOC	0.20	1.2
		SO2	0.03	0.13

- (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
 NOx - total oxides of nitrogen
 SO2 - sulfur dioxide
 PM - particulate matter (includes all PM10 matter)
 PM10 - particulate matter less than 10 microns
 CO - carbon monoxide
- (4) 8,760 hrs/yr
- (5) Annual emissions are based on decarburization of 4,320 tons per year in the degassing unit at a maximum rate of 120 tons per year.
- (6) The boiler is exempted under Standard Exemption No. 7 and is only listed for source accounting purposes.

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

schedule:

Hrs/day___Days/week___Weeks/year___or Hrs/year 8,428

Revised _____