

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

2356

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		
BFM1-17	Heat Treating Unit M-1			NOx	1.0	1.8
				CO	1.4	6.0
				VOC	0.4	1.0
				H2S	0.005	0.005
				SO2	0.7	0.7
				SO3	0.06	0.08
				COS	0.22	0.4
HGTDC2	CIN: HGTDCFF2 Thermax Dust Collector			Carbon Black	0.51	0.06
				Graphite	0.51	0.05
FESDC35	CIN: FESDCFF35 South Dust Collector			Coke	1.10	3.42
				Carbon	0.13	0.40
				Graphite	0.06	0.20
S1DC36	CIN: S1DCFF36 S1 Dust Collector			Carbon	1.0	1.95
				Graphite	0.50	0.96
S1PMS50	CIN: S1PMS50 Screen Collector			Carbon	0.05	0.09
				Graphite	0.02	0.05
S1MT51	CIN: S1MT51 Tank Collector			PM10	0.13	0.27

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name.

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

- (3) All air contaminants listed above, except for EPN BFM1-17, are considered PM10.  
PM10 - particulate matter less than 10 microns in diameter  
NOx - nitrogen oxides  
CO - carbon monoxide  
VOC - volatile organic compounds  
H2S - hydrogen sulfide  
SO2 - sulfur dioxide  
SO3 - sulfur trioxide  
COS - carbonyl sulfide

\* 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 8,760

REVISED \_\_\_\_\_