

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 2408

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		
31	Melt Shop Baghouse (a)		TSP		41.20	159.10
			PM ₁₀		41.20	159.10
			CO		2,400.00	9,460.80
F-23	Electric Arc Furnace Fugitives (4) (a)		TSP		37.33	147.17
			PM ₁₀		37.33	147.17
F-23-L	Ladle Preheat Area (4) (b)		TSP		1.77	7.01
			PM ₁₀		0.65	2.56
			NO _x		18.12	71.60
			CO		4.53	17.90
			VOC		0.36	1.43
			SO ₂		0.08	0.31
F-26-1 to F-26-6	Lime System Fugitives (4) (c)		TSP		5.35	0.83
			PM ₁₀		2.53	0.39
F-23-1,2,3	Scrap Handling Fugitives (4) (d)		TSP		14.84	58.64
			PM ₁₀		7.02	27.73
F-44-1 to F-44-20	Slag Handling Fugitives (4) (e)		TSP		211.20	153.51
			PM ₁₀		99.89	72.61
F-44-P1,P2	Slag Stockpiles (4) (f)		TSP		1.82	7.98
			PM ₁₀		0.86	3.77

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

- (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.
 - NO_x - total oxides of nitrogen.
 - CO - carbon monoxide.
 - VOC - volatile organic compounds.
 - SO₂ - sulfur dioxide.
 - (4) Fugitives are an estimate only and should not be considered as a maximum allowable emission rate.
-
- (a) Emission rates are based on and the facilities are limited to a three hour total of 400 tons of steel tapped and 1,051,200 tons of steel annually.
 - (b) Emission rates are based on and the facilities are limited to an hourly fuel usage of 130,000 scf and 1,022,818 Mscf annually.
 - (c) Emission rates are based on and the facilities are limited to an hourly throughput of 100 tons and an annual throughput of 15,768 tons of lime.
 - (d) Emission rates are based on and the facilities are limited to an hourly throughput of 286 tons and an annual throughput of 2,260,645 tons of scrap steel.
 - (e) Emission rates are based on and the facilities are limited to an hourly throughput of 150 tons and an annual throughput of 75,000 tons of slag.
 - (f) Emission rates are based on and the facilities are limited to 10 acres of stockpiled magnetic and nonmagnetic slag.

Dated _____