

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 2430/PSD-TX-128

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		
11	Lime and Dolomite Silo Baghouse (a)			PM10	0.09	0.38
*12	Electric Arc Furnaces Baghouse (b)			PM10	30.00	107.46
				CO	648.00	1,800.00
13	Billet Reheat Furnace Stack (c)			PM10	0.76	1.68
				NOx	20.21	44.90
				CO	10.88	24.18
				VOC	0.21	0.47
				SO2	0.09	0.20
14	Continuous Caster Baghouse (d)			PM10	0.29	0.68
15	Ladle Preheat (e)			PM10	0.20	0.88
				NOx	2.04	8.95
				CO	0.51	2.24
				VOC	0.04	0.18
				SO2	0.01	0.04
22	Lime Storage Baghouse (a)			PM10	0.09	0.38
23	Dolomite Storage Baghouse (a)			PM10	0.09	0.38
21	Electric Arc Furnaces Baghouse (f)			PM10	30.90	135.80
				CO	972.00	2,025.00

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24	Billet Reheat Furnace	PM10	0.71	1.64
		Stack (g)	NOx	27.90
	64.32			
		CO	10.42	24.06
		VOC	0.20	0.46
		SO2	0.09	0.20

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Emission	Source	Air Contaminant		
(1)	Name (2)	Name (3)	lb/hr	TPY
26	Ladle Preheat (h)	PM10	0.23	0.99
		NOx	2.30	10.07
		CO	0.58	2.52
		VOC	0.05	0.20
		SO2	0.01	0.04
	Process Fugitives (4)	TSP	7.70	18.30

* The electric arc furnace Baghouse in the Texas I facility is not subject to NSPS.

- (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) PM10 - particulate matter less than 10 microns in diameter.
CO - carbon monoxide
NOx - total oxides of nitrogen
VOC - volatile organic compounds
SO2 - sulfur dioxide
TSP - total suspended particulate including PM10
 - (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 1,000 acfm for 8,736 hours per year.
 - (b) Emission rates are based on and the facilities are limited to an hourly throughput of 72 tons and an annual production of 400,000 tons of steel with no more than 8,000 tons per year of remelt.
 - (c) Emission rates are based on and the facilities are limited to an hourly throughput of 90 tons and an annual throughput of 400,000 tons of steel.
 - (d) Emission rates are based on and the facilities are limited to an hourly throughput of 180 tons and an annual throughput of 850,000 tons of steel.
 - (e) Emission rates are based on and the facilities are limited to an hourly usage of 14,655 scf of natural gas for 8,736 hours per year.
 - (f) Emission rates are based on and the facilities are limited to an hourly throughput of 108 tons and an annual throughput of 450,000 tons of steel with no more than 9,000 tons per year of remelt.
 - (g) Emission rates are based on and the facilities are limited to an hourly throughput of 130 tons and an annual throughput of 600,000 tons of steel.
 - (h) Emission rates are based on and the facilities are limited to an hourly usage of 16,485 scf of natural gas for 8,736 hours per year.

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Dated _____