EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Nos. 2430 and PSD-TX-128M1

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 Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
11	Lime and Dolomite Silo Baghouse (a)	PM_{10}	0.09	0.38
*12	Electric Arc Furnaces Baghouse (b)(k)	PM_{10}	30.00	243.26
		CO	648.00	3,825.00
13	Billet Reheat Furnace Stack (c)	PM_{10}	0.76	1.68
		NO_x	20.21	44.90
		CO	10.88	24.18
		VOC	0.21	0.47
		SO_2	0.09	0.20
14	Continuous Caster Baghouse (d)	PM_{10}	0.29	0.68
15	Ladle Preheat (e)	PM_{10}	0.20	0.88
		NO_x	2.04	8.95
		CO	0.51	2.24
		VOC	0.04	0.18
		SO_2	0.01	0.04
22	Lime Storage Baghouse (a)	PM_{10}	0.09	0.38
23	Dolomite Storage Baghouse (a)	PM_{10}	0.09	0.38
21	Electric Arc Furnaces Baghouse (h)(k)	PM_{10}	30.90	-.-
		CO	972.00	-.-

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
24	Billet Reheat Furnace Stack (i)	PM_{10}	0.71	1.64
		NO_x	27.90	64.32
		CO	10.42	24.06
		VOC	0.20	0.46
		SO_2	0.09	0.20
26	Ladle Preheat (j)	PM_{10}	0.23	0.99
		NO_x	2.30	10.07
		CO	0.58	2.52
		VOC	0.05	0.20
		SO_2	0.01	0.04
	Process Fugitives (4)	PM	7.70	18.30

(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) PM - particulate matter, suspended in the atmosphere, including PM_{10}
PM_{10} - particulate matter less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.
CO - carbon monoxide
NO_x - total oxides of nitrogen
SO_2 - sulfur dioxide
VOC - volatile organic compounds as defined in 30 Texas Administrative Code 101.1
(4) Fugitives are an estimate only and should not be considered as a maximum allowable emission rate.
(a) Emission rates (ER) are based on and the facilities are limited to 1,000 acfm for 8,736 hours per year (hrs/yr).
(b) Short-term ER are based on and the facilities are limited to an hourly throughput of 72 tons.
(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) The ERs 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) The ERs are based on and the facilities are limited to an hourly usage of 14,655 Standard cubic feet (scf) of natural gas for 8,736 hrs/yr.

* The electric arc furnace Baghouse in the Texas I facility is not subject to New Source Performance Standards.

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(h) Short-term ERs are based on and the facilities are limited to an hourly throughput of 108 tons.

(i) The ERs 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.

(j) The ERs are based on and the facilities are limited to an hourly usage of 16,485 scf of natural gas for 8,736 hrs/yr.

(k) Annual ERs are based on and the facilities are limited to 850,000 tons per year (tons/yr) with no more than 17,000 tons/yr of remelt. Texas I may produce up to a maximum 400,000 tons/yr and Texas II may produce up to a maximum of 600,000 tons/yr so long as the total production is not exceeded. Annual emissions are combined under Emission Point No. (EPN) 12. The portion of emissions from Texas II are subject to NSPS AA

Dated May 5, 2000