

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
10	Texas I Lime Silo Baghouse	PM ₁₀	0.03	0.2
11	Texas I Dolomite Silo Baghouse	PM ₁₀	0.03	0.2
*12	TX-I Electric Arc Furnaces Baghouse	PM ₁₀	11.30	45.0
		Lead	0.006	0.02
		NO _x	35.00	137.0
		CO	398.00	1591.0
		VOC	23.10	92.1
		SO ₂	8.40	34.0
13	TX-I Billet Reheat Furnace Stack	PM ₁₀	1.20	4.0
		NO _x	19.80	87.0
		CO	12.50	43.5
		VOC	0.90	2.9
		SO ₂	0.10	0.4
14	Continuous Caster Baghouse	PM ₁₀	0.29	1.2
		CO	4.70	18.7
15	TX-I Ladle Preheat	PM ₁₀	0.20	0.5
		NO _x	1.42	6.3
		CO	1.20	5.3
		VOC	0.08	0.4
		SO ₂	0.01	0.1
22	TX-II Lime Storage Baghouse	PM ₁₀	0.03	0.2

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
23	TX-II Dolomite Storage Baghouse	PM ₁₀	0.03	0.2
21	TX-II Electric Arc Furnaces Baghouse	PM ₁₀	17.10	68.3
		Lead	0.009	0.034
		NO _x	51.30	205.0
		CO	597.00	2386.5
		VOC	34.60	138.1
		SO ₂	13.00	50.4
24	TX-II Billet Reheat Furnace Stack	PM ₁₀	1.50	4.6
		NO _x	27.00	118.0
		CO	16.50	50.4
		VOC	1.10	3.3
		SO ₂	0.12	0.4
26	TX-II Ladle Preheat	PM ₁₀	0.12	0.6
		NO _x	1.60	7.0
		CO	1.40	6.0
		VOC	0.09	0.4
		SO ₂	0.01	0.1
FUGI	TX-I Process Fugitives (4)	PM ₁₀	10.80	43.0
		NO _x	0.18	0.7
		CO	2.00	8.0
		VOC	0.12	0.5
		SO ₂	0.04	0.2
FUGII	TX-II Process Fugitives (4)	PM ₁₀	16.20	65.0
		NO _x	0.26	1.1
		CO	3.06	12.2
		VOC	0.18	0.7
		SO ₂	0.06	0.3

(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 PM₁₀
PM₁₀ - 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
 - SO₂ - sulfur dioxide
 - VOC - volatile organic compounds as defined in 30 Texas Administrative Code 101.1
- (4) Fugitives are an estimate.

Emissions are based on, and the facilities limited to, the following production limits and/or operating hours:

Texas I Furnaces: 576,000 tons of steel per year total production

Texas II Furnaces: 864,000 tons of steel per year total production

Roll Mill (EPN 13 & 24): 8,760 hours of operation per year operating separately from the Meltshop and Casting Deck

See Special Condition 16 for calculation of furnace production rate.

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

Dated_____