

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Nos. 9397 and PSD-TX-625

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
2	Electric Arc Furnace or Cupola 1 or Cupola 2	PM ₁₀	3.24	14.30
		NO _x	12.85	52.06
		CO	1477.00	4800.40
		SO ₂	149.81	487.80
		HF	0.57	2.10
		H ₂ S	15.70	57.60
		COS	19.87	75.82
		TRS	35.57	133.42
		HCN	<0.01	0.03
3	Scrubber	PM ₁₀	21.20	80.90
		VOC	0.05	0.22
4	Material Handling (includes Stockpiles)	PM	1.00	0.70
		PM ₁₀	0.47	0.38
5	Cupola Building Fugitives	PM ₁₀	<0.01	<0.01
		NO _x	<0.01	<0.01
		CO	0.15	0.47
5	Cupola Building Fugitives	SO ₂	<0.01	0.04
		HF	<0.01	<0.01
		H ₂ S	<0.01	<0.01
		COS	<0.01	<0.01
		TRS	<0.01	0.01
		HCN	<0.01	<0.01
6	Oil Storage Tank	VOC	1.82	<0.01

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- (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) VOC - volatile organic compounds as defined in 30 Texas Administrative Code Section 101.1
PM - particulate matter, suspended in the atmosphere, including PM₁₀.
PM₁₀ - particulate matter equal to or 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.
NO_x - nitrogen oxide
CO - carbon monoxide
SO₂ - sulfur dioxide
HF - hydrogen fluoride
H₂S - hydrogen sulfide
COS - carbonyl sulfide
TRS - total reduced sulfur
HCN - hydrogen cyanide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

* 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

Dated April 26, 2000