

Emission Sources - Maximum Allowable Emission Rates

Permit Numbers 596 and PSDTX847

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, sources, and related activities. 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 (5)	
			lbs/hour	TPY
6A	Cake Furnace Stack	PM*	6.43	28.20
		PM ₁₀ *	3.13	13.70
		CO	258.00	1130.00
		SO ₂	0.09	0.40
		NO _x	1.80	7.90
		VOC	0.50	2.20
6B	Billet Furnace Stack	PM*	3.89	17.00
		PM ₁₀ *	1.28	5.60
		CO	99.00	113.00
		SO ₂	0.05	0.22
		NO _x	0.50	2.20
		VOC	0.50	2.20
6D	Rod Furnace Stack	PM*	9.28	40.60
		PM ₁₀ *	7.35	32.20
		CO	363.00	1590.00
		SO ₂	0.12	0.53
		NO _x	5.60	24.50
		VOC	4.00	17.50
F6A	Fugitives (4)	PM ₁₀ *	0.10	0.33

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- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names. For fugitive sources use area name or fugitive source name.
- (3) 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.
CO - carbon monoxide
SO₂ - sulfur dioxide
NO_x - total oxides of nitrogen
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1.
- (4) Fugitive emissions are an estimate only.
- (5) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

* Predominately copper dust

Date: January 31, 2013