

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 77214

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**
FURNSTK1	Furnace 1 630 MMBtu/hr	NO _x	37.80	37.8
		CO	25.20	25.2
		SO ₂	0.36	0.4
		VOC	3.3	3.3
		PM ₁₀	4.56	4.6
FURNSTK2	Furnace 2 630 MMBtu/hr	NO _x	37.80	37.8
		CO	25.20	25.2
		SO ₂	0.36	0.4
		VOC	3.3	3.3
		PM ₁₀	4.56	4.6
FURNSTK3	Furnace 3 315 MMBtu/hr	NO _x	18.90	14.2
		CO	12.60	9.5
		SO ₂	0.18	0.2
		VOC	1.65	1.3
		PM ₁₀	2.28	1.8
FURNSTK8	Furnace 8 63 MMBtu/hr	NO _x	5.99	3.0
		CO	5.04	2.6
		SO ₂	0.04	0.1
		VOC	0.33	0.2
		PM ₁₀	0.46	0.3
FUG2	Slab Cutting for Preheat (4)	NO _x	0.53	2.1
		CO	0.44	1.8
		SO ₂	3.2E-3	0.02
		VOC	0.03	0.2
		PM ₁₀	4.16	16.0
		Chromium	0.83	0.4
		Nickel	0.50	0.2

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			lb/hr	TPY**
FUG2	Torch Cutting - Flame Cut (4)	NO _x	0.09	0.3
		CO	0.07	
		SO ₂	5.2E-4	
		VOC	4.8E-3	
		PM ₁₀	0.96	
		Chromium	0.19	0.05
		Nickel	0.12	
FUG2	Torch Cutting - Scrap Yard (4)	NO _x	0.02	0.07
		CO	0.02	
		SO ₂	1.4E-4	
		VOC	1.3E-3	
		PM ₁₀	0.07	
		Chromium	0.02	2.4E-3
		Nickel	7.7E-3	
FUG10	Roadway Fugitives (4)	PM ₁₀	4.29	4.29

(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 an area name or fugitive source name.

(3) VOC - volatile organic compounds as defined in 30 Texas Administrative Code § 101.1

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

PM - particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}.

PM₁₀ - particulate matter equal to or less than 10 microns in diameter.

CO - carbon monoxide

(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 ____Days/week ____Weeks/year or 8,760 Hrs/year

** Compliance with annual emission limits is based on a rolling 12-month period.

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			<u>lb/hr</u>	<u>TPY**</u>

Dated March 20, 2006