

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 40256

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
EF-FUG	10 East Forge Furnaces (4)	PM <sub>10</sub>	0.67	2.95
		VOC	0.49	2.13
		NO <sub>x</sub>	9.83	43.07
		SO <sub>2</sub>	0.05	0.23
		CO	7.44	32.59
		HCHO	0.007	0.03
		Hexane	0.16	0.70
WF-FUG	6 West Forge Furnaces (4)	PM <sub>10</sub>	0.35	1.55
		VOC	0.26	1.12
		NO <sub>x</sub>	5.18	22.69
		SO <sub>2</sub>	0.03	0.12
		CO	3.92	17.17
		HCHO	0.004	0.02
		Hexane	0.08	0.37
HT-FUG	9 Heat Treat Furnaces (4)	PM <sub>10</sub>	0.44	1.94
		VOC	0.32	1.40
		NO <sub>x</sub>	6.47	28.34
		SO <sub>2</sub>	0.03	0.15
		CO	4.90	21.44
		HCHO	0.004	0.02
		Hexane	0.10	0.46

- (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<sub>10</sub>.  
 PM<sub>10</sub> - 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.  
 VOC - volatile organic compounds as defined in 30 Texas Administrative Code Section 101.1  
 NO<sub>x</sub> - total oxides of nitrogen  
 SO<sub>2</sub> - sulfur dioxide  
 CO - carbon monoxide  
 HCHO - formaldehyde

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(4) Fugitive emissions are an estimate only.

- \* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

A maximum hourly throughput of 35 tons in the forging furnaces and on the following annual maximum natural gas usage:

- (a) 622,000 MMBtu for the forging furnaces, and
- (b) 268,000 MMBtu for the heat treating furnaces.

Dated March 13, 2001