

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 43480

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**
1MFS	Melting Furnace	PM <sub>10</sub>	2.14	9.00
		SO <sub>2</sub>	0.03	0.11
		NO <sub>x</sub>	3.76	16.43
		CO	1.60	6.99
		VOC	0.22	0.97
1HFS	Holding Furnace	PM <sub>10</sub>	0.16	0.67
		SO <sub>2</sub>	0.02	0.06
		NO <sub>x</sub>	1.88	8.22
		CO	0.80	3.50
		VOC	0.11	0.48
1HOS	Homogenizing Oven 1	PM <sub>10</sub>	0.08	0.34
		SO <sub>2</sub>	0.01	0.03
		NO <sub>x</sub>	0.94	4.11
		CO	0.40	1.75
		VOC	0.06	0.24
2HOS	Homogenizing Oven 2	PM <sub>10</sub>	0.08	0.34
		SO <sub>2</sub>	0.01	0.03
		NO <sub>x</sub>	0.94	4.11
		CO	0.40	1.75
		VOC	0.06	0.24
1 TREATS	AL Gas Treat Pot	PM <sub>10</sub>	0.01	0.04
		SO <sub>2</sub>	0.01	0.01
		NO <sub>x</sub>	0.10	0.42
		CO	0.04	0.18
		VOC	0.01	0.03
		Cl <sub>2</sub>	0.40	0.82

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
WB1	Boiler	PM <sub>10</sub>	0.11	0.50
		SO <sub>2</sub>	0.01	
		NO <sub>x</sub>	1.50	6.55
		CO	1.26	5.50
		VOC	0.08	0.36
FUG1	Bldg Fugitives (4)	PM <sub>10</sub>	0.41	1.78
		SO <sub>2</sub>	0.03	0.14
		NO <sub>x</sub>	5.05	22.05
		CO	2.15	9.38
		VOC	0.86	2.29

- (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 Section 101.1  
 NO<sub>x</sub> - total oxides of nitrogen  
 SO<sub>2</sub> - sulfur dioxide  
 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.  
 CO - carbon monoxide  
 Cl<sub>2</sub> - chlorine
- (4) Fugitive emissions are an estimate only.

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

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

Melting Furnace limited to 8,400 hours per year .

Natural gas use limited to 1,308 MM cubic feet per year

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

Dated \_\_\_\_\_