

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 41291

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 **	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY*
HD1	Hot Dross Recycling Baghouse Stack	PM <sub>10</sub>	1.30	1.97
		SO <sub>2</sub>	0.004	0.007
		NO <sub>x</sub>	0.07	0.11
		VOC	0.14	0.25
		CO	0.05	0.09
		HC1	0.30	0.58
		HF	0.10	0.12
FUG	Hot Dross Recycling (4) Building Fugitives	PM	1.91	2.9
		SO <sub>2</sub>	0.0001	0.0001
		NO <sub>x</sub>	0.001	0.002
		VOC	0.003	0.005
		CO	0.001	0.002
		HC1	0.004	0.007
		HF	0.0014	0.0017

(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

HCl - hydrogen chloride

HF - hydrogen fluoride

(4) Fugitive emissions are an estimate only.

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

\*\* Emission rates are based on and the facilities are limited by the following maximum operating schedule (dross processing) and throughput rates.:

\_\_\_\_\_ Hrs/day \_\_\_\_\_ Days/week \_\_\_\_\_ Weeks/year or 8,760  
Hrs/year

Maximum Hourly Throughput: 8,500 pounds of material (dross and flux).

Maximum Annual Throughput: 11,610 tons of dross per year

Dated\_\_\_\_\_