

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 236

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**
1	No. 1 Magnet Cyclone Stack Auto Shredder/Hammer Mill and No. 1 Magnet	PM	1.80	3.94
		PM10	1.12	2.44
		VOC	0.09	0.12
3	No. 1 Z Box Cyclone Stack No. 1 Z Box Separator	PM	5.82	12.75
		PM10	3.61	7.91
		VOC	0.29	0.40
4	No. 2 Z Box Cyclone/FabricFilter No. 2 Z Box Separator	PM/PM10	0.34	0.74
		VOC	0.02	0.04
5	Aluminum Shredder Cyclone/ Fabric Filter Stack	PM/PM10	0.01	0.02
		VOC	<0.01	<0.01
MHFUG	Material Handling Conveyors, Trommel, Magnets, Eddy Current Separators, and Drop Points	PM	0.13	0.28
		PM10	0.06	0.13
		VOC	0.007	0.007
PILES	Storage Pile Fugitives	PM	0.005	0.02
		PM10	0.0026	0.011
		VOC	0.00026	0.00056
ALFUG	Aluminum Shredder Fugitives Conveyors AL-1, AL-2, and AL-3, and Trommel	PM	0.14	0.009
		PM10	0.007	0.004
		VOC	<0.01	<0.01

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
TCUT	Torch Cutting Fugitives	CO	0.04	0.09
		Nox	0.17	0.37
		PM/PM10	0.50	0.10
		SO <sub>2</sub>	0.02	0.04
		VOC	0.01	0.01
ALL	All Sources (5)	HAPS	<0.07	<0.10

- (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 Title 30 Texas Administrative Code § 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> and PM<sub>2.5</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
- (4) Fugitive emissions are an estimate only.
- (5) Total allowable HAPS from all sources and HAPS are included in the PM/PM10 and VOC emission values shown for EPNs 1, 3, 4, 5, MHFUG, PILES, and ALFUG.

Dated\_\_\_\_\_