

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
		PM ₁₀	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
		PM ₁₀	3.61	7.91
		VOC	0.29	0.40
4	No. 2 Z Box Cyclone/Fabric Filter No. 2 Z Box Separator	PM/PM ₁₀	0.34	0.74
		VOC	0.02	0.04
5	Aluminum Shredder Cyclone/ Fabric Filter Stack	PM/PM ₁₀	0.01	0.02
		VOC	<0.01	<0.01
MHFUG	Material Handling (4) Conveyors, Trommel, Magnets, Eddy Current Separators, and Drop Points	PM	0.13	0.28
		PM ₁₀	0.06	0.13
		VOC	0.007	0.007
PILES	Storage Pile Fugitives (4)	PM	0.005	0.02
		PM ₁₀	0.0026	0.011
		VOC	0.00026	0.00056
ALFUG	Aluminum Shredder Fugitives (4) Conveyors AL-1, AL-2, and AL-3, and Trommel	PM	0.14	0.009
		PM ₁₀	0.007	0.004
		VOC	<0.01	<0.01
TCUT	Torch Cutting Fugitives (4)	CO	0.04	0.09

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
		NO _x	0.17	0.37
		PM/PM ₁₀	0.50	0.10
		SO ₂	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_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. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.
 CO - carbon monoxide
 HAPS - hazardous air pollutants
- (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 Emission Point Nos. 1, 3, 4, 5, MHFUG, PILES, and ALFUG.

Dated August 8, 2008