

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 90392

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)	<u>Emission Rates</u>	
			lb/hr	TPY*
01	Acid Tanks Scrubber Stack	HCl	<0.0005	<0.002
FUG1	Building 1 Fugitives (4) Acid Tanks Water Rinse Tank	HCl	<0.0005	0.002
02	Abrasive Blast Stack (5 and 7)	PM/PM ₁₀	0.003	0.007
FUG2	Building 2 Fugitives (4,6, and 7) Polishing, Grinding, and Turning Operations, Alkaline Dip Tank, Waste Water Treatment, and Welding Operations	PM/PM ₁₀	<0.004	0.011
03	Oven Stack (7)	PM/PM ₁₀	0.011	0.05
		NO _x	0.15	0.64
		CO	0.12	0.54
		SO ₂	0.001	0.004
		VOC	0.008	0.04
		Pb	7.4E-8	3.2E-7

- (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.

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- (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
- PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
- CO - carbon monoxide
- HCl - hydrogen chloride
- Pb - lead
- (4) Fugitive emissions are an estimate only.
- (5) The PM/PM₁₀ emissions include aluminum oxide, boron, carbon, chromium, cobalt, manganese, molybdenum, nickel, niobium, silicon, sulfur, tantalum, wolfram, and zirconium.
- (6) The PM/PM₁₀ emissions include chromium, cobalt, manganese, and nickel.
- (7) Sources operate per the authorization and criteria of a permit by rule as noted in the permit special conditions.

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

Dated December 21, 2009