

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 4087

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*
1	Shot Blast Dust Collector Stack	PM/PM ₁₀	0.48	2.10
FUG1	Foundry Building (4) (5)	PM/PM ₁₀	0.12	0.20
	Induction Furnaces,	NO _x	1.29	5.66
	Charge Handling, 4	CO	1.09	4.76
	Heat Treat Ovens, 1	SO ₂	0.01	0.03
	Mold Oven, Ladle Heater, and Casting Cutting	VOC	0.07	0.31
FUG2	Machine Shop Building (4) (5)	PM/PM ₁₀	0.26	<0.38
	25 lathes, 2 Honing Machines, Miscellaneous Machining and Grinding, and Water Eater 125E	VOC	1.35	2.02
2	Evaporator 375G Stack (5)	PM/PM ₁₀	<0.004	0.005
		NO _x	0.04	<0.0001
		CO	0.033	<0.0001
		SO ₂	<0.001	<0.0001
		VOC	0.002	<0.0001
All	ALL	HAPS	<0.005	<0.02

(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
- HAPS - hazardous air pollutants as listed in § 112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations Part 63, Subpart C
- (4) Fugitive emissions are an estimate only.
- (5) The HAPS to include CO, chromium, cadmium, manganese, and nickel included in PM and VOC values.

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

Dated: June 29, 2010