

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 40519

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
MF1	Melting Furnace Exhaust Stack 1 (Melting Furnace [MF] 1a, MF 1a Burner, MF 1b, and MF 1b Burner)	PM/PM ₁₀	0.89	3.33
		NO _x	0.63	2.36
		CO	0.53	1.98
		VOC	0.07	0.26
		SO ₂	<0.01	0.01
MF2	Melting Furnace Exhaust Stack 2 (MF 2, MF 2 Burner)	PM/PM ₁₀	0.15	0.55
		NO _x	0.13	0.49
		CO	0.11	0.41
		VOC	0.01	0.05
		SO ₂	<0.01	<0.01
DC1	Die Cast Machine No. 1	VOC	0.01	0.05
DC2	Die Cast Machine No. 2	VOC	0.01	0.05
DC3	Die Cast Machine No. 3	VOC	0.01	0.05
DC4	Die Cast Machine No. 4	VOC	0.01	0.05
DC5	Die Cast Machine No. 5	VOC	0.01	0.05
FUG	Building Fugitives (MF 1a, MF 1b, MF 2, and Shot Blast Machine) (4)	PM/PM ₁₀	0.21	0.86

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- (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
 - PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
 - CO - carbon monoxide
- (4) Fugitive emissions are an estimate only.

Dated March 3, 2009