

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 78813

This table lists the maximum allowable emission rates and all sources of air contaminants on the applicant's property covered by this permit. The emissions 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
C01	Gas Furnace/Die Cast Machine No. 1 (4)	PM/PM ₁₀	0.44	1.25
		VOC	1.03	2.88
		NO _x	0.06	0.17
		CO	0.05	0.14
		SO ₂	<0.01	<0.01
C03	Gas Furnace/Die Cast Machine No. 3 (4)	PM/PM ₁₀	0.44	1.25
		VOC	1.03	1.67
		NO _x	0.06	0.17
		CO	0.05	0.14
		SO ₂	<0.01	<0.01
C04	Gas Furnace/Die Cast Machine No. 4 (4)	PM/PM ₁₀	0.26	0.72
		VOC	0.59	1.85
		NO _x	0.03	0.10
		CO	0.03	0.08
		SO ₂	<0.01	<0.01
C05	Gas Furnace/Die Cast Machine No. 5 (4)	PM/PM ₁₀	0.44	1.25
		VOC	1.03	2.87
		NO _x	0.02	0.04
		CO	0.01	0.04
		SO ₂	<0.01	<0.01
C06	Electric Furnace/Die Cast Machine No. 6 (4) 1.33	PM/PM ₁₀		0.48
		VOC	1.10	3.07
C07	Gas Furnace/Die Cast Machine No. 7 (4)	PM/PM ₁₀	0.48	1.33
		VOC	1.10	3.07
		NO _x	0.02	0.04
		CO	0.01	0.04
		SO ₂	<0.01	<0.01
C08	Electric Furnace/Die Cast Machine No. 8 (4)	PM/PM ₁₀		0.29

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Emission		Source Air Contaminant <u>Emission Rates *</u>		
Point No. (1)		Name (2)		
		Name (3)		
		lb/hr		
		TPY		
	0.82			
		VOC	0.66	1.85
C31	Electric Furnace/Die Cast Machine No. 1 (4)	PM/PM ₁₀	0.14	0.40
		VOC	0.33	0.92
C32	Electric Furnace/Die Cast Machine No. 2 (4)	PM/PM ₁₀	0.14	0.40
		VOC	0.33	0.92
C33	Electric Furnace/Die Cast Machine No. 3 (4)	PM/PM ₁₀	0.05	0.13
		VOC	0.11	0.31
C42	Electric Furnace/Die Cast Machine No. 4 (4)	PM/PM ₁₀	0.14	0.40
		VOC	0.33	0.92
CMELT	Central Melting Furnace (4)	PM/PM ₁₀	5.09	14.27
		VOC	0.08	0.22
		NO _x	1.40	3.93
		CO	1.18	3.30
		SO ₂	<0.01	0.02
6	Shot Blast Machine Cartridge Filter (4)	PM/PM ₁₀	0.10	0.27
7	Evaporator (4)	PM/PM ₁₀	<0.01	<0.01
		VOC	<0.01	<0.01
		NO _x	0.03	0.08
		CO	0.02	0.07
		SO ₂	<0.01	<0.01

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Emission	Source	
	Air Contaminant	<u>Emission Rates *</u>
Point No. (1)	Name (2)	
	Name (3)	
	lb/hr	
	TPY	

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources use area name or fugitive source name.
- (3) PM - particulate matter, suspended in the atmosphere, including PM₁₀.
PM₁₀ - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.
SO₂ - sulfur dioxide
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
CO - carbon monoxide
NO_x - total oxides of nitrogen
- (4) Fugitive emissions are an estimate only.
- * Refer to Special Conditions for throughput limitations and basis of emission rates.

Dated __