

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 46926

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 *	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
B1	North Shell Area Baghouse Stack	PM ₁₀	0.43	1.80
		VOC	9.57	26.20
		Inorganics	0.16	0.50
B3	Warehouse Mixer Baghouse Stack	PM ₁₀	0.17	0.72
C1	Boiler Vent	PM ₁₀	<0.01	<0.01
		VOC	<0.01	<0.01
		SO ₂	<0.01	<0.01
		NO _x	<0.01	<0.01
		CO	<0.01	<0.01
C2	Furnace 1 Vent	PM ₁₀	<0.01	<0.01
		VOC	<0.01	<0.01
		SO ₂	<0.01	<0.01
		NO _x	<0.01	<0.01
		CO	<0.01	<0.01
C3	Furnace 2 Vent	PM ₁₀	<0.01	<0.01
		VOC	<0.01	<0.01
		SO ₂	<0.01	<0.01
		NO _x	<0.01	<0.01
		CO	<0.01	<0.01
C4	Furnace 3 Vent	PM ₁₀	<0.01	<0.01
		VOC	<0.01	<0.01
		SO ₂	<0.01	<0.01

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			<u>lb/hr</u>	<u>TPY</u>
C5	Furnace 4 Vent	NO _x	<0.01	
		CO	<0.01	
		PM ₁₀	<0.01	<0.01
		VOC	<0.01	
		SO ₂	<0.01	
		NO _x	<0.01	
		CO	<0.01	
C6	Furnace 5 Vent	PM ₁₀	<0.01	<0.01
		VOC	<0.01	
		SO ₂	<0.01	
		NO _x	<0.01	
		CO	<0.01	
C7	Furnace Hi-Vac Vent	PM ₁₀	<0.01	<0.01
		VOC	<0.01	
		SO ₂	<0.01	
		NO _x	<0.01	
		CO	<0.01	
C8	Gas Heater 1 Vent	PM ₁₀	<0.01	0.03
		VOC	<0.01	
		SO ₂	<0.01	
		NO _x	0.09	
		CO	0.08	
C9	Gas Heater 2 Vent	PM ₁₀	<0.01	0.03
		VOC	<0.01	
		SO ₂	<0.01	
		NO _x	0.09	
		CO	0.08	
C10	Gas Heater 3 Vent	PM ₁₀	<0.01	0.03
		VOC	<0.01	
		SO ₂	<0.01	

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)		Emission Rates *	
				lb/hr	TPY
		NO _x	0.09	0.39	
		CO	0.08	0.33	
C11	Gas Heater 4 Vent	PM ₁₀		<0.01	0.03
		VOC	<0.01	0.02	
		SO ₂	<0.01	<0.01	
		NO _x	0.09	0.39	
		CO	0.08	0.33	
C12	Gas Heater 5 Vent	PM ₁₀		<0.01	0.03
		VOC	<0.01	0.02	
		SO ₂	<0.01	<0.01	
		NO _x	0.09	0.39	
		CO	0.08	0.33	
C13	Gas Heater 6 Vent	PM ₁₀		<0.01	0.03
		VOC	<0.01	0.02	
		SO ₂	<0.01	<0.01	
		NO _x	0.09	0.39	
		CO	0.08	0.33	
C14	Gas Heater 7 Vent	PM ₁₀		<0.01	0.03
		VOC	<0.01	0.02	
		SO ₂	<0.01	<0.01	
		NO _x	0.09	0.39	
		CO	0.08	0.33	
C15	Gas Heater 8 Vent	PM ₁₀		<0.01	0.03
		VOC	<0.01	0.02	
		SO ₂	<0.01	<0.01	
		NO _x	0.09	0.39	
		CO	0.08	0.33	
C16	Gas Heater 9 Vent	PM ₁₀		<0.01	0.03
		VOC	<0.01	0.02	
		SO ₂	<0.01	<0.01	
		NO _x	0.09	0.39	

CO 0.08 0.33

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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) PM₁₀ - particulate matter (PM) 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.
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1.
SO₂ - sulfur dioxide
NO_x - total oxides of nitrogen
CO - carbon monoxide

* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

24 Hrs/day 7 Days/week 52 Weeks/year 8,400
Hours/year

Maximum allowable production rate: 875 tons/year aluminum castings only

Dated_____