

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 39945

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	<u>Emission Rates</u>	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
A	Breakdown Furnace No. 1 Exhaust Stack	PM ₁₀	0.04	0.32
		NO _x	0.19	1.32
		CO	0.04	0.26
		SO ₂	0.01	0.07
		VOC	0.02	0.11
		HF	<0.01	0.03
		HC1	<0.01	0.01
B	Breakdown Furnace No. 2 Exhaust Stack	PM ₁₀	0.03	0.16
		NO _x	0.10	0.66
		CO	0.02	0.13
		SO ₂	0.01	0.07
		VOC	0.01	0.03
		HF	<0.01	0.01
		HC1	<0.01	0.01
C	Building Ventilation Exhaust Stack	PM ₁₀	0.02	0.13
		NO _x	0.05	0.36
		CO	0.01	0.07
		SO ₂	0.01	0.07
		VOC	0.01	0.05
		HF	<0.01	0.01
		HC1	<0.01	0.01
D	Building Ventilation Exhaust Stack	PM ₁₀	0.02	0.13
		NO _x	0.05	0.36
		CO	0.01	0.07
		SO ₂	0.01	0.07
		VOC	0.01	0.05

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Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
		HF	<0.01	0.01
		HC1	<0.01	0.01
E	Building Ventilation	PM ₁₀	0.02	0.13
	Exhaust Stack	NO _x	0.05	0.36
		CO	0.01	0.07
		SO ₂	0.01	0.07
		VOC	0.01	0.05
		HF	<0.01	0.01
		HC1	<0.01	0.01
F	Building Ventilation	PM ₁₀	0.01	0.11
	Exhaust Stack	NO _x	0.04	0.28
		CO	0.01	0.07
		SO ₂	0.01	0.07
		VOC	0.01	0.05
		HF	<0.01	0.01
		HC1	<0.01	0.01
G	Building Ventilation	PM ₁₀	0.01	0.11
	Exhaust Stack	NO _x	0.04	0.28
		CO	0.01	0.07
		SO ₂	0.01	0.07
		VOC	0.01	0.05
		HF	<0.01	0.01
		HC1	<0.01	0.01
H	Building Ventilation	PM ₁₀	0.02	0.13
	Exhaust Stack	NO _x	0.05	0.36
		CO	0.01	0.07
		SO ₂	0.01	0.07
		VOC	0.01	0.05
		HF	<0.01	0.01
		HC1	<0.01	0.01

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Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
I	Building Ventilation Exhaust Stack	PM ₁₀	0.01	0.08
		NO _x	0.02	0.15
		CO	0.01	0.07
		SO ₂	0.01	0.07
		VOC	0.16	1.11
		HF	<0.01	0.01
		HC1	<0.01	0.01
J	Building Ventilation Exhaust Stack	PM ₁₀	0.01	0.08
		NO _x	0.02	0.15
		CO	0.01	0.07
		SO ₂	0.01	0.07
		VOC	0.16	1.11
		HF	<0.01	0.01
		HC1	<0.01	0.01
K	Building Ventilation Exhaust Stack	PM ₁₀	0.01	0.08
		NO _x	0.02	0.15
		CO	0.01	0.07
		SO ₂	0.01	0.07
		VOC	0.16	1.11
		HF	<0.01	0.01
		HC1	<0.01	0.01
L	Building Ventilation Exhaust Stack	PM ₁₀	0.01	0.07
		NO _x	0.01	0.08
		CO	0.01	0.07
		SO ₂	0.01	0.07
		VOC	0.09	0.65
		HF	<0.01	0.01
		HC1	<0.01	0.01

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Emission *	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
M	Building Ventilation Exhaust Stack	PM ₁₀	0.01	0.07
		NO _x	0.01	0.08
		CO	0.01	0.07
		SO ₂	0.01	0.07
		VOC	0.09	0.65
		HF	<0.01	0.01
		HC1	<0.01	0.01
N	Building Ventilation Exhaust Stack	PM ₁₀	0.01	0.08
		NO _x	0.02	0.15
		CO	0.01	0.07
		SO ₂	0.01	0.07
		VOC	0.16	1.12
		HF	<0.01	0.01
		HC1	<0.01	0.01
O	Building Ventilation Exhaust Stack	PM ₁₀	0.01	0.08
		NO _x	0.02	0.15
		CO	0.01	0.07
		SO ₂	0.01	0.07
		VOC	0.16	1.12
		HF	<0.01	0.01
		HC1	<0.01	0.01
P	Building Ventilation Exhaust Stack	PM ₁₀	0.01	0.08
		NO _x	0.02	0.15
		CO	0.01	0.07
		SO ₂	0.01	0.07
		VOC	0.16	1.12
		HF	<0.01	0.01
		HC1	<0.01	0.01

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
Q	Building Ventilation Exhaust Stack	PM ₁₀	0.01	0.08
		NO _x	0.02	0.15
		CO	0.01	0.07
		SO ₂	0.01	0.07
		VOC	0.16	1.12
		HF	<0.01	0.01
		HCl	<0.01	0.01
R	Parts Polishing Operation		PM ₁₀	0.06
	0.01 Dust Collector			

(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) VOC - volatile organic compounds as defined in 30 Texas Administrative Code Section 101.1

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

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.

CO - carbon monoxide

HF - hydrogen fluoride

HCl - hydrogen chloride

* Emission rates are based on and the facilities are limited by the maximum production rates that are listed in Special Condition No. 1.

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

Dated_____