

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 5261

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)	Emission Rates *	
			lb/hr	TPY
0-03	Waste Solvent Tank	VOC	<0.01	0.01
		Non-VOC	<0.01	<0.01
0-05	Technical Building Diesel Tank	VOC	<0.01	<0.01
0-06	Site Diesel Tank	VOC	<0.01	0.02
0-07	Site Gasoline Tank	VOC	0.02	0.09
0-09	West Building Hydrochloric Tank	Acid	<0.01	0.01
1-31	East Building Boiler	PM	0.02	0.05
		VOC	0.02	0.06
		SO ₂	<0.01	0.01
		NO _x	0.23	0.99
		CO	0.05	0.20
1-32	East Building Boiler	PM	0.02	0.05
		VOC	0.02	0.06
		SO ₂	<0.01	0.01
		NO _x	0.23	1.00
		CO	0.05	0.20
1-51	East Building Thermal Oxidizer	PM	0.03	0.12
		VOC	3.99	17.45
		SO ₂	<0.01	0.02
		NO _x	0.75	3.26
		CO	0.19	0.82

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
1-51A	East Building Thermal Oxidizer Bypass	VOC	44.10	7.41
1-03, 1-05, 1-11, 1-14, 1-15, and 1-17	East Building General Exhaust Stacks	VOC	3.35	14.67
		Non-VOC	0.21	0.92
1-09, 1-12, 1-13, 1-16, and 1-18	East Building Scrubbed Exhaust	Acid	0.46	2.00
		PM	0.02	0.07
		Inorganic Gas	0.02	0.08
		NO _x	0.02	0.08
		Non-VOC	1.74	7.61
2-01 and 2-02	North Addition General Exhaust	VOC	1.97	8.61
		Non-VOC	4.52	19.77
3-04	South Building Chemical Finish Exhaust	Acid	0.21	0.92
		PM	0.01	0.05
3-06	South Building High Volume Coating Cure Oven	PM	0.01	0.03
		VOC	0.01	0.04
		SO ₂	<0.01	<0.01
		NO _x	0.14	0.60
		CO	0.03	0.12
3-13	South Building Boiler	PM	0.01	0.03
		VOC	0.01	0.03
		SO ₂	<0.01	<0.01
		NO _x	0.13	0.56
		CO	0.03	0.12
3-15	South Building Heater	PM	0.01	0.04
		VOC	0.01	0.04
		SO ₂	<0.01	<0.01

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
		NO _x	0.16	0.69
		CO	0.04	0.14
3-16	South Building Heater	PM	0.01	0.03
		VOC	0.01	0.03
		SO ₂	<0.01	<0.01
		NO _x	0.12	0.52
		CO	0.03	0.11
3-17	South Building Heater	PM	0.01	0.03
		VOC	0.01	0.03
		SO ₂	<0.01	<0.01
		NO _x	0.13	0.54
		CO	0.03	0.11
3-18	South Building Heater	PM	0.02	0.05
		VOC	0.02	0.05
		SO ₂	<0.01	0.01
		NO _x	0.22	0.95
		CO	0.05	0.19
3-19A, 3-19B, 3-19C, and 3-19D	South Building Coating Cure Ovens	PM	0.02	0.07
		VOC	0.02	0.07
		SO ₂	<0.01	0.01
		NO _x	0.30	1.28
		CO	0.06	0.26
3-28	South Building High Temperature Oven	PM	<0.01	0.01
		VOC	<0.01	0.01
		SO ₂	<0.01	<0.01
		NO _x	0.03	0.14
		CO	0.01	0.03
6-01	Technical Building Boron Tribromide Exhaust	Acid	0.03	0.12
		Inorganic Gas	0.06	0.27
		VOC	0.05	0.19

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
		Non-VOC	0.02	0.08
6-02A and 6-02B	Technical Building TI-KOte Exhausts	PM	0.23	1.00
		Acid	0.15	0.65
		Inorganic Gas	0.05	0.19

(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

PM₁₀ - particulate matter less than 10 microns in diameter

VOC - volatile organic compounds as defined in General Rule 101.1

Non-VOC - non-volatile organic compounds

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

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 or 8,760 Hrs/year

Dated _____