

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 91517

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 (4)
<u>Building 13:</u>				
13-1	Paint Booth No. 1	VOC	0.94	
		Exempt Solvent	0.26	
		PM	<0.01	
		NH ₄ OH	0.05	
		Pb	0.13	
13-2	Paint Booth No. 2	VOC	0.94	
		Exempt Solvent	0.26	
		PM	<0.01	
		NH ₄ OH	0.05	
		Pb	0.13	
13-4	Paint Booth No. 4	VOC	0.69	
		Exempt Solvent	0.20	
		PM	<0.01	
		NH ₄ OH	0.05	
		Pb	0.10	
13-5	Paint Booth No. 5	VOC	0.69	
		Exempt Solvent	0.20	
		PM	<0.01	
		NH ₄ OH	0.05	
		Pb	0.10	
13-1, 13-2, 13-4, and 13-5	Paint Booth Nos. 1, 2, 4, and 5	VOC		1.91
		Exempt Solvent		0.56
		PM		<0.01
		NH ₄ OH		<0.01
		Pb		<0.01

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

13-3	Paint Booth No. 3	VOC	0.10	
		Exempt Solvent	0.08	
		PM	<0.01	
		Pb	0.01	
13-6	Paint Booth No. 6	VOC	0.10	
		Exempt Solvent	0.08	
		PM	<0.01	
		Pb	0.01	
13-3 and 13-6	Paint Booth Nos. 3 and 6	VOC		0.07
		Exempt Solvent		0.12
		PM		<0.01
		Pb		<0.01
13-11	Mix Room No. 1	VOC	0.10	
		Exempt Solvent	0.10	
13-12	Mix Room No. 2	VOC	0.10	
		Exempt Solvent	0.10	
13-11 and 13-12	Mix Room Nos. 1 and 2	VOC		<0.01
		Exempt Solvent		0.01
13-51	Paint Booth No. 1 Natural Gas-Fired Air Makeup Unit (2.359 MMBtu/hr)	VOC	0.01	0.06
		PM	0.02	0.08
		NO _x	0.23	1.01
		SO ₂	<0.01	<0.01
		CO	0.19	0.85
13-52	Paint Booth No. 2 Natural Gas-Fired Air Makeup Unit (2.359 MMBtu/hr)	VOC	0.01	0.06
		PM	0.02	0.08
		NO _x	0.23	1.01
		SO ₂	<0.01	<0.01
		CO	0.19	0.85

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

13-53	Paint Booth No. 3 Natural Gas-Fired Air Makeup Unit (0.395 MMBtu/hr)	VOC	<0.01	0.01
		PM	<0.01	0.01
		NO _x	0.04	0.17
		SO ₂	<0.01	<0.01
		CO	0.03	0.14
13-54	Paint Booth No. 4 Natural Gas-Fired Air Makeup Unit (2.359 MMBtu/hr)	VOC	0.01	0.06
		PM	0.02	0.08
		NO _x	0.23	1.01
		SO ₂	<0.01	<0.01
		CO	0.19	0.85
13-55	Paint Booth No. 5 Natural Gas-Fired Air Makeup Unit (2.359 MMBtu/hr)	VOC	0.01	0.06
		PM	0.02	0.08
		NO _x	0.23	1.01
		SO ₂	<0.01	<0.01
		CO	0.19	0.85
13-56	Paint Booth No. 6 Natural Gas-Fired Air Makeup Unit (0.395 MMBtu/hr)	VOC	<0.01	0.01
		PM	<0.01	0.01
		NO _x	0.04	0.17
		SO ₂	<0.01	<0.01
		CO	0.03	0.14
13-21 and 13-22	Paint Booth No. 1 Natural Gas-Fired Humidifiers (1.2 MMBtu/hr)	VOC	0.01	0.06
		PM	0.02	0.08
		NO _x	0.24	1.03
		SO ₂	<0.01	<0.01
		CO	0.20	0.87
13-23 and 13-24	Paint Booth No. 2 Natural Gas-Fired Humidifiers (1.2 MMBtu/hr)	VOC	0.01	0.06
		PM	0.02	0.08
		NO _x	0.24	1.03
		SO ₂	<0.01	<0.01
		CO	0.20	0.87

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

13-26	Paint Booth No. 3 Natural Gas-Fired Humidifier (0.4 MMBtu/hr)	VOC	<0.01	0.01
		PM	<0.01	0.01
		NO _x	0.04	0.17
		SO ₂	<0.01	<0.01
		CO	0.03	0.14
13-27 and 13-28	Paint Booth No. 4 Natural Gas-Fired Humidifiers (1.2 MMBtu/hr)	VOC	0.01	0.06
		PM	0.02	0.08
		NO _x	0.24	1.03
		SO ₂	<0.01	<0.01
		CO	0.20	0.87
13-29 and 13-30	Paint Booth No. 5 Natural Gas-Fired Humidifiers (1.2 MMBtu/hr)	VOC	0.01	0.06
		PM	0.02	0.08
		NO _x	0.24	1.03
		SO ₂	<0.01	<0.01
		CO	0.20	0.87
13-31	Paint Booth No. 6 Natural Gas-Fired Humidifier (0.4 MMBtu/hr)	VOC	<0.01	0.01
		PM	<0.01	0.01
		NO _x	0.04	0.17
		SO ₂	<0.01	<0.01
		CO	0.03	0.14
13-25	Mix Room No. 1 Natural Gas-Fired Humidifier (0.4 MMBtu/hr)	VOC	<0.01	0.01
		PM	<0.01	0.01
		NO _x	0.04	0.17
		SO ₂	<0.01	<0.01
		CO	0.03	0.14
13-32	Mix Room No. 2 Natural Gas-Fired Humidifier (0.4 MMBtu/hr)	VOC	<0.01	0.01
		PM	<0.01	0.01
		NO _x	0.04	0.17
		SO ₂	<0.01	<0.01
		CO	0.03	0.14

Building 1:

1F	Building No. 1 Fugitives	VOC	39.53	5.58
		Exempt Solvent	16.25	1.85

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Building 5:

5F	Building No. 5 Fugitives	VOC	59.30	12.41
		Exempt Solvent	53.71	7.24

Building 11:

11F	Building No. 11 Fugitives	VOC	0.19	<0.01
		Exempt Solvent	0.11	<0.01

Site-Wide:

All Emission Points at the Site	All Sources at the Site	Individual HAP	<10.00
		All HAPs	<25.00

- (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) Exempt Solvent - Those carbon compounds or mixtures of carbon compounds used as solvents which have been excluded from the definition of volatile organic compound.

VOC	- volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
NO _x	- total oxides of nitrogen
SO ₂	- sulfur dioxide
PM	- particulate matter, suspended in the atmosphere, including PM ₁₀ and PM _{2.5}
PM ₁₀	- 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
NH ₄ OH	- ammonium hydroxide
HAP	- hazardous air pollutant as listed in § 112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations Part 63, Subpart C
Pb	- lead
- (4) Compliance with annual emission limits is based on a rolling 12-month period.

Dated March 15, 2010