

Emission Sources - Maximum Allowable Emission Rates

Permit Number 77242

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, sources, and related activities. 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 (5)	
			lbs/hour	TPY (4)
SCGRP01	Hangar 41 Paint Booth	VOC	15.62	0.50
		PM	0.02	<0.01
		PM ₁₀	0.02	<0.01
		PM _{2.5}	0.02	<0.01
		Exempt Solvent	21.20	0.41
SCGRPFUG01	Hangar 41 Fugitive Painting Emissions	VOC	3.91	0.34
		Exempt Solvent	5.30	0.27
SCGRP02	Hangar 51 Paint Booth 1	VOC	21.31	3.79
		Exempt Solvent	18.41	2.94
		PM	0.01	<0.01
		PM ₁₀	0.01	<0.01
		PM _{2.5}	0.01	<0.01
SCGRPFUG02	Hangar 51 Fugitive 1 Painting Emissions	VOC	4.72	2.97
		Exempt Solvent	4.08	2.31
SCGRP03	Hangar 51 Paint Booth 2	VOC	23.83	2.00
		Exempt Solvent	17.45	2.06
		PM	0.01	<0.01
		PM ₁₀	0.01	<0.01
		PM _{2.5}	0.01	<0.01
SCGRPFUG03	Hangar 51 Fugitive 2 Painting Emissions	VOC	5.28	2.05
		Exempt Solvent	3.87	2.11

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SCGRPFG04	Hangar 55 Open Painting	VOC	6.68	4.75
		Exempt Solvent	6.26	3.03
		PM	0.15	0.25
		PM ₁₀	0.15	0.25
		PM _{2.5}	0.15	0.25
HGR42	Open Painting - Hangar 42	VOC	7.50	3.50
		Exempt Solvent	9.23	2.57
HGR50	Open Painting - Hangar 50	VOC	7.50	2.45
		Exempt Solvent	9.23	1.80
HGR56	Open Painting - Hangar 56	VOC	7.50	2.45
		Exempt Solvent	9.23	1.80
HGR57	Open Painting - Hangar 57	VOC	7.50	2.45
		Exempt Solvent	9.23	1.80
HGR58	Open Painting - Hangar 58	VOC	7.50	2.45
		Exempt Solvent	9.23	1.80
BLDG10	Open Painting - Building 10	VOC	3.03	0.09
		Exempt Solvent	2.94	0.06
BLDG15	Open Painting - Building 15	VOC	6.05	0.85
		Exempt Solvent	5.89	0.61
BLDG18	Open Painting - Building 18	VOC	1.21	0.04
		Exempt Solvent	1.18	0.03
BLDG20	Open Painting - Building 20	VOC	1.21	0.04
		Exempt Solvent	1.18	0.03
BLDG252	Open Painting - Building 252	VOC	3.03	0.34
		Exempt Solvent	2.95	0.25

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BLDG255	Open Painting - Building 255	VOC	12.10	1.36
		Exempt Solvent	11.78	0.98
BLDG1722	Open Painting - Building 1722	VOC	1.21	0.09
		Exempt Solvent	1.18	0.06
BLDG1737	Open Painting - Building 1737	VOC	1.21	0.09
		Exempt Solvent	1.18	0.06
BLDG1738	Open Painting - Building 1738	VOC	1.21	0.09
		Exempt Solvent	1.18	0.06
BLDG1742	Open Painting - Building 1742	VOC	1.21	0.09
		Exempt Solvent	1.18	0.06
BLDG1863	Open Painting - Building 1863	VOC	1.21	0.09
		Exempt Solvent	1.18	0.06
All Emission Points at the Site	All Sources at the Site	Individual HAP		<10.00
		Total HAPs		<25.00

- (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) 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
PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}
PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}
PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
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
(4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
(5) The allowable emission rates include planned maintenance, startup, and shutdown activities.

Date: June 12, 2017