

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	USCG Paint Booth – Hangar 41	VOC	15.62	0.50
		PM	0.02	<0.01
		Exempt Solvents	21.20	0.41
SCGRP01FUG01	USCG Open Painting – Hangar 41	VOC	3.91	0.34
		Exempt Solvents	5.30	0.27
SCGRP02	AIMD Paint Booth – Hangar 51	VOC	25.92	3.79
		Exempt Solvents	22.39	2.94
		PM	0.02	<0.01
		PM ₁₀	0.02	<0.01
		PM _{2.5}	0.02	<0.01
SCGRP02FUG02	AIMD Open Painting – Hangar 51	VOC	6.48	2.97
		Exempt Solvents	5.60	2.31
SCGRP03	AIMD-Truax Paint Booth – Hangar 51	VOC	28.98	2.00
		Exempt Solvents	21.22	2.06
		PM	0.02	<0.01
		PM ₁₀	0.02	<0.01
		PM _{2.5}	0.02	<0.01
SCGRP03FUG03	AIMD-Truax Open Painting – Hangar 51	VOC	7.25	2.05
		Exempt Solvents	5.31	2.11

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SCGRPFUG04	L3 Vertex Open Painting – Hanger 55	VOC	6.68	4.75
		Exempt Solvents	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 in Hangar 42	VOC	7.50	3.50
		Exempt Solvents	9.23	2.57
HGR50	Open Painting in Hangar 50	VOC	7.50	2.45
		Exempt Solvents	9.23	1.80
HGR56	Open Painting in Hangar 56	VOC	7.50	2.45
		Exempt Solvents	9.23	1.80
HGR57	Open Painting in Hangar 57	VOC	7.50	2.45
		Exempt Solvents	9.23	1.80
HGR58	Open Painting in Hangar 58	VOC	7.50	2.45
		Exempt Solvents	9.23	1.80
BLDG10	Open Painting in Building 10	VOC	3.03	0.09
		Exempt Solvents	2.94	0.06
BLDG15	Open Painting in Building 15	VOC	6.05	0.85
		Exempt Solvents	5.89	0.61
BLDG18	Open Painting in Building 18	VOC	1.21	0.04
		Exempt Solvents	1.18	0.03
BLDG20	Open Painting in Building 20	VOC	1.21	0.04
		Exempt Solvents	1.18	0.03

BLDG252	Open Painting in Building 252	VOC	3.03	0.34
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		Exempt Solvents	2.95	0.25
BLDG255	Open Painting in Building 255	VOC	12.10	1.36
		Exempt Solvents	11.78	0.98
BLDG1722	Open Painting in Building 1722	VOC	1.21	0.09
		Exempt Solvents	1.18	0.06
BLDG1737	Open Painting in Building 1737	VOC	1.21	0.09
		Exempt Solvents	1.18	0.06
BLDG1738	Open Painting in Building 1738	VOC	1.21	0.09
		Exempt Solvents	1.18	0.06
BLDG1742	Open Painting in Building 1742	VOC	1.21	0.09
		Exempt Solvents	1.18	0.06
BLDG1863	Open Painting in Building 1863	VOC	1.21	0.09
		Exempt Solvents	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: September 23, 2014