

## Emission Sources - Maximum Allowable Emission Rates

Permit Number 53616

This table lists the maximum allowable emission rates and all sources of air contaminants 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 (FIN)	Air Contaminant Name (2)	Emission Rates	
			lbs/hour	TPY (3)
SCGRP01	Four Paint Spray Booths (PSBs) in Building 8 General Paint Shop (SCGRP01)	VOC	24.69	6.55
		Exempt Solvent	12.94	6.05
		PM	0.0245	0.0167
		PM <sub>10</sub>	0.0098	0.0067
		PM <sub>2.5</sub>	0.0015	0.0010
SCGRPFUG1	Paint Flashoff in Building 8 General Paint Shop (SCGRP01)	VOC (4)	1.30	2.30
		Exempt Solvent (4)	0.68	2.13
SCGRP02	One PSB in Building 8 Composite Shop (SCGRP02)	VOC	6.61	1.82
		Exempt Solvent	5.40	1.97
		PM	0.0061	0.0054
		PM <sub>10</sub>	0.0025	0.0022
		PM <sub>2.5</sub>	0.0004	0.0003
SCGRPFUG2	Paint Flashoff in Building 8 Composite Shop (SCGRP02)	VOC (4)	0.35	0.64
		Exempt Solvent (4)	0.28	0.04
SCGRP03	Two PSBs in Building 8 Engine Paint Shop (SCGRP03)	VOC	13.19	7.17
		Exempt Solvent	12.08	7.22
		PM	0.0117	0.0190
		PM <sub>10</sub>	0.0047	0.0076
		PM <sub>2.5</sub>	0.0007	0.0011

Emission Point No.	Source Name (FIN)	Air Contaminant Name (2)	Emission Rates
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Project Numbers: 162876 and 162878

**Emission Sources - Maximum Allowable Emission Rates**

			lbs/hour	TPY (3)
SCGRPFUG3	Paint Flashoff in Building 8 Engine Paint Shop (SCGRP03)	VOC (4)	0.69	2.52
		Exempt Solvent (4)	0.64	2.54
SCGRP04	One PSB in Building 1880 Rotating Electric Shop (SCGRP04)	VOC	6.59	3.13
		Exempt Solvent	5.48	3.14
		PM	0.0058	0.0082
		PM <sub>10</sub>	0.0023	0.0033
		PM <sub>2.5</sub>	0.0004	0.0005
SCGRPFUG4	Paint Flashoff in Building 1880 Rotating Electric Shop (SCGRP04)	VOC (4)	0.35	1.10
		Exempt Solvent (4)	0.29	1.10
HGR 43	Open Painting in Hanger 43 (SCGRP05)	VOC (4)	4.36	2.37
		Exempt Solvent (4)	3.71	2.63
		PM	0.3064	0.5362
		PM <sub>10</sub> (4)	0.1226	0.2145
		PM <sub>2.5</sub> (4)	0.0184	0.0322
HGR 44	Open Painting in Hanger 44 (SCGRP05)	VOC (4)	4.36	2.37
		Exempt Solvent (4)	3.71	2.63
		PM	0.3064	0.5362
		PM <sub>10</sub> (4)	0.1226	0.2145
		PM <sub>2.5</sub> (4)	0.0184	0.0322

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**Emission Sources - Maximum Allowable Emission Rates**

			<b>lbs/hour</b>	<b>TPY (3)</b>
HGR 45	Open Painting in Hanger 45 (SCGRP05)	VOC (4)	4.36	2.37
		Exempt Solvent (4)	3.71	2.63
		PM	0.3064	0.5362
		PM <sub>10</sub> (4)	0.1226	0.2145
		PM <sub>2.5</sub> (4)	0.0184	0.0322
HGR 46	Open Painting in Hanger 46 (SCGRP05)	VOC (4)	4.36	2.37
		Exempt Solvent (4)	3.71	2.63
		PM	0.3064	0.5362
		PM <sub>10</sub> (4)	0.1226	0.2145
		PM <sub>2.5</sub> (4)	0.0184	0.0322
HGR 47	Open Painting in Hanger 47 (SCGRP05)	VOC (4)	4.36	2.37
		Exempt Solvent (4)	3.71	2.63
		PM	0.3064	0.5362
		PM <sub>10</sub> (4)	0.1226	0.2145
		PM <sub>2.5</sub> (4)	0.0184	0.0322
BLDG 8	Open Painting in Building 8 (SCGRP06)	VOC (4)	4.47	4.14
		Exempt Solvent (4)	3.81	4.50
		PM	0.3064	0.9193
		PM <sub>10</sub> (4)	0.1226	0.3677
		PM <sub>2.5</sub> (4)	0.0184	0.0552

<b>Emission Point No.</b>	<b>Source Name (FIN)</b>	<b>Air Contaminant Name (2)</b>	<b>Emission Rates</b>
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**Emission Sources - Maximum Allowable Emission Rates**

			<b>lbs/hour</b>	<b>TPY (3)</b>
BLDG 49	Open Painting in Building 49 (SCGRP06)	VOC (4)	4.47	4.14
		Exempt Solvent (4)	3.81	4.50
		PM	0.3064	0.9193
		PM <sub>10</sub> (4)	0.1226	0.3677
		PM <sub>2.5</sub> (4)	0.0184	0.0552
BLDG 98	Open Painting in Building 98 (SCGRP06)	VOC (4)	4.47	4.14
		Exempt Solvent (4)	3.81	4.50
		PM	0.3064	0.9193
		PM <sub>10</sub> (4)	0.1226	0.3677
		PM <sub>2.5</sub> (4)	0.0184	0.0552
BLDG 339	Open Painting in Building 339 (SCGRP06)	VOC (4)	4.47	4.14
		Exempt Solvent (4)	3.81	4.50
		PM	0.3064	0.9193
		PM <sub>10</sub> (4)	0.1226	0.3677
		PM <sub>2.5</sub> (4)	0.0184	0.0552
BLDG 1828	Open Painting in Building 1828 (SCGRP06)	VOC (4)	4.47	4.14
		Exempt Solvent (4)	3.81	4.50
		PM	0.3064	0.9193
		PM <sub>10</sub> (4)	0.1226	0.3677
		PM <sub>2.5</sub> (4)	0.0184	0.0552

<b>Emission Point No.</b>	<b>Source Name (FIN)</b>	<b>Air Contaminant Name (2)</b>	<b>Emission Rates</b>
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**Emission Sources - Maximum Allowable Emission Rates**

			<b>lbs/hour</b>	<b>TPY (3)</b>
SCGRP07	One PSB in Building 1152 Joiner Shop (SCGRP07)	VOC	6.17	3.31
		Exempt Solvent	5.31	3.33
		PM	0.0058	0.0088
		PM <sub>10</sub>	0.0023	0.0035
		PM <sub>2.5</sub>	0.0004	0.0005
SCGRPFUG7	Paint Flashoff in Building 1152 Joiner Shop (SCGRP07)	VOC (4)	0.33	1.16
		Exempt Solvent (4)	0.28	1.17
SCGRP08	Four PSBs in Building 1808 Air Frames Paint Shop (SCGRP08)	VOC	22.23	14.59
		Exempt Solvent	19.57	14.07
		PM	0.0701	0.1110
		PM <sub>10</sub>	0.0280	0.0444
		PM <sub>2.5</sub>	0.0042	0.0067
SCGRPFUG8	Paint Flashoff in Building 1808 Air Frames Paint Shop (SCGRP08)	VOC (4)	0.39	5.12
		Exempt Solvent (4)	0.34	4.94
SCGRP10	One PSB in Building 340 Advanced Metal Finishing Facility (SCGRP10)	VOC	6.59	3.31
		Exempt Solvent	6.04	3.33
		PM	0.0061	0.0092
		PM <sub>10</sub>	0.0025	0.0037
		PM <sub>2.5</sub>	0.0004	0.0006
SCGRPFUG10	Paint Flashoff in Building 340 Advanced Metal Finishing Facility (SCGRP10)	VOC (4)	0.35	1.16
		Exempt Solvent (4)	0.32	1.17

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**Emission Sources - Maximum Allowable Emission Rates**

			<b>lbs/hour</b>	<b>TPY (3)</b>
SCGRP14	One PSB in Building 8 Mechanical Shop (SCGRP14)	VOC	6.17	1.50
		Exempt Solvent	3.23	1.39
		PM	0.0061	0.0038
		PM <sub>10</sub>	0.0025	0.0015
		PM <sub>2.5</sub>	0.0004	0.0002
SCGRPFUG14	Paint Flashoff in Building 8 Mechanical Shop (SCGRP14)	VOC (4)	0.33	0.53
		Exempt Solvent (4)	0.17	0.49
SCGRP15	Two PSBs in DCRF Building (SCGRP15)	VOC	13.19	7.17
		Exempt Solvent	12.08	7.22
		PM	0.0117	0.0190
		PM <sub>10</sub>	0.0047	0.0076
		PM <sub>2.5</sub>	0.0007	0.0011
SCGRPFUG15	Paint Flashoff in DCRF Building (SCGRP14)	VOC (4)	0.69	2.52
		Exempt Solvent (4)	0.64	2.54
SCGRP16	Two PSBs in Building 49 Rotor Blade Shop (SCGRP16)	VOC	6.17	4.81
		Exempt Solvent	3.23	4.44
		PM	0.0061	0.0123
		PM <sub>10</sub>	0.0025	0.0049
		PM <sub>2.5</sub>	0.0004	0.0007
SCGRPFUG16	Paint Flashoff in Building 49 Rotor Blade Shop (SCGRP14)	VOC (4)	0.33	1.69
		Exempt Solvent (4)	0.17	1.56

(1) Emission point identification number from plot plan.

(FIN) Facility Identification Number

(2) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

Exempt Solvent - carbon compounds which have been excluded from the definition of VOC.

PM - total particulate matter, including PM<sub>10</sub> and PM<sub>2.5</sub>

**Emission Sources - Maximum Allowable Emission Rates**

PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>

PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter

(3) Rate is for on a rolling 12 consecutive months.

(4) Fugitive emissions

Date: March 5, 2013