

Emission Sources - Maximum Allowable Emission Rates

Permit Number 53616

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 (6)	
			lbs/hour	TPY (4)
SCGRP01 (7)	Paint Spray Booths (PSBs) in Building 8 General Paint Shop (SCGRP01)	VOC	6.61	1.82
		Exempt Solvent	5.40	1.97
		PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
SCGRPFUG1 (7)	Paint Flashoff in Building 8 General Paint Shop (SCGRP01)	VOC (5)	0.35	0.64
		Exempt Solvent (5)	0.28	0.04
SCGRP02 (7)	One PSB in Building 8 Composite Shop (SCGRP02)	VOC	5.71	3.57
		Exempt Solvent	3.48	1.18
		PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
SCGRPFUG2 (7)	Paint Flashoff in Building 8 Composite Shop (SCGRP02)	VOC (5)	4.47	3.19
		Exempt Solvent (5)	0.28	0.04
SCGRP03 (8)	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 ₁₀	0.0047	0.0076
		PM _{2.5}	0.0007	0.0011
SCGRPFUG3 (8)	Paint Flashoff in Building 8 Engine Paint Shop (SCGRP03)	VOC (4)	0.69	2.52
		Exempt Solvent (4)	0.64	2.54

Emission Sources - Maximum Allowable Emission Rates

SCGRP04	One PSB in Building 1880 Rotating Electric Shop (SCGRP04)	VOC	6.59	3.13
		Exempt Solvent	5.48	3.14
		PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
SCGRPFUG4	Paint Flashoff in Building 1880 Rotating Electric Shop (SCGRP04)	VOC (5)	0.35	1.10
		Exempt Solvent (5)	0.29	1.10
HGR 43	Open Painting in Hanger 43 (SCGRP05)	VOC (5)	4.36	2.37
		Exempt Solvent (5)	3.71	2.63
		PM	0.31	0.54
		PM ₁₀	0.12	0.21
		PM _{2.5}	0.02	0.03
HGR 44	Open Painting in Hanger 44 (SCGRP05)	VOC (5)	4.36	2.37
		Exempt Solvent (5)	3.71	2.63
		PM	0.31	0.54
		PM ₁₀	0.13	0.21
		PM _{2.5}	0.02	0.03
HGR 45	Open Painting in Hanger 45 (SCGRP05)	VOC (5)	4.36	2.37
		Exempt Solvent (5)	3.71	2.63
		PM	0.31	0.54
		PM ₁₀ (5)	0.12	0.21
		PM _{2.5} (5)	0.02	0.03
HGR 46	Open Painting in Hanger 46 (SCGRP05)	VOC (5)	4.36	2.37
		Exempt Solvent (5)	3.71	2.63
		PM	0.31	0.54
		PM ₁₀ (5)	0.12	0.21

Emission Sources - Maximum Allowable Emission Rates

		PM _{2.5} (5)	0.02	0.03
HGR 47	Open Painting in Hanger 47 (SCGRP05)	VOC (5)	4.36	2.37
		Exempt Solvent (5)	3.71	2.63
		PM	0.31	0.54
		PM ₁₀ (5)	0.12	0.21
		PM _{2.5} (5)	0.02	0.03
BLDG 8	Open Painting in Building 8 (SCGRP06)	VOC (5)	4.47	4.14
		Exempt Solvent (5)	3.81	4.50
		PM	0.31	0.54
		PM ₁₀ (5)	0.12	0.21
		PM _{2.5} (5)	0.02	0.03
BLDG 49	Open Painting in Building 49 (SCGRP06)	VOC (5)	4.47	4.14
		Exempt Solvent (5)	3.81	4.50
		PM	0.31	0.92
		PM ₁₀ (5)	0.12	0.37
		PM _{2.5} (5)	0.02	0.06
BLDG 98	Open Painting in Building 98 (SCGRP06)	VOC (5)	4.47	4.14
		Exempt Solvent (5)	3.81	4.50
		PM	0.31	0.92
		PM ₁₀ (5)	0.12	0.37
		PM _{2.5} (5)	0.02	0.06
BLDG 339	Open Painting in Building 339 (SCGRP06)	VOC (5)	4.47	4.14
		Exempt Solvent (5)	3.81	4.50
		PM	0.31	0.92
		PM ₁₀ (5)	0.12	0.37
		PM _{2.5} (5)	0.02	0.06

Emission Sources - Maximum Allowable Emission Rates

BLDG 1828	Open Painting in Building 1828 (SCGRP06)	VOC (5)	4.47	4.14
		Exempt Solvent (5)	3.81	4.50
		PM	0.31	0.92
		PM ₁₀ (5)	0.12	0.37
		PM _{2.5} (5)	0.02	0.06
SCGRP07	One PSB in Building 1152 Joiner Shop (SCGRP07)	VOC	6.17	3.31
		Exempt Solvent	5.31	3.33
		PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
SCGRPFUG7	Paint Flashoff in Building 1152 Joiner Shop (SCGRP07)	VOC (5)	0.33	1.16
		Exempt Solvent (5)	0.28	1.17
SCGRP10	One PSB in Building 340 Advanced Metal Finishing Facility (SCGRP10)	VOC	6.59	3.31
		Exempt Solvent	6.04	3.33
		PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
SCGRPFUG10	Paint Flashoff in Building 340 Advanced Metal Finishing Facility (SCGRP10)	VOC (5)	0.35	1.16
		Exempt Solvent (5)	0.32	1.17
SCGRP15 (8)	Four PSBs in DCRF Building (SCGRP15)	VOC	18.6	7.22
		Exempt Solvent	18.19	2.17
		PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
SCGRPFUG15 (8)	Paint Flashoff in DCRF Building	VOC (5)	8.44	3.28

Emission Sources - Maximum Allowable Emission Rates

		Exempt Solvent (5)	8.25	0.98
SCGRP17	Six PSBs and Wash Booth in ACCF (SCGRP17)	VOC	22.23	17.53
		Exempt Solvent	19.57	16.91
		PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
SCGRPFUG17	Paint Flashoff in ACCF (SCGRP17)	VOC (5)	0.39	2.18
		Exempt Solvent (5)	0.34	2.10

- (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}, as represented
 - PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
 - 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) Fugitive emissions.
- (6) The allowable emission rates include planned maintenance, startup, and shutdown activities.
- (7) Temporary use of SCGRP01 while the composite shop (SCGRP02) undergoes renovations. There shall be no emissions from SCGRP02 during the period that SCGRP01 is in use.
- (8) Temporary use of SCGRP03 until the new booths in the Dynamic Components Rebuild Facility (SCGRP15) become operational. There shall be no simultaneous emissions from SCGRP03 and the new booths at SCGRP15.

Date: DRAFT