

Emission Sources - Maximum Allowable Emission Rates

Permit Number 161083

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)
BDYBLDG	Body Shop Plasma Cutting	PM	0.07	0.04
		PM ₁₀	0.02	0.01
		PM _{2.5}	0.01	<0.01
		NO _x	0.73	3.19
BDYBLDG	Body Shop Cab Assembly Sealer Application	VOC	0.04	0.05
GABLDG	Miscellaneous Coatings, Sealers and Adhesives	VOC	1.03	1.38
		PM	0.02	0.03
		PM ₁₀	0.01	0.01
		PM _{2.5}	<0.01	<0.01
GABLDG	Windshield Installation	VOC	5.50	1.90
		Exempt Solvents	0.10	0.14
GACHSS	General Assembly Chassis Coating Booths	VOC	29.63	32.92
		Exempt Solvents	45.71	41.28
		PM	0.02	0.02
		PM ₁₀	0.06	0.07
		PM _{2.5}	0.06	0.07
GACHSSO	General Assembly Chassis Coating Oven	VOC	10.41	11.56
		Exempt Solvents	16.06	13.65
		NO _x (7)	0.24	1.03
		CO (7)	0.20	0.87
		VOC (7)	0.03	0.11
		PM (7)	0.02	0.08
		PM ₁₀ (7)	0.02	0.08
		PM _{2.5} (7)	0.02	0.08

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		SO ₂ (7)	<0.01	0.01
GADYNO	General Assembly Roll Test	NO _x	0.26	0.35
		CO	0.16	0.21
		PM	<0.01	0.01
		PM ₁₀	<0.01	0.01
		PM _{2.5}	<0.01	0.01
		SO ₂	0.01	0.01
		VOC	<0.01	<0.01
GAFILL	Fluid Fill Operations	VOC	0.8	1.07
GASPOVN	Final Repair Spray Booth/Oven	VOC	1.02	2.00
		Exempt Solvents	2.21	1.66
		PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
		NO _x (7)	0.69	3.01
		CO (7)	0.58	2.52
		VOC (7)	0.08	0.33
		PM (7)	0.05	0.23
		PM ₁₀ (7)	0.05	0.23
		PM _{2.5} (7)	0.05	0.23
		SO ₂ (7)	<0.01	0.02
GASTART	General Assembly End of Line	NO _x	0.53	0.71
		CO	0.31	0.42
		PM	0.01	0.01
		PM ₁₀	0.01	0.01
		PM _{2.5}	0.01	0.01
		SO ₂	0.02	0.02
		VOC	<0.01	<0.01
PTED	E-Coat Dip Tank (Tanks 9-12)	VOC	2.52	3.38

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PTMIX	Mix Room Cold Cleaner 1	VOC	0.03	0.15
		Exempt Solvents	0.02	0.07
PTMIX	Paint Mix Room	VOC	1.40	2.10
		Exempt Solvents	1.16	1.76
PTRTO	RTO Controlling E-Coat Oven, Sealer Application, Sealer Line Oven, Topcoat System, Topcoat Oven	VOC	1.94	4.18
		Exempt Solvent	0.40	0.89
		PM	0.29	0.38
		PM ₁₀	0.29	0.38
		PM _{2.5}	0.10	0.13
		NO _x (7)	0.96	4.19
		CO (7)	1.85	8.09
		VOC (7)	0.14	0.61
		PM (7)	0.10	0.42
		PM ₁₀ (7)	0.10	0.42
		PM _{2.5} (7)	0.10	0.42
		SO ₂ (7)	<0.01	0.03
PTSCFF	Topcoat Prep	PM	0.13	0.18
		PM ₁₀	0.13	0.18
		PM _{2.5}	0.13	0.18
PTSND1	Topcoat Prep	PM	0.13	0.18
		PM ₁₀	0.13	0.18
		PM _{2.5}	0.13	0.18
PTSND2	Topcoat Prep	PM	0.13	0.18
		PM ₁₀	0.13	0.18
		PM _{2.5}	0.13	0.18
SNDCAP	Topcoat Prep Cap	PM	0.13	0.18
		PM ₁₀	0.13	0.18
		PM _{2.5}	0.13	0.18
PTSND2	Paint Shop Cold Cleaner 2	VOC	0.03	0.15

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		Exempt Solvents	0.02	0.07
PTSND2	Paint Shop Cold Cleaner 3	VOC	0.03	0.15
		Exempt Solvents	0.02	0.07
PTSND2	Paint Shop Cold Cleaner 4	VOC	0.03	0.15
		Exempt Solvents	0.02	0.07
PTSND2	Paint Shop Cold Cleaner 5	VOC	0.03	0.15
		Exempt Solvents	0.02	0.07
PTSND2	Sunvisor	VOC	1.64	0.32
PTSPOVN	Paint Repair Coating Booth/Oven	VOC	0.80	1.44
		Exempt Solvents	2.21	0.73
		PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
		NO _x (7)	0.69	3.01
		CO (7)	0.58	2.52
		VOC (7)	0.08	0.33
		PM (7)	0.05	0.23
		PM ₁₀ (7)	0.05	0.23
		PM _{2.5} (7)	0.05	0.23
		SO ₂	<0.01	0.02
STKFUG	Solvent Tank Fugitives	Exempt Solvents	0.05	0.24
		VOC	0.11	0.48
TANKAF	Antifreeze Tank	VOC	0.05	<0.01
TANKDIE	Diesel Tank	VOC	0.47	0.01
TANKSOL	Solvent Tank	Exempt Solvents	16.62	0.28
		VOC	33.24	0.55
TKFUG	Tank Farm Fugitives	VOC	0.08	0.33
TSCBLDG	Truck Specialty Center - Aerosols	VOC	0.75	1.80
		Exempt Solvents	0.75	1.80

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		PM	0.04	0.01
		PM ₁₀	0.01	<0.01
		PM _{2.5}	<0.01	<0.01
TSCBLDG	Truck Specialty Center – Fluid Fill	VOC	0.88	0.12
TSCBLDG	Truck Specialty Center – Miscellaneous Operations	PM	0.05	0.05
		PM ₁₀	0.01	0.01
		PM _{2.5}	<0.01	<0.01
		VOC	8.10	1.71
		Exempt Solvents	6.60	0.83
All EPNs at Site	All Sources at Site	Single HAP	---	<10
		Total HAP	---	<25

- (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
 - NO_x - total oxides of nitrogen
 - SO₂ - sulfur dioxide
 - 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
 - CO - carbon monoxide
 - 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) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (6) Hourly and annual emission rates include planned maintenance, startup and shutdown activities.
- (7) From products of combustion.

Date: November 2, 2020