

Emission Sources - Maximum Allowable Emission Rates

Permit Number 17473

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	
			lbs/hour	TPY (4)
1	Paint Booth 1 and 2, G5 Paint Booth, and Seal Paint Booth Stack	VOC	23.0	8.50
		PM	<0.03	<0.03
		PM ₁₀	<0.03	<0.03
		PM _{2.5}	<0.03	<0.03
2	Maskant Manufacturing-CAS Control	Perc	13.72	1.21
3	Anodizing Stack	PM	0.10	0.10
		PM ₁₀	0.10	0.10
		PM _{2.5}	0.10	0.10
		Cr	0.01	0.01
4-BAKEOFF	Seal Paint Curing (5)	VOC	0.20	0.20
8F-NEWCLEAN	New Line Cleaning Fugitives (5)	Cr	<0.01	<0.01
8F-NEWLIME	New Line Fugitives (5)	Cr	<0.01	<0.01
9F-G5LINE	G5 Line Cleaning Fugitives (5)	Cr	<0.01	<0.01
9F-G5LINE	G5 Line Fugitives (5)	Cr	<0.01	<0.01
10F-Acetone	Acetone Usage Fugitives	Acetone	13.20	21.78
11F-MASK	Maskant Manufacturing Piping (5)	Perc	0.15	0.17
12F-MASK	Maskant Manufacturing Fugitive (5)	Perc	3.74	2.53
		PM	0.25	0.43
		PM ₁₀	0.14	0.25
		PM _{2.5}	<0.01	<0.01
BLDGFUG	Anodize Building Fugitives	Cr	0.0006	0.0025

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	FIN (Chrome Seal Tank) (5)			
Sitewide	All Sources	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}, 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
Cr chrome
Perc Perchloroethylene
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.

Date: June 5, 2017