

Emission Sources - Maximum Allowable Emission Rates

Permit Number 76852

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)
370FL-Q503	Flare (6)	VOC	38.69	41.52
		NO _x	2.46	2.65
		CO	18.87	22.70
		BF ₃	0.10	0.33
		SO ₂	0.01	0.01
		HAP	1.34	0.04
377V-3525	Dust Collector	PM	0.43	1.88
		PM ₁₀	0.43	1.88
		PM _{2.5}	0.43	1.88
377V-3558	Dust Collector	PM	0.41	1.78
		PM ₁₀	0.41	1.78
		PM _{2.5}	0.41	1.78
370F	Wingtack Unit Fugitives (5), (7)	VOC	6.50	28.46
		HCl	<0.01	<0.01
		PM (8)	<0.01	<0.01
		PM ₁₀ (8)	<0.01	<0.01
		PM _{2.5} (8)	<0.01	<0.01
		HAP	0.02	0.07

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370WF	Wastewater Fugitives (5)	VOC	30.41	13.69
		HAP	0.59	0.27
370T-F2304	Wingtack 10 Storage Tank	VOC	0.12	0.10
377F	Wingtack Unit Finishing	VOC	0.53	2.06
		PM	0.42	1.83
		PM ₁₀	0.42	1.83
		PM _{2.5}	0.42	1.83
370F-ML1	Molten resin handling 1	VOC	0.73	
370F-ML2	Molten resin handling 2	VOC	0.73	
370F-ML3	Molten resin handling 3	VOC	0.73	
370T-F3517	Molten resin loading KO pot 7F-3517	VOC	0.44	
370T-F3527	Molten resin handling KO pot 7F-3527	VOC	0.44	
370T-F3537	Molten resin handling KO pot 7F-3537	VOC	0.44	
370T-F3547	Molten resin handling KO pot 7F-3547	VOC	0.44	
370T-F35071	Molten resin handling KO pot 7F-35071	VOC	0.44	
CAP Molten Resin Handling		VOC		3.59
Maintenance Start-up and Shutdown				
SUMPVAC	WW Sump Maintenance	VOC	10.26	0.25

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M-ENG1	Wastewater Engines	VOC	0.63	0.09
		NO _x	7.75	1.16
		CO	1.67	0.25
		PM	0.55	0.08
		PM ₁₀	0.55	0.08
		PM _{2.5}	0.55	0.08
		SO ₂	0.51	0.08
M-SPRAY	Spray Cans	VOC	5.06	0.11

- (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) 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} - total 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
- HCl - hydrogen chloride
- BF₃ - boron trifluoride
- (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) HAP emissions are also included in the allowable hourly and annual VOC limits.
- (7) Organic HAP emissions are also included in allowable hourly and annual VOC limits. Less than 0.01 lb and 0.01 tpy of allowable HAPs are non-organic nickel carbonate and not included in the total VOC limits.
- (8) PM, PM₁₀, and PM_{2.5} is all aluminum oxide.

Date: February 9, 2016