

Emission Sources - Maximum Allowable Emission Rates

Permit Number 38753

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 (7)	
			lbs/hour	TPY (4)
Operating Scenario 1: Annual Emission Rates less than 18 TPY				
25L	Paint Kitchen	VOC	1.30	1.30 (5)
		Acetone	0.60	0.60
25P	10 Manned Paint Booths and 8 Robotic Paint Booths, exhausted directly to the atmosphere	VOC	69.00	18.00(5)
		PM	0.34	0.08
		Acetone	45.54	11.88
25J	Natural Gas-Fired Oven	NO _x	0.05	0.22
		SO ₂	0.01	0.01
		CO	0.04	0.20
		PM	0.01	0.03
		VOC (5)	0.01	0.03
25 K	Natural Gas-Fired Oven	NO _x	0.05	0.22
		SO ₂	0.01	0.01
		CO	0.04	0.20
		PM	0.01	0.03
		VOC (5)	0.01	0.03
All Emission Points at the Site	All Sources at the site	Individual HAP		< 10.00
		Total HAPs		< 25.00
Operating Scenario 2: Annual Emission Rates greater than 18 TPY				
25L	Paint Kitchen	VOC	1.30	1.30 (5)
		Acetone	0.60	0.60

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25M and 25N	10 Manned Paint Booths, 8 Robotic Paint Booths, and a Rotor Concentrator/Thermal Oxidizer Unit	VOC	3.60	13.60 (5)
		PM	0.03	0.08
		Acetone	1.60	6.30
		NO _x	0.20	0.80
		SO ₂	0.01	0.01
		CO	0.10	0.30
		VOC (6)	0.02	0.03
25J	Natural Gas-Fired Oven	NO _x	0.05	0.22
		SO ₂	0.01	0.01
		CO	0.04	0.20
		PM	0.01	0.03
		VOC (6)	0.01	0.03
25 K	Natural Gas-Fired Oven	NO _x	0.05	0.22
		SO ₂	0.01	0.01
		CO	0.04	0.20
		PM	0.01	0.03
		VOC (6)	0.01	0.03
All Emission Points at the Site	All Sources at the Site	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) 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
- 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) Includes methanol.
- (6) Combustion emissions.

- (7) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

Date: June 29, 2018

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