

Emission Sources - Maximum Allowable Emission Rates

Permit Number 6469

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)
EPN 1	Cab Repair, Chassis Cleaning, Manual Chassis Painting, Chassis Oven, Cab Color 1 Oven, Color 4 Paint Booth, Cab Color 4 Flash Zone and Oven, Color 5 Paint Booth, Cab Color 5 Flash Zone and Oven Exhausted to Atmosphere, Cab Touch up, Paint Mixing, and Pyrolytic Oven	VOC	138.7	---
		ES	25.70	---
		PM ₁₀	0.97	---
		PM _{2.5}	0.78	---
		NO _x (6)(7)	1.30	3.36
		CO (6)(7)	0.67	2.38
	Robotic Chassis Painting, Cab Color 1 Painting, and Cab Color 1 Flash Zone Routed to RTO1	PM ₁₀ (6)(7)	0.07	0.23
		PM _{2.5} (6)(7)	0.06	0.16
		SO ₂ (6)(7)	0.01	0.02
		VOC (6)(7)	0.06	0.16
FUG-1	Plant Fugitives	VOC	18.72	---
		ES	2.00	---
EPN-1 and FUG-1	Annual Emission Limit – Less Products of Combustion	VOC	---	277.40
		ES	---	51.63
		PM ₁₀	---	1.93
		PM _{2.5}	---	1.55
EPN-2	Cab Color 6 Primer and Paint Areas, Flash-off Area, and Drying Oven Routed to RTO2	VOC	(8)	4.72
		ES	(8)	(8)
		PM ₁₀	(8)	(8)
		PM _{2.5}	(8)	(8)

Emission Sources - Maximum Allowable Emission Rates

		NO _x (6)(7)	2.20	6.42
		CO (6)(7)	1.23	5.17
		PM ₁₀ (6)(7)	0.12	0.48
		PM _{2.5} (6)(7)	0.11	0.47
		SO ₂ (6)(7)	0.02	0.04
		VOC (6)(7)	0.14	0.36
ALL EPNs	All Sources at the Site	Any Individual HAP	---	<10.0-
		All HAPS Combined	---	<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
- 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) Maximum hourly emission rate on any fuel combination for the RTO, drying oven and solvent firing in the RTO-2.
- (7) Combined annual limit from firing natural gas and LP gas.
- (8) Included in the Emission totals for EPN-1

Date November 29, 2011

: