

Emission Sources - Maximum Allowable Emission Rates

Permit Number 101386

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)
L1A1 through L1A8	Locomotive Paint Booth 1 and 6.65 MMBtu/hr Booth Heater	VOC	8.57	---
		Exempt Solvent	11.97	---
		PM ₁₀	0.02	---
		PM _{2.5}	0.02	---
		VOC (5)	0.04	0.16
		NO _x	0.20	0.87
		CO	0.25	1.08
		PM (5)	<0.01	<0.01
		PM ₁₀ (5)	<0.01	<0.01
		PM _{2.5} (5)	<0.01	<0.01
		SO ₂	<0.01	<0.02
L1B1 through L1B8	Locomotive Paint Booth 2 and 6.65 MMBtu/hr Booth Heater	VOC	8.57	---
		Exempt Solvent	11.97	---
		PM ₁₀	0.02	---
		PM _{2.5}	0.02	---
		VOC (5)	0.04	0.16
		NO _x	0.20	0.87
		CO	0.25	1.08

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		PM (5)	<0.01	<0.01
		PM ₁₀ (5)	<0.01	<0.01
		PM _{2.5} (5)	<0.01	<0.01
		SO ₂	<0.01	<0.02
L1C1 through L1C8	Locomotive Paint Booth 3 and 6.65 MMBtu/hr Booth Heater	VOC	8.57	---
		Exempt Solvent	11.97	---
		PM ₁₀	0.02	---
		PM _{2.5}	0.02	---
		VOC (5)	0.04	0.16
		NO _x	0.20	0.87
		CO	0.25	1.08
		PM (5)	<0.01	<0.01
		PM ₁₀ (5)	<0.01	<0.01
		PM _{2.5} (5)	<0.01	<0.01
		SO ₂	<0.01	<0.02
L1D1 through L1D8	Locomotive Paint Booth 4 and 6.65 MMBtu/hr Booth Heater	VOC	8.57	---
		Exempt Solvent	11.97	---
		PM ₁₀	0.02	---
		PM _{2.5}	0.02	---
		VOC (5)	0.04	0.16
		NO _x	0.20	0.87
		CO	0.25	1.08
		PM (5)	<0.01	<0.01
		PM ₁₀ (5)	<0.01	<0.01

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		PM _{2.5} (5)	<0.01	<0.01
		SO ₂	<0.01	<0.02
L1A1 through L1A8 L1B1 through L1B8 L1C1 through L1C8 L1D1 through L1D8	Locomotive Paint Booths 1 through 4	VOC	---	14.25
		Exempt Solvent	---	28.73
		PM ₁₀	---	0.06
		PM _{2.5}	---	0.06
PLT1 through PLT8	Platform Paint Booth and 6.65 MMBtu/hr Booth Heater	VOC	5.39	3.29
		Exempt Solvent	8.40	5.05
		PM ₁₀	0.02	0.01
		PM _{2.5}	0.20	0.01
		VOC (5)	0.04	0.16
		NO _x	0.20	0.87
		CO	0.25	1.08
		PM (5)	<0.01	<0.01
		PM ₁₀ (5)	<0.01	<0.01
		PM _{2.5} (5)	<0.01	<0.01
		SO ₂	<0.01	<0.02
TRK1 and TRK2	Truck Paint Booth and 2.62 MMBtu/hr Booth Heater	VOC	7.23	1.85
		Exempt Solvent	6.91	2.72
		PM ₁₀	0.01	0.01
		PM _{2.5}	0.01	0.01
		VOC(5)	0.01	0.06
		NO _x	0.08	0.03
		CO	0.22	0.96

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		PM (5)	<0.01	<0.01
		PM ₁₀ (5)	<0.01	<0.01
		PM _{2.5} (5)	<0.01	<0.01
		SO ₂	<0.01	<0.01
CABSB1 and CABSB2	Cab Paint Booth and 2.75 MMBtu/hr Booth Heater	VOC (5)	0.02	0.06
		NO _x	0.08	0.36
		CO	0.23	1.01
		PM (5)	<0.01	<0.01
		PM ₁₀ (5)	<0.01	<0.01
		PM _{2.5} (5)	<0.01	<0.01
		SO ₂	<0.01	<0.01
CABTU1 and CABTU2	Cab Touchup Booth and 2.75 MMBtu/hr Booth Heater	VOC (5)	0.02	0.06
		NO _x	0.08	0.36
		CO	0.23	1.01
		PM (5)	<0.01	<0.01
		PM ₁₀ (5)	<0.01	<0.01
		PM _{2.5} (5)	<0.01	<0.01
		SO ₂	<0.01	<0.01
PCO	Cab Paint Cure Oven and 2.0 MMBtu/hr Booth Heater	VOC	0.01	0.05
		NO _x	0.06	0.26
		CO	0.17	0.74
		PM	0.02	0.07
		PM ₁₀	0.02	0.07
		PM _{2.5}	0.02	0.07

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		SO ₂	<0.01	<0.06
CABSB1 and CABSB2 CABTU1 and CABTU2 and PCO	Cab Paint Booth and Cab Touchup Booth and Paint Cure Oven	VOC	11.69	5.66
		Exempt Solvent	24.76	9.41
		PM ₁₀	0.03	0.02
		PM _{2.5}	0.03	0.02
BOIL1	Boiler No. 1 1.0 MMBtu/hr	VOC	<0.01	0.02
		NO _x	0.03	0.13
		CO	0.08	0.37
		PM	0.01	0.03
		PM ₁₀	0.01	0.03
		PM _{2.5}	0.01	0.03
		SO ₂	<0.01	<0.01
BOIL2	Boiler No. 2 1.0 MMBtu/hr	VOC	<0.01	0.02
		NO _x	0.03	0.13
		CO	0.08	0.37
		PM	0.01	0.03
		PM ₁₀	0.01	0.03
		PM _{2.5}	0.01	0.03
		SO ₂	<0.01	<0.01
DOO	Dry Off Oven 2.0 MMBtu/hr	VOC	0.01	0.05
		NO _x	0.06	0.26
		CO	0.17	0.74
		PM	0.02	0.07
		PM ₁₀	0.02	0.07

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		PM _{2.5}	0.02	0.07
		SO ₂	<0.01	<0.06
ALL	All Sources at Locomotive Site	Individual 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) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (5) Combustion of natural gas only.

Date: July 13, 2012