

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 (6)	
			lbs/hour	TPY (4)
L1A1 through L1A8	Locomotive Paint Booth 1 and 6.65 MMBtu/hr Booth Heater	VOC	15.14	---
		Exempt Solvent	24.59	---
		PM ₁₀	<0.01	---
		PM _{2.5}	<0.01	---
		VOC (5)	0.04	0.16
		NO _x	0.20	0.87
		CO	0.56	2.45
		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	15.14	---
		Exempt Solvent	24.59	---
		PM ₁₀	<0.01	---
		PM _{2.5}	<0.01	---
		VOC (5)	0.04	0.16
		NO _x	0.20	0.87
		CO	0.56	2.45
		PM (5)	<0.01	<0.01

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		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	15.14	---
		Exempt Solvent	24.59	---
		PM ₁₀	<0.01	---
		PM _{2.5}	<0.01	---
		VOC (5)	0.04	0.16
		NO _x	0.20	0.87
		CO	0.56	2.45
		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	15.14	---
		Exempt Solvent	24.59	---
		PM ₁₀	<0.01	---
		PM _{2.5}	<0.01	---
		VOC (5)	0.04	0.16
		NO _x	0.20	0.87
		CO	0.56	2.45
		PM (5)	<0.01	<0.01
		PM ₁₀ (5)	<0.01	<0.01
		PM _{2.5} (5)	<0.01	<0.01

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		SO ₂	<0.01	0.02
PLT1 through PLT8	Platform Paint Booth and 6.65 MMBtu/hr Booth Heater	VOC	3.19	---
		Exempt Solvent	30.44	---
		PM ₁₀	<0.01	---
		PM _{2.5}	<0.01	---
		VOC (5)	0.04	0.16
		NO _x	0.20	0.87
		CO	0.56	2.45
		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	8.07	---
		Exempt Solvent	23.34	---
		PM ₁₀	<0.01	---
		PM _{2.5}	<0.01	---
		VOC(5)	<0.01	0.06
		NO _x	0.08	0.35
		CO	0.22	0.97
		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	0.07

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		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	0.07
		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 Heater	VOC (5)	0.01	0.05
		NO _x	0.06	0.26
		CO	0.17	0.74
		PM (5)	0.02	0.07
		PM ₁₀ (5)	0.02	0.07
		PM _{2.5} (5)	0.02	0.07
		SO ₂	<0.01	<0.01
CABSB1 and CABSB2 CABTU1 and CABTU2 and PCO	Cab Paint Booth and Cab Touchup Booth and Paint Cure Oven	VOC	5.72	---
		Exempt Solvent	33.06	---
		PM ₁₀	<0.01	---
		PM _{2.5}	<0.01	---

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EPMR	East Paint Mix Room	VOC	3.31	---
		Exempt Solvent	6.38	---
WPMR	West Paint Mix Room	VOC	6.60	---
		Exempt Solvent	10.30	---
L1A1 through L1A8, L1B1 through L1B8, L1C1 through L1C8, L1D1 through L1D8, PLT1 through PLT8, TRK1 and TRK2, CABSB1 and CABSB2, CABTU1 and CABTU2, PCO, EPMR, and WPMR	Painting Operations	VOC	---	53.88
		Exempt Solvent	---	123.75
		PM ₁₀	---	<0.01
		PM _{2.5}	---	<0.01
BLDGFUG	BLDGFUG	VOC	3.23	3.22
		Exempt Solvent	1.85	2.05
		PM	0.02	0.02
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
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

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		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
		PM _{2.5}	0.02	0.07
		SO ₂	<0.01	0.01
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.
- (6) Emission rates include planned maintenance, startup and shutdown activities.

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Date: July 28, 2022