Emission Sources - Maximum Allowable Emission Rates

Permit Number 19134

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)
2	Interior Shop Blast Station 1 Baghouse Stack	PM	0.02	0.06
		PM_{10}	<0.01	0.01
		$PM_{2.5}$	<0.01	<0.01
3	Interior Shop Blast Station 2 Baghouse Stack	PM	0.02	0.06
		PM_{10}	<0.01	0.01
		$PM_{2.5}$	<0.01	<0.01
4	Exterior Shop Blast Station Baghouse Stack	PM	0.04	0.11
		PM_{10}	<0.01	0.01
		$PM_{2.5}$	<0.01	<0.01
FUG	Repair Shop Cleaning Fugitives	VOC	1.35	0.99
All Emission Points at the Site	All Sources at the Site	Single HAP		<10.00
		All HAPs		<25.00
The emission rates shown below are effective until December 31, 2015.				
1	Interior Coating operations vented through CAU No. 1 and Exterior Coating operations vented through CAU No. 2 and Regeneration of Carbon Beds	VOC (6)	139.30	18.10
8 through 16	Heaters	VOC (6)	0.04	0.05
		PM (6)	3.82	5.94
		PM_{10} (6)	3.82	5.94
		$PM_{2.5}$ (6)	3.82	5.94
		NO_X (6)	0.75	0.90
		CO (6)	0.62	0.76

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8 through 16	Heaters	SO_2 (6)	<0.01	0.01
6	5.0 MMBtu/hr Boiler	VOC (6)	0.03	0.02
		PM (6)	0.04	0.03
		PM_{10} (6)	0.04	0.03
		$PM_{2.5}$ (6)	0.04	0.03
		NO_X (6)	0.49	0.36
		CO (6)	0.41	0.30
		SO_2 (6)	<0.01	<0.01
The emission rates shown below are effective by no later than January 1, 2016.				
1	RTO, Interior Paint Shop, Exterior Paint Shop, Lining Paint Shop, 2 Interior Paint Shop Hopper Car Heater Baking Ovens (each rated at 5 MMBtu/hr), 3 Interior Paint Shop Tank Car Heater Baking Ovens (1 oven rated at 5.0 MMBtu/hr and 2 ovens rated at 2.0 Btu/hr), 2 Lining Shop Tank Car Heater Baking Ovens (1 oven rated at 5.0 MMBtu/hr and 1 oven rated at 2.0 Btu/hr), 7 Paint Building Heaters (each rated at 1.4 MMBtu/hr)	VOC (5)	0.23	0.30
		PM (5)	1.27	1.55
		PM_{10} (5)	1.27	1.55
		$PM_{2.5}$ (5)	1.27	1.55
		NO_X (5)	11.73	6.22
		CO (5)	4.87	4.92
		SO_2 (5)	0.12	0.16
		VOC	35.44	8.88
		Exempt Solvent	6.65	1.75
		PM	0.28	0.07
		PM_{10}	0.28	0.07
		$PM_{2.5}$	0.28	0.07
5	Interior Shop Pre-Bake Oven	VOC (6)	0.01	<0.01
		PM (6)	0.02	0.01
		PM_{10} (6)	0.02	0.01
		$PM_{2.5}$ (6)	0.02	0.01
		NO_X (6)	0.20	0.06
		CO (6)	0.16	0.05
5	Interior Shop Pre-Bake Oven	SO_2 (6)	0.01	<0.01

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(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
SO_2 - sulfur dioxide
PM - total particulate matter, suspended in the atmosphere, including PM_{10} and $PM_{2.5}$
PM_{10} - total particulate matter equal to or less than 10 microns in diameter, including $PM_{2.5}$
$PM_{2.5}$ - 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) Products of combustion emissions – regenerative thermal oxidizer, heaters, and ovens.
(6) Products of combustion emissions.
(7) Allowable emission rates include planned maintenance, startup and shutdown activities.

Date: July 2, 2015