

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 2673

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)
F-3A	Galvanizing Line No. 1 Kettle No. 2 Baghouse Stack A (6)	PM	0.028	0.052
		PM <sub>10</sub>	0.028	0.052
		PM <sub>2.5</sub>	0.028	0.052
F-3B	Galvanizing Line No. 1 Kettle No. 2 Baghouse Stack B (6)	PM	0.04	0.078
		PM <sub>10</sub>	0.04	0.078
		PM <sub>2.5</sub>	0.04	0.078
C-3	Pipe Coating Heater Vent	SO <sub>2</sub>	<0.001	<0.001
		NO <sub>x</sub>	0.10	0.05
		CO	0.08	0.04
		VOC	<0.01	<0.01
		PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (7)	
			lbs/hour	TPY (4)
C-6	Galvanizing Line No. 1 Kettle No. 2 Burner Stack	SO <sub>2</sub>	<0.003	<0.01
		NO <sub>x</sub>	0.20	0.44
		CO	0.34	0.74
		VOC	0.02	0.05
		PM	0.03	0.07
		PM <sub>10</sub>	0.03	0.07
		PM <sub>2.5</sub>	0.03	0.07
C-7	Galvanizing Line No.1 Clean Tank Heater Vent	SO <sub>2</sub>	<0.001	<0.002
		NO <sub>x</sub>	0.12	0.26
		CO	0.10	0.22
		VOC	<0.01	<0.02
		PM	<0.01	0.02
		PM <sub>10</sub>	<0.01	0.02
		PM <sub>2.5</sub>	<0.01	0.02

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (7)	
			lbs/hour	TPY (4)
C-8	Galvanizing Line No. 1 Rinse Tank Heater Vent	SO <sub>2</sub>	<0.001	<0.001
		NO <sub>x</sub>	0.03	0.07
		CO	0.03	0.06
		VOC	<0.01	<0.01
		PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
F-2	Mill Scale Baghouse Stack	PM	0.86	2.14
		PM <sub>10</sub>	0.86	2.14
		PM <sub>2.5</sub>	0.86	2.14
BF	Building Fugitives (5 & 6) FINS: Galvanizing Kettle No. 2, Galvanizing Line 1 HCl Tanks, and Strand Galvanizing Line HCl Tank	PM	0.19	0.35
		PM <sub>10</sub>	0.19	0.35
		PM <sub>2.5</sub>	0.19	0.35
		HCl	<0.04	<0.05

- (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<sub>x</sub> - total oxides of nitrogen  
 SO<sub>2</sub> - sulfur dioxide  
 PM - total particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>, as represented  
 PM<sub>10</sub> - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>, as represented  
 PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter  
 CO - carbon monoxide  
 HCl - hydrogen chloride
- (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.

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- (6) PM includes speciated compounds of zinc, zinc oxide, iron, lead, cadmium, aluminum, zinc chloride ammonium, ammonium chloride, and carbon. Emission rates for the compounds not listed on the maximum allowable emission rates table are represented in the permit file.
- (7) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit and will need separate authorization unless the activity can meet conditions of 30 TAC 116.119.

Date: August 4, 2014