

## 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	
			lbs/hour	TPY (4)
F-3A	Galvanizing Kettle No. 2 Baghouse Stack A (6)	PM	0.027	0.067
		PM <sub>10</sub>	0.027	0.067
		ZnO	0.004	0.011
		NH <sub>4</sub> Cl	0.018	0.046
F-3B	Galvanizing Kettle No. 2 Baghouse Stack B (6)	PM	0.014	0.037
		PM <sub>10</sub>	0.014	0.037
C-2	Evaporator Heater	SO <sub>2</sub>	<0.001	<0.001
		NO <sub>x</sub>	0.05	0.12
		CO	0.04	0.10
		VOC	0.02	0.01
		PM	<0.01	0.01
		PM <sub>10</sub>	<0.01	0.01
		PM <sub>2.5</sub>	<0.01	0.01
C-3	Pipe Coating Heater	SO <sub>2</sub>	<0.001	<0.001
		NO <sub>x</sub>	0.10	0.24
		CO	0.08	0.20
		VOC	0.01	0.01
		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	
			lbs/hour	TPY (4)
C-4	Fitting Coating Heater	SO <sub>2</sub>	<0.001	<0.001
		NO <sub>x</sub>	0.07	0.17
		CO	0.06	0.14
		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
C-6	Galvanizing Kettle No. 2 Burner Heater	SO <sub>2</sub>	<0.001	0.01
		NO <sub>x</sub>	0.19	0.48
		CO	0.31	0.77
		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. 2 Clean Tank Heater	SO <sub>2</sub>	<0.001	<0.001
		NO <sub>x</sub>	0.11	0.29
		CO	0.10	0.24
		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	
			lbs/hour	TPY (4)
C-8	Galvanizing Line No. 2 Rinse Tank Heater	SO <sub>2</sub>	<0.001	<0.001
		NO <sub>x</sub>	0.03	0.07
		CO	0.02	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	PM	0.86	2.14
		PM <sub>10</sub>	0.86	2.14
BF	Building Fugitives (5 & 6) FINS: Galvanizing Kettle No. 2 and HCl Tank	PM	0.027	0.068
		PM <sub>10</sub>	0.027	0.068
		ZnO	0.004	0.011
		NH <sub>4</sub> Cl	0.018	0.046
		HCl	0.025	0.11

- (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
- ZnO - zinc oxide
- NH<sub>4</sub>Cl - ammonium chloride

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- (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) 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.

Date: \_\_\_\_\_