

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 77886

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-C101A	Raw Material Transfer Bag Filter	VOC	0.01	0.04
		PM <sub>10</sub>	0.01	0.01
F-C102A	Storage Tank Bag Filter	VOC	0.01	0.04
		PM <sub>10</sub>	0.01	0.01
F-C110	Slurry Tank Filter	VOC	0.03	0.13
		PM <sub>10</sub>	0.01	0.01
F-C2110	Slurry Tank Filter	VOC	0.03	0.13
		PM <sub>10</sub>	0.01	0.01
C-C710	Fluid Bed Dryer and Scrubber	VOC	0.14	0.61
		PM <sub>10</sub>	0.01	0.01
		HCl	0.60	2.60
C-C2710	Fluid Bed Dryer and Scrubber	VOC	0.14	0.61
		PM <sub>10</sub>	0.01	0.01
		HCl	0.60	2.60
F-C601	Product Transfer Bag Filter	VOC	0.01	0.05
		PM <sub>10</sub>	0.01	0.01
		HCl	0.01	0.01
F-C2601	Product Transfer Bag Filter	VOC	0.01	0.05
		PM <sub>10</sub>	0.01	0.01
		HCl	0.01	0.01

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F-C2603	Product Dust Collector	VOC	0.01	0.05
		PM <sub>10</sub>	0.01	0.01
V-C2703	Gas Absorption Collector	VOC	0.01	0.01
		PM <sub>10</sub>	0.10	0.44
F-C603A	Product Dust Collector	VOC	0.01	0.05
		PM <sub>10</sub>	0.01	0.01
F-C603B	Product Dust Collector	VOC	0.01	0.05
		PM <sub>10</sub>	0.01	0.01
V-C703A	Gas Absorption Collector	VOC	0.01	0.01
		Cl <sub>2</sub>	0.10	0.06
V-C703B	Backup Gas Absorption Collector	VOC	0.01	0.01
		Cl <sub>2</sub>	0.02	0.05
T-C706	Decomposition Tower	VOC	0.01	0.01
T-C2706	Decomposition Tower	VOC	0.01	0.01
F-C606A	Product Transfer Bag Filter	VOC	0.01	0.05
		PM <sub>10</sub>	0.01	0.01
F-C606B	Product Transfer Bag Filter	VOC	0.01	0.05
		PM <sub>10</sub>	0.01	0.01
Z-C709	Wastewater Transfer Pit Z-C709	VOC	0.17	0.69
Z-C2709	Wastewater Transfer Pit Z-C2709	VOC	0.14	0.52
Z-C712	Wastewater Transfer Pit	VOC	0.13	0.54
C011	Fugitives (5)	Cl <sub>2</sub>	0.13	0.57
F-C2101A	Raw Material Transfer Bag Filter	VOC	0.01	0.03
		PM <sub>10</sub>	0.01	0.01
F-C2102C	Storage Tank Bag Filter	VOC	0.01	0.03
		PM <sub>10</sub>	0.01	0.01

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F-C102B	Bin Filter	VOC	0.01	0.03
		PM <sub>10</sub>	0.01	0.01

- (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  
Cl<sub>2</sub> - chlorine gas  
HCl - hydrogen chloride  
PM<sub>10</sub> - total particulate matter equal to or less than 10 microns in diameter
- (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.

Date: October 3, 2013