

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 75112

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 (5) (6)	
			lbs/hour	TPY (4)
1	Flash Dryer Baghouse Stack	PM <sub>10</sub>	0.54	2.34
		VOC	0.02	0.10
		NO <sub>x</sub>	0.4	1.75
		SO <sub>2</sub>	<0.01	<0.01
		CO	0.34	1.49
2	Rotary Dryer Baghouse Stack	PM <sub>10</sub>	0.29	1.26
		VOC	0.02	0.10
		NO <sub>x</sub>	0.4	1.75
		SO <sub>2</sub>	<0.01	<0.01
		CO	0.34	1.49
3	Bagging Baghouse Stack	PM <sub>10</sub>	0.26	1.13
4	Pilot Plant Bagging Baghouse Stack	PM <sub>10</sub>	0.05	0.22
5	Pilot Plant Rotary Dryer Baghouse Stack	PM <sub>10</sub>	0.03	0.16
		VOC	<0.01	0.01
		NO <sub>x</sub>	0.04	0.18
		SO <sub>2</sub>	<0.01	<0.01
		CO	0.03	0.15

- (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<sub>10</sub> - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>, as represented  
 CO - carbon monoxide  
 (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.  
 (5) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

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- (6) Emission rates are based on and the facilities are limited by the following maximum operating schedule and production rates.

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

Plant production: 3 Tons/hour 26,280 Tons/year

Date: June 11, 2018