

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 1074

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)	
			lbs/hour	TPY (4)
1-E-DRYER	Spray Tower Scrubber Stack (Edible Dryer Exhaust)	PM	2.01	8.80
		PM <sub>10</sub>	2.01	8.80
		VOC	1.77	7.76
		NO <sub>x</sub>	6.24	27.33
		CO	2.46	10.77
		SO <sub>2</sub>	0.49	2.15
1-E-SC	Packed Tower Scrubber Stack - Edible Rendering Room Air (includes bone bin, Rotex screen, Foresberg bone separation equipment, low protein silo & gelatin bone silo)	PM	0.99	4.13
		PM <sub>10</sub>	0.89	3.81
3-SILO	Small Bone Silo Loading	PM	0.01	0.03
		PM <sub>10</sub>	0.01	0.03
6-E-LOAD	Small Bone Truck Loadout	PM	0.75	0.07
		PM <sub>10</sub>	0.25	0.02
3A-E-LOAD	Truck Unloading	PM	1.58	1.55
		PM <sub>10</sub>	0.53	0.52
4-E-LOAD	Rail Conveyor	PM	0.54	0.53
		PM <sub>10</sub>	0.30	0.29

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5-E-LOAD	Product Loadout to Railcar	PM	0.25	0.24
		PM <sub>10</sub>	0.02	0.02
3B-E-LOAD	Shaker Screen	PM	13.13	12.88
		PM <sub>10</sub>	13.13	12.88

- (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  
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.

Date: May 27, 2014