

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 49362

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 (6)	
			lbs/hour	TPY (4)
S1	Bulk Storage Silo No. 1 Baghouse Stack	PM	0.05	0.02
		PM <sub>10</sub>	0.05	0.02
S2	Bulk Storage Silo No. 2 Baghouse Stack	PM	0.05	0.02
		PM <sub>10</sub>	0.05	0.02
S3	Bulk Storage Silo No. 3 Baghouse Stack	PM	0.05	0.02
		PM <sub>10</sub>	0.05	0.02
F1	Material Storage Bins, Loading, and Storage Piles (5)	PM	1.58	0.56
		PM <sub>10</sub>	0.05	0.19
F2	Conveyor Loading Hopper (5)	PM	0.14	0.21
		PM <sub>10</sub>	0.01	0.01
F3	Conveyor and Shuttle Conveyor (5)	PM	0.01	0.01
		PM <sub>10</sub>	0.01	0.01
F4	Plant Building Material Handling (5)	PM	0.41	0.68
		PM <sub>10</sub>	0.02	0.02
F5	Steam Generator Exhaust Stack	PM	0.04	0.17
		PM <sub>10</sub>	0.04	0.17
		SO <sub>2</sub>	0.01	0.02
		NO <sub>x</sub>	0.50	2.19
		CO	0.42	1.84
		VOC	0.03	0.12
F6	Primary and Secondary Block Crushers and Screen (5)	PM	0.02	0.01
		PM <sub>10</sub>	0.01	0.01

Emission Sources - Maximum Allowable Emission Rates

- (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) 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  
SO<sub>2</sub> - sulfur dioxide  
NO<sub>x</sub> - total oxides of nitrogen  
CO - carbon monoxide  
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- (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) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

Date: February 11, 2013