

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 5998

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)
EP001A	Truck Receiving Pit (5)	PM	5.10	9.53
		PM <sub>10</sub>	0.75	1.40
		PM <sub>2.5</sub>	0.13	0.24
EP001B	Railcar Receiving Pit (5)	PM	25.20	9.53
		PM <sub>10</sub>	3.75	1.40
		PM <sub>2.5</sub>	0.63	0.24
EP001A and EP001B	Total Receiving Operations (5)	PM	-	9.53
		PM <sub>10</sub>	-	1.40
		PM <sub>2.5</sub>	-	0.24
EP002	Storage Tank No. 1 Bagfilter Stack	PM	0.34	0.18
		PM <sub>10</sub>	0.34	0.18
		PM <sub>2.5</sub>	0.21	0.11
EP003	Storage Tank No. 2 Bagfilter Stack	PM	0.34	0.18
		PM <sub>10</sub>	0.34	0.18
		PM <sub>2.5</sub>	0.21	0.11
EP004	Storage Tank No. 3 Bagfilter Stack	PM	0.17	0.11
		PM <sub>10</sub>	0.17	0.11
		PM <sub>2.5</sub>	0.10	0.07
EP005	Storage Tank No. 4 Bagfilter Stack	PM	0.17	0.11
		PM <sub>10</sub>	0.17	0.11
		PM <sub>2.5</sub>	0.10	0.07

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EP006	Hammermill No.1 Bagfilter Stack	PM	0.72	1.17
		PM <sub>10</sub>	0.72	1.17
		PM <sub>2.5</sub>	0.43	0.70
EP007	Hammermill No. 2 Bagfilter Stack	PM	0.72	1.17
		PM <sub>10</sub>	0.72	1.17
		PM <sub>2.5</sub>	0.43	0.70
EP008	Hammermill No. 3 Bagfilter Stack	PM	0.72	1.17
		PM <sub>10</sub>	0.72	1.17
		PM <sub>2.5</sub>	0.43	0.70
EP009	Hammermill No. 4 Bagfilter Stack	PM	0.72	1.17
		PM <sub>10</sub>	0.72	1.17
		PM <sub>2.5</sub>	0.43	0.70
EP010	Ground Grain Conveyor No. 1 Bagfilter Stack	PM	0.43	1.18
		PM <sub>10</sub>	0.34	1.18
		PM <sub>2.5</sub>	0.21	0.71
EP011	Ground Grain Conveyor No. 2 Bagfilter Stack	PM	0.34	0.22
		PM <sub>10</sub>	0.34	0.22
		PM <sub>2.5</sub>	0.21	0.13
EP013	Pellet Mill Cooler No. 1 Cyclone Stack	PM	9.00	28.64
		PM <sub>10</sub>	4.50	14.32
		PM <sub>2.5</sub>	0.96	3.06
EP013A	Pellet Mill Cooler No. 2 Cyclone Stack	PM	9.00	28.64
		PM <sub>10</sub>	4.50	14.32
		PM <sub>2.5</sub>	0.96	3.06
EP013B	Pellet Mill Cooler No. 3 Cyclone Stack	PM	3.00	9.55
		PM <sub>10</sub>	1.50	4.77
		PM <sub>2.5</sub>	0.32	1.02
EP013C	Pellet Mill Cooler No. 4 Cyclone Stack	PM	3.00	9.55
		PM <sub>10</sub>	1.50	4.77

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		PM <sub>2.5</sub>	0.32	1.02
EP013D	Pellet Mill Cooler No. 5 Cyclone Stack	PM	0.75	0.23
		PM <sub>10</sub>	0.38	0.12
		PM <sub>2.5</sub>	0.08	0.03
EP014	Finished Product Handling Bagfilter Stack	PM	0.34	1.18
		PM <sub>10</sub>	0.34	1.18
		PM <sub>2.5</sub>	0.21	0.71
EP015	Loadout No.1 (5)	PM	0.50	1.95
		PM <sub>10</sub>	0.12	0.47
		PM <sub>2.5</sub>	0.01	0.03
EP015A	Loadout No.2 (5)	PM	0.40	1.95
		PM <sub>10</sub>	0.10	0.47
		PM <sub>2.5</sub>	0.01	0.03
EP015B	Loadout No. 3 (5)	PM	0.99	1.95
		PM <sub>10</sub>	0.24	0.47
		PM <sub>2.5</sub>	0.02	0.03
EP015, EP015A, and EP015B	Loadout No. 1, No. 2, and No. 3 (5)	PM	-	1.95
		PM <sub>10</sub>	-	0.47
		PM <sub>2.5</sub>	-	0.03
EP016	Boiler Stack	PM	0.37	1.30
		PM <sub>10</sub>	0.37	1.30
		PM <sub>2.5</sub>	0.37	1.30
		CO	4.07	14.38
		SO <sub>2</sub>	0.03	0.10
		VOC	0.27	0.94
		NO <sub>x</sub>	4.84	17.12

- (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.

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- (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
- (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 and will need separate authorization unless the activity can meet conditions of 30 TAC 116.119.

Date: February 23, 2015