

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 36809

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)
Vent-1	Railcar Receiving Pit No. 1 Bagfilter Vent	PM	1.71	4.71
		PM <sub>10</sub>	1.71	4.71
		PM <sub>2.5</sub>	1.71	4.71
Vent-2	Truck Receiving Pits No. 1 and No. 2 Bagfilter Vent	PM	2.57	7.07
		PM <sub>10</sub>	2.57	7.07
		PM <sub>2.5</sub>	2.57	7.07
Vent-3	Grain Silo Bagfilter Vent	PM	2.15	5.90
		PM <sub>10</sub>	2.15	5.90
		PM <sub>2.5</sub>	2.15	5.90
Vent-4	Grain Silo Bagfilter Vent	PM	1.87	5.15
		PM <sub>10</sub>	1.87	5.15
		PM <sub>2.5</sub>	1.87	5.15
Vent-9	Grain Silo Bagfilter Vent	PM	4.18	11.49
		PM <sub>10</sub>	4.18	11.49
		PM <sub>2.5</sub>	4.18	11.49
Vent-10	Railcar Receiving Pit No. 2 Bagfilter Vent	PM	2.96	8.13
		PM <sub>10</sub>	2.96	8.13
		PM <sub>2.5</sub>	2.96	8.13
Vent-11	Grain Silo Bagfilter Vent	PM	4.54	12.49
		PM <sub>10</sub>	4.54	12.49
		PM <sub>2.5</sub>	4.54	12.49
Truck-Pit1	Truck Receiving Pit No. 1 (6)	PM	0.43	--
		PM <sub>10</sub>	0.14	--
		PM <sub>2.5</sub>	0.02	--

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Truck-Pit2	Truck Receiving Pit No. 2 (6)	PM	0.43	--
		PM <sub>10</sub>	0.14	--
		PM <sub>2.5</sub>	0.02	--
	Total Annual Truck Receiving Operations (6)	PM	--	0.20
		PM <sub>10</sub>	--	0.07
		PM <sub>2.5</sub>	--	0.01
Rail-Pit1	Railcar Receiving Pit No. 1 (6)	PM	0.37	--
		PM <sub>10</sub>	0.09	--
		PM <sub>2.5</sub>	0.02	--
Rail-Pit2	Railcar Receiving Pit No. 2 (6)	PM	0.37	--
		PM <sub>10</sub>	0.09	--
		PM <sub>2.5</sub>	0.02	--
	Total Annual Railcar Receiving Operations (6)	PM	--	0.68
		PM <sub>10</sub>	--	0.17
		PM <sub>2.5</sub>	--	0.03
Ship-SPT1	Ship Loadout Spout No. 1 (6)	PM	3.48	--
		PM <sub>10</sub>	0.87	--
		PM <sub>2.5</sub>	0.16	--
Ship-SPT2	Ship Loadout Spout No. 2 (6)	PM	3.48	--
		PM <sub>10</sub>	0.87	--
		PM <sub>2.5</sub>	0.16	--
Ship-SPT3	Ship Loadout Spout No. 3 (6)	PM	3.48	--
		PM <sub>10</sub>	0.87	--
		PM <sub>2.5</sub>	0.16	--
	Total Annual Ship Loadout Operations (6)	PM	--	10.77
		PM <sub>10</sub>	--	2.69
		PM <sub>2.5</sub>	--	0.49
Dust23	Dust Bin Loadout (6)	PM	1.22	0.27
		PM <sub>10</sub>	0.10	0.02

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		PM <sub>2.5</sub>	0.02	<0.01
Truck-Load	Truck Loadout Spout (6)	PM	0.86	0.04
		PM <sub>10</sub>	0.29	0.01
		PM <sub>2.5</sub>	0.05	<0.01
Rail-Load	Rail Loadout Spout (6)	PM	0.27	0.01
		PM <sub>10</sub>	0.02	<0.01
		PM <sub>2.5</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) 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
- (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.
- (6) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

Date: November 3, 2016