

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 71428

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)
TR-1	Truck Receiving Pit No. 1	PM	5.24	1.79
		PM <sub>10</sub>	0.77	0.26
		PM <sub>2.5</sub>	0.13	0.04
TR-2	Truck Receiving Pit No. 2	PM	5.24	1.79
		PM <sub>10</sub>	0.77	0.26
		PM <sub>2.5</sub>	0.13	0.04
RR-1	Rail Receiving Pit No. 1	PM	5.10	1.79
		PM <sub>10</sub>	0.75	0.26
		PM <sub>2.5</sub>	0.13	0.04
RR-2	Rail Receiving Pit No. 2	PM	5.10	1.79
		PM <sub>10</sub>	0.75	0.26
		PM <sub>2.5</sub>	0.13	0.04
RR-3	Rail Receiving Pit No. 2	PM	5.10	1.79
		PM <sub>10</sub>	0.75	0.26
		PM <sub>2.5</sub>	0.13	0.04
	Total Truck and Rail Receiving Operations	PM	--	1.79
		PM <sub>10</sub>	--	0.26
		PM <sub>2.5</sub>	--	0.04
1	Headhouse/Bin Deck	PM	17.24	1.28
		PM <sub>10</sub>	9.61	0.72
		PM <sub>2.5</sub>	1.63	0.12
BAG1	Basement Conveyor Belt No. 1 Baghouse Stack	PM	2.20	1.32
		PM <sub>10</sub>	2.20	1.32

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		PM <sub>2.5</sub>	0.37	0.22
BAG2	Basement Conveyor Belt No. 2 Baghouse Stack	PM	2.20	1.32
		PM <sub>10</sub>	2.20	1.32
		PM <sub>2.5</sub>	0.37	0.22
BAG3	Basement Conveyor Belt No. 3 Baghouse Stack	PM	1.81	1.09
		PM <sub>10</sub>	1.81	1.09
		PM <sub>2.5</sub>	0.31	0.19
BAG4	Basement Conveyor Belt No. 4 Baghouse Stack	PM	1.81	1.09
		PM <sub>10</sub>	1.81	1.09
		PM <sub>2.5</sub>	0.31	0.19
BAG5	Bin Deck Conveyor Belt No. 1 Baghouse Stack	PM	1.77	0.44
		PM <sub>10</sub>	1.77	0.44
		PM <sub>2.5</sub>	0.30	0.07
BAG6	Bin Deck Conveyor Belt No. 2 Baghouse Stack	PM	1.77	0.44
		PM <sub>10</sub>	1.77	0.44
		PM <sub>2.5</sub>	0.30	0.07
BAG7	Bin Deck Conveyor Belt No. 3 Baghouse Stack	PM	1.53	0.38
		PM <sub>10</sub>	1.53	0.38
		PM <sub>2.5</sub>	0.26	0.06
BAG8	Elevator No. 9 Baghouse Stack	PM	1.65	0.30
		PM <sub>10</sub>	1.65	0.30
		PM <sub>2.5</sub>	0.28	0.05
BAG9	Elevator No. 3 Baghouse Stack	PM	1.63	0.29
		PM <sub>10</sub>	1.63	0.29
		PM <sub>2.5</sub>	0.28	0.05
BAG10	Elevator No. 1 Baghouse Stack	PM	1.39	0.25
		PM <sub>10</sub>	1.39	0.25
		PM <sub>2.5</sub>	0.24	0.04
BAG11	Workhouse/Shipping	PM	0.69	0.41

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		PM <sub>10</sub>	0.69	0.41
		PM <sub>2.5</sub>	0.12	0.07
BAG12	Pneumatic Receiving Conveyors Baghouse Stack	PM	0.10	0.06
		PM <sub>10</sub>	0.10	0.06
		PM <sub>2.5</sub>	0.02	0.01
L1	Truck Loadout Spout No. 1	PM	2.15	0.90
		PM <sub>10</sub>	0.73	0.31
		PM <sub>2.5</sub>	0.12	0.05
L2	Truck Loadout Spout No. 2	PM	2.15	0.90
		PM <sub>10</sub>	0.73	0.31
		PM <sub>2.5</sub>	0.12	0.05
L3	Truck Loadout Spout No. 3	PM	2.15	0.90
		PM <sub>10</sub>	0.73	0.31
		PM <sub>2.5</sub>	0.12	0.05
L4	Railcar Loadout Spout No. 1	PM	2.41	0.90
		PM <sub>10</sub>	0.81	0.31
		PM <sub>2.5</sub>	0.14	0.05
L5	Railcar Loadout Spout No. 2	PM	2.41	0.90
		PM <sub>10</sub>	0.81	0.31
		PM <sub>2.5</sub>	0.14	0.05
	Total Loadout Operations	PM	--	0.90
		PM <sub>10</sub>	--	0.31
		PM <sub>2.5</sub>	--	0.05
L-DB	Dust Bin Loadout	PM	1.72	0.02
		PM <sub>10</sub>	0.58	0.01
		PM <sub>2.5</sub>	0.10	<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.

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- (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) 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: May 13, 2015