

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 73022

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	Truck Receiving Pit	PM	0.61	2.69
		PM <sub>10</sub>	0.09	0.40
		PM <sub>2.5</sub>	0.02	0.07
2	Railcar Receiving Pit	PM	1.36	2.69
		PM <sub>10</sub>	0.20	0.40
		PM <sub>2.5</sub>	0.03	0.07
	Total Receiving Operations	PM	--	2.69
		PM <sub>10</sub>	--	0.40
		PM <sub>2.5</sub>	--	0.07
3	Crimper Cyclone Stack	PM	0.24	0.72
		PM <sub>10</sub>	0.12	0.36
		PM <sub>2.5</sub>	0.12	0.36
4	Cooler No. 1 Cyclone Stack	PM	2.25	6.75
		PM <sub>10</sub>	1.13	3.38
		PM <sub>2.5</sub>	1.13	3.38
5	Cooler No. 2 Cyclone Stack	PM	2.25	6.75
		PM <sub>10</sub>	1.13	3.38
		PM <sub>2.5</sub>	1.13	3.38
6	Cleaner Cyclone Stack	PM	1.50	4.50
		PM <sub>10</sub>	0.38	1.14
		PM <sub>2.5</sub>	0.38	1.14
7	Aspirator Cyclone Stack	PM	0.75	2.25

## Emission Sources - Maximum Allowable Emission Rates

		PM <sub>10</sub>	0.19	0.57
		PM <sub>2.5</sub>	0.19	0.57
L1	Loadout No. 1	PM	2.97	8.90
		PM <sub>10</sub>	1.00	3.00
		PM <sub>2.5</sub>	0.17	0.51
L2	Loadout No. 2	PM	2.97	8.90
		PM <sub>10</sub>	1.00	3.00
		PM <sub>2.5</sub>	0.17	0.51
L3	Loadout No. 3	PM	2.97	8.90
		PM <sub>10</sub>	1.00	3.00
		PM <sub>2.5</sub>	0.17	0.51
L4	Loadout No. 4	PM	2.97	8.90
		PM <sub>10</sub>	1.00	3.00
		PM <sub>2.5</sub>	0.17	0.51
L5	Loadout No. 5	PM	2.97	8.90
		PM <sub>10</sub>	1.00	3.00
		PM <sub>2.5</sub>	0.17	0.51
L6	Loadout No. 6	PM	2.97	8.90
		PM <sub>10</sub>	1.00	3.00
		PM <sub>2.5</sub>	0.17	0.51
L7	Loadout No. 7	PM	2.97	8.90
		PM <sub>10</sub>	1.00	3.00
		PM <sub>2.5</sub>	0.17	0.51
L8	Loadout No. 8	PM	2.97	8.90
		PM <sub>10</sub>	1.00	3.00
		PM <sub>2.5</sub>	0.17	0.51
L9	Loadout No. 9	PM	2.97	8.90
		PM <sub>10</sub>	1.00	3.00
		PM <sub>2.5</sub>	0.17	0.51

Emission Sources - Maximum Allowable Emission Rates

L10	Loadout No. 10	PM	2.97	8.90
		PM <sub>10</sub>	1.00	3.00
		PM <sub>2.5</sub>	0.17	0.51
L11	Loadout No. 11	PM	2.97	8.90
		PM <sub>10</sub>	1.00	3.00
		PM <sub>2.5</sub>	0.17	0.51
L12	Loadout No. 12	PM	2.97	8.90
		PM <sub>10</sub>	1.00	3.00
		PM <sub>2.5</sub>	0.17	0.51
L13	Loadout No. 13	PM	2.97	8.90
		PM <sub>10</sub>	1.00	3.00
		PM <sub>2.5</sub>	0.17	0.51
	Total Loadout Operations	PM	--	8.90
		PM <sub>10</sub>	--	3.00
		PM <sub>2.5</sub>	--	0.51
F-1	Packing Line Operations Bagfilter Stack	PM	0.14	0.61
		PM <sub>10</sub>	0.14	0.61
		PM <sub>2.5</sub>	0.14	0.61

- (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.

Date: February 9, 2015