

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 145497

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	
			lbs/hour	TPY (4)
P1	P1 Railcar Drop/Unloading to Pit Conveyor 1 (5)	PM	0.02	-
		PM <sub>10</sub>	0.01	-
		PM <sub>2.5</sub>	<0.01	-
P2	P2 Railcar Drop/Unloading to Pit Conveyor 1 (5)	PM	0.02	-
		PM <sub>10</sub>	0.01	-
		PM <sub>2.5</sub>	<0.01	-
P1 and P2	P1 and P2 Drop/Unloading to Pit Conveyor 1	PM	-	0.04
		PM <sub>10</sub>	-	0.02
		PM <sub>2.5</sub>	-	<0.01
P19	P19 Stack DCs 19,C1, C6 & C8 FINs (Railcar Drop/Unloading Point 19 to Pit Conveyor 2; Pit Conveyor 1 to Belt Conveyor 1, to Bucket Elevator 1; Pit Conveyor 19 to Belt Conveyor 2 to Bucket Elevator 2; Tanks 7 and 8 to Belt Conveyor 3 to Bucket Elevator 3)	PM	0.04	0.18
		PM <sub>10</sub>	0.04	0.18
		PM <sub>2.5</sub>	0.04	0.18
P19FUG	Railcar Drop/Unloading Point 19 to Pit Conveyor 2 Fugitive (5)	PM	0.001	0.01
		PM <sub>10</sub>	0.001	0.01
		PM <sub>2.5</sub>	0.001	0.01
S1-2	Bucket Elevator 1 and 3 to Tank Belt Conveyors, Tank Belt Conveyors to Tank 1, 2, and 3 Dust Collector Vent	PM	0.02	0.09
		PM <sub>10</sub>	0.02	0.09
		PM <sub>2.5</sub>	0.02	0.09

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S1-3	Bucket Elevator 1 and 3 to Tank Belt Conveyors, Tank Belt Conveyors to Tank 4, 5, and 6 Dust Collector Vent	PM	0.02	0.09
		PM <sub>10</sub>	0.02	0.09
		PM <sub>2.5</sub>	0.02	0.09
S1-4	Tank 1 to Truck Loadout Dust Collector Vent	PM	0.04	-
		PM <sub>10</sub>	0.04	-
		PM <sub>2.5</sub>	0.04	-
S1-5	Tank 2 to Truck Loadout Dust Collector Vent	PM	0.04	-
		PM <sub>10</sub>	0.04	-
		PM <sub>2.5</sub>	0.04	-
S1-6	Tank 3 to Truck Loadout Dust Collector Vent	PM	0.04	-
		PM <sub>10</sub>	0.04	-
		PM <sub>2.5</sub>	0.04	-
S1-7	Tank 4 to Truck Loadout Dust Collector Vent	PM	0.04	-
		PM <sub>10</sub>	0.04	-
		PM <sub>2.5</sub>	0.04	-
S1-8	Tank 5 to Truck Loadout Dust Collector Vent	PM	0.04	-
		PM <sub>10</sub>	0.04	-
		PM <sub>2.5</sub>	0.04	-
S1-9	Tank 6 to Truck Loadout Dust Collector Vent	PM	0.04	-
		PM <sub>10</sub>	0.04	-
		PM <sub>2.5</sub>	0.04	-
S1-4, S1-5, S1-6, S1-7, S1-8, & S1-9	Truck Loadout Dust Collector Vents for Tanks 1 through 6	PM	-	0.64
		PM <sub>10</sub>	-	0.64
		PM <sub>2.5</sub>	-	0.64

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P4FUG	Tank 1 to Truck Loadout Fugitives (5)	PM	0.04	-
		PM <sub>10</sub>	0.04	-
		PM <sub>2.5</sub>	0.04	-
P5FUG	Tank 2 to Truck Loadout Fugitives (5)	PM	0.04	-
		PM <sub>10</sub>	0.04	--
		PM <sub>2.5</sub>	0.04	-
P6FUG	Tank 3 to Truck Loadout Fugitives (5)	PM	0.04	-
		PM <sub>10</sub>	0.04	-
		PM <sub>2.5</sub>	0.04	-
P7FUG	Tank 4 to Truck Loadout Fugitives (5)	PM	0.04	-
		PM <sub>10</sub>	0.04	-
		PM <sub>2.5</sub>	0.04	-
P8FUG	Tank 5 to Truck Loadout Fugitives (5)	PM	0.04	-
		PM <sub>10</sub>	0.04	-
		PM <sub>2.5</sub>	0.04	-
P9FUG	Tank 6 to Truck Loadout Fugitives (5)	PM	0.04	-
		PM <sub>10</sub>	0.04	-
		PM <sub>2.5</sub>	0.04	-
P4FUG, P5FUG, P6FUG, P7FUG, P8FUG, & P9FUG	Truck Loadout Fugitives for Tanks 1 through 6 (5)	PM	-	0.64
		PM <sub>10</sub>	-	0.64
		PM <sub>2.5</sub>	-	0.64
S1-13	Bucket Elevator 2 to Tank Belt Conveyors, Tank Belt Conveyors to Tank 7-Dust Collector Vent	PM	0.02	0.09
		PM <sub>10</sub>	0.02	0.09
		PM <sub>2.5</sub>	0.02	0.09
S1-16	Bucket Elevator 2 to Tank Belt Conveyors, Tank Belt Conveyors to Tank 8 Dust Collector Vent	PM	0.02	0.09
		PM <sub>10</sub>	0.02	0.09
		PM <sub>2.5</sub>	0.02	0.09

(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.

Date: February 6, 2018