

Emission Sources - Maximum Allowable Emission Rates

Permit Number 143067L001

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 (9)	
			lbs/hour	TPY (4)
Plant #1				
3	Crusher #1 (5)	PM	0.09	0.07
		PM ₁₀	0.04	0.03
		PM _{2.5}	0.01	0.01
7	Screen #1 (5)	PM	0.17	0.12
		PM ₁₀	0.06	0.04
		PM _{2.5}	<0.01	<0.01
13	Crusher #2 (5)	PM	0.06	0.05
		PM ₁₀	0.03	0.02
		PM _{2.5}	0.01	<0.01
17	Screen #2 (5)	PM	0.12	0.09
		PM ₁₀	0.04	0.03
		PM _{2.5}	<0.01	<0.01
MHFUG1	Plant #1 Material Handling (5) (6)	PM	0.55	0.41
		PM ₁₀	0.18	0.14
		PM _{2.5}	0.05	0.04
Plant #2				
25	Crusher #3 (5)	PM	0.09	0.07
		PM ₁₀	0.04	0.03
		PM _{2.5}	0.01	0.01
29	Screen #3 (5)	PM	0.17	0.12
		PM ₁₀	0.06	0.04
		PM _{2.5}	<0.01	<0.01
35	Crusher #4 (5)	PM	0.06	0.05

Emission Sources - Maximum Allowable Emission Rates

		PM ₁₀	0.03	0.02
		PM _{2.5}	0.01	<0.01
39	Screen #4 (5)	PM	0.12	0.09
		PM ₁₀	0.04	0.03
		PM _{2.5}	<0.01	<0.01
MHFUG2	Plant #2 Material Handling (5) (7)	PM	0.55	0.41
		PM ₁₀	0.18	0.14
		PM _{2.5}	0.05	0.04
Plant #3				
47	Crusher #5 (5)	PM	0.09	0.07
		PM ₁₀	0.04	0.03
		PM _{2.5}	0.01	0.01
51	Screen #5 (5)	PM	0.17	0.12
		PM ₁₀	0.06	0.04
		PM _{2.5}	<0.01	<0.01
57	Crusher #6 (5)	PM	0.06	0.05
		PM ₁₀	0.03	0.02
		PM _{2.5}	0.01	<0.01
61	Screen #6 (5)	PM	0.12	0.09
		PM ₁₀	0.04	0.03
		PM _{2.5}	<0.01	<0.01
MHFUG3	Plant #3 Material Handling (5) (8)	PM	0.55	0.41
		PM ₁₀	0.18	0.14
		PM _{2.5}	0.05	0.04
Site-Wide				
STK	Stockpiles (includes loading/unloading) (5)	PM	-	4.34
		PM ₁₀	-	2.17
		PM _{2.5}	-	0.33

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.

Emission Sources - Maximum Allowable Emission Rates

- (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 PM₁₀ and PM_{2.5}, as represented
 - PM₁₀
 - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
 - PM_{2.5}
 - 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) Includes emissions from EPNs 1, 2, 4-6, 8-12, 14-16, and 18-22.
- (7) Includes emissions from EPNs 23, 24, 26-28, 30-34, 36-38, and 40-44.
- (8) Includes emissions from EPNs 45, 46, 48-50, 52-56, 58-60, and 62-66.
- (9) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

Date: March 1, 2017