

Emission Sources - Maximum Allowable Emission Rates

Permit Number 91854

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)
CRUSH1	Grizzly Screen / Primary Jaw Crusher (5)	PM	0.33	1.28
		PM ₁₀	0.11	0.45
		PM _{2.5}	0.01	0.04
CRUSH2	Secondary Crusher (5)	PM	0.13	0.46
		PM ₁₀	0.06	0.21
		PM _{2.5}	0.01	0.04
LOAD	Hopper Loading (5)	PM	0.01	0.03
		PM ₁₀	<0.01	0.01
		PM _{2.5}	<0.01	<0.01
BINVENT1	Storage Silo Baghouse Stack	PM	0.02	0.09
		PM ₁₀	0.02	0.09
		PM _{2.5}	0.02	0.09
BINVENT2	Storage Silo Baghouse Stack	PM	0.02	0.09
		PM ₁₀	0.02	0.09
		PM _{2.5}	0.02	0.09
BINVENT3	Storage Silo Baghouse Stack	PM	0.02	0.09
		PM ₁₀	0.02	0.09
		PM _{2.5}	0.02	0.09
BINVENT4	Storage Silo Baghouse Stack	PM	0.02	0.09
		PM ₁₀	0.02	0.09
		PM _{2.5}	0.02	0.09

Emission Sources - Maximum Allowable Emission Rates

BINVENT5	Surge Tank Baghouse Stack	PM	0.04	0.19
		PM ₁₀	0.04	0.19
		PM _{2.5}	0.04	0.19
BGHOUSE2	Loadout Baghouse Stack	PM	0.04	0.09
		PM ₁₀	0.04	0.09
		PM _{2.5}	0.04	0.09
BGHOUSE3	Loadout Baghouse Stack	PM	0.04	0.09
		PM ₁₀	0.04	0.09
		PM _{2.5}	0.04	0.09
BGHOUSE4	Loadout Baghouse Stack	PM	0.04	0.09
		PM ₁₀	0.04	0.09
		PM _{2.5}	0.04	0.09
BGHOUSE5	Loadout Baghouse Stack	PM	0.04	0.09
		PM ₁₀	0.04	0.09
		PM _{2.5}	0.04	0.09
BGHOUSE6	Screen and Transfer Control Baghouse Stack (7)	PM	0.03	0.12
		PM ₁₀	0.03	0.12
		PM _{2.5}	0.03	0.12
BGHOUSE7	Screen and Transfer Control Baghouse Stack (7)	PM	0.03	0.12
		PM ₁₀	0.03	0.12
		PM _{2.5}	0.03	0.12
BGHOUSE8	Screen and Transfer Control Baghouse Stack (7)	PM	0.03	0.12
		PM ₁₀	0.03	0.12
		PM _{2.5}	0.03	0.12
BGHOUSE9	Screen and Transfer Control Baghouse Stack (8)	PM	0.03	0.11
		PM ₁₀	0.03	0.11

Emission Sources - Maximum Allowable Emission Rates

		PM _{2.5}	0.03	0.11
BGHOUSE10	Screen and Transfer Control Baghouse Stack (9)	PM	0.03	0.13
		PM ₁₀	0.03	0.13
		PM _{2.5}	0.03	0.13
MHFUG	Material Handling (5), (10)	PM	0.43	1.69
		PM ₁₀	0.16	0.62
		PM _{2.5}	0.05	0.18
DRYER1	Dryer Baghouse Stack	PM	0.81	3.55
		PM ₁₀	0.81	3.55
		PM _{2.5}	0.81	3.55
		NO _x	1.30	5.69
		CO	2.56	11.20
		SO ₂	0.41	1.80
		VOC	0.41	1.80
VAPORIZER	Vaporizer Stack	PM	<0.01	0.01
		PM ₁₀	<0.01	0.01
		PM _{2.5}	<0.01	0.01
		NO _x	0.03	0.11
		CO	0.02	0.07
		SO ₂	<0.01	0.01
		VOC	<0.01	0.01

FUG	Dryer Fuel Fugitive (5)	VOC	0.58	2.54
SPFUG1	Stockpiles (5)	PM	---	0.64
		PM ₁₀	---	0.33
		PM _{2.5}	---	0.09

Emission Sources - Maximum Allowable Emission Rates

- (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 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
 - NO_x
 - total oxides of nitrogen
 - CO
 - carbon monoxide
 - SO₂
 - sulfur dioxide
 - VOC
 - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- (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
- (7) Controls emissions from the Rotex Screens (170 through 173), the Polishing Screen, and Transfer Points designated as FINs TRANSFER11 through TRANSFER16, TRANSFER18, TRANSFER26, TRANSFER29, and five transfer points associated with Screen 175.
- (8) Controls emissions from the Screen 175 and associated transfer points.
- (9) Controls emissions from the Screens 6360-1 and 169 and associated transfer points
- (10) Includes transfer points designated as FINs TRANSFER1 through TRANSFER 4, TRANSFER6 through TRANSFER10, TRANSFER17, TRANSFER19 through TRANSFER24, TRANSFER27, TRANSFER 28, and TRANSFER30 through TRANSFER32.

Date: August 31, 2017