

Emission Sources - Maximum Allowable Emission Rates

Permit Number 49057

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)	
			lb/hour	TPY (4)
FDC-1A	Finish Mill/ Separator Dust Collector	PM	2.40	10.51
		PM ₁₀	2.40	10.51
		PM _{2.5}	2.40	10.51
FDC-2	Hercules Mill Exhaust	PM	0.49	2.14
		PM ₁₀	0.49	2.14
		PM _{2.5}	0.15	0.64
31	Blending Baghouse	PM	0.64	2.78
		PM ₁₀	0.64	2.78
		PM _{2.5}	0.19	0.83
32	Silos South Dust Collector	PM	0.36	1.54
		PM ₁₀	0.36	1.54
		PM _{2.5}	0.11	0.46
33	Silos North Dust Collector	PM	0.32	1.39
		PM ₁₀	0.32	1.39
		PM _{2.5}	0.10	0.42
34	Bulk Tank Top Dust Collector	PM	0.30	1.32
		PM ₁₀	0.30	1.32
		PM _{2.5}	0.09	0.40
37	Bulk Tank Bottom Dust Collector	PM	0.17	0.72
		PM ₁₀	0.17	0.72

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		PM _{2.5}	0.05	0.22
38	Silo Fringe Bin Dust Collector	PM	0.17	0.72
		PM ₁₀	0.17	0.72
		PM _{2.5}	0.05	0.22
CWM	Clay Wash Mill	PM	0.08	0.27
		PM ₁₀	0.01	0.03
		PM _{2.5}	0.01	0.03
66	Cooling Tower (3-cells)	PM	0.72	3.15
		PM ₁₀	0.72	3.15
		PM _{2.5}	0.72	3.15
F-42	Raw Material Building	PM	2.03	8.89
		PM ₁₀	2.03	8.89
		PM _{2.5}	0.61	2.67
F-45	Finish Mill Roof Vent	PM	1.58	6.07
		PM ₁₀	1.58	6.07
		PM _{2.5}	0.47	1.82
F-41	Material Handling Drop Points	PM	34.00	2.00
		PM ₁₀	16.10	0.94
		PM _{2.5}	10.20	0.60
F-47	Stockpile Emissions (5)	PM	---	13.00
		PM ₁₀	---	6.50
		PM _{2.5}	---	3.90
F-60-D	Diesel Fuel Storage Tank (6)	VOC	0.30	0.01
F-60-G	Gasoline Storage Tank (6)	VOC	13.00	1.25
F-60-FO	Fuel Oil Storage Tank (6)	VOC	0.75	0.05

- (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) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- PM - total particulate matter, suspended in the atmosphere, including PM₁₀.
- PM₁₀ - total particulate matter equal to or less than 10 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 maintenance emissions for tanks are within normal operation emission limits.

Date: February 22, 2019