

Emission Sources - Maximum Allowable Emission Rates

Permit Number 73611

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)
F01-A	Truck Receiving Pit No. 1	PM	1.82	0.52
		PM ₁₀ /PM _{2.5}	0.27	0.08
F01-B	Truck Receiving Pit No. 2	PM	1.70	0.52
		PM ₁₀ /PM _{2.5}	0.25	0.08
	Total Receiving Operations (F01-A and F01-B)	PM	--	0.52
		PM ₁₀ /PM _{2.5}	--	0.08
27	Elevator A Leg Suction Cyclone	PM	1.62	0.19
		PM ₁₀	0.90	0.10
		PM _{2.5}	0.15	0.02
01	Elevator B Leg Suction Cyclone	PM	1.45	0.19
		PM ₁₀	0.81	0.10
		PM _{2.5}	0.14	0.02
02	Elevator C Leg Suction Cyclone	PM	2.56	0.19
		PM ₁₀	1.43	0.10
		PM _{2.5}	0.24	0.02
	Total Elevator Handling Operations (27, 01, and 02)	PM	--	0.19
		PM ₁₀	--	0.10
		PM _{2.5}	--	0.02
03	Elevator C Grain Cleaner Cyclone	PM	3.75	2.31
		PM ₁₀	0.95	0.59

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		PM _{2.5}	0.16	0.10
04	General Suction Baghouse Stack	PM/PM ₁₀ /PM _{2.5}	1.10	3.73
28A	Elevator C Screenings Aspirator Cyclone No. 1	PM	0.13	0.04
		PM ₁₀ /PM _{2.5}	0.07	0.02
28B	Elevator C Screenings Aspirator Cyclone No. 2	PM	0.13	0.04
		PM ₁₀ /PM _{2.5}	0.07	0.02
10	Grits Operations Fabric Filter Vent	PM/PM ₁₀ /PM _{2.5}	0.52	1.76
12	Warehouse Loadout Hammermill Fabric Filter Vent	PM/PM ₁₀ /PM _{2.5}	0.16	0.55
13	420 Grind System Fabric Filter Vent	PM/PM ₁₀ /PM _{2.5}	0.26	0.87
14	Cooker Exhaust Suction Cyclone	PM/PM ₁₀ /PM _{2.5}	0.19	0.63
16	Cooking Dept. Suction Fabric Filter Vent	PM/PM ₁₀ /PM _{2.5}	0.11	0.25
26	Feed/Screenings Hammermill Fabric Filter Vent	PM/PM ₁₀ /PM _{2.5}	0.07	0.12
30	East End Packer Fabric Filter Vent	PM/PM ₁₀ /PM _{2.5}	0.24	0.11
35	East End Product Receiver Fabric Filter Vent	PM/PM ₁₀ /PM _{2.5}	0.24	0.11
33	Bulk Acid Storage Tank Scrubber Stack	HCl	<0.01	<0.01
36	Mill Central Vacuum Fabric Filter Vent	PM/PM ₁₀ /PM _{2.5}	0.01	0.04
37	Warehouse Suction Fabric Filter Stack	PM/PM ₁₀ /PM _{2.5}	0.24	0.83
38	Cooler Fabric Filters	PM/PM ₁₀ /PM _{2.5}	0.10	0.35

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	Vent			
39	East End Recycle Hopper Fabric Filter Vent	PM/PM ₁₀ /PM _{2.5}	<0.01	<0.01
F02-A	Feed Loadout No. 1	PM	0.17	0.03
		PM ₁₀ /PM _{2.5}	0.04	0.01
F02-B	Feed Loadout No. 2	PM	0.17	0.03
		PM ₁₀ /PM _{2.5}	0.04	0.01
	Total Feed Loadout Operations (F02-A and F02-B)	PM	--	0.03
		PM ₁₀ /PM _{2.5}	--	0.01
F03	Bulk Product Loadout Sock Filter	PM/PM ₁₀ /PM _{2.5}	0.03	0.09
F05	Milo Loadout No. 2 - Elevator A	PM	0.41	0.02
		PM ₁₀ /PM _{2.5}	0.10	<0.01
32	Boiler	PM/PM ₁₀ /PM _{2.5}	0.10	0.34
		SO ₂	0.01	0.03
		NO _x	1.31	4.45
		CO	1.10	3.74
		VOC	0.07	0.24

- (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 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
 - SO₂ - sulfur dioxide
 - NO_x - total oxides of nitrogen
 - CO - carbon monoxide
 - VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
 - HCl - hydrogen chloride
- (4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.

Dated December 7, 2011