

Emission Sources - Maximum Allowable Emission Rates

Permit Number 40853

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)
9	Truck Receiving Pit (5)	PM	4.76	--
		PM ₁₀	0.70	--
		PM _{2.5}	0.35	--
7	Railcar Receiving Pit No. 1 (5)	PM	1.28	--
		PM ₁₀	0.31	--
		PM _{2.5}	0.05	--
8	Railcar Receiving Pit No. 2 (5)	PM	1.28	--
		PM ₁₀	0.31	--
		PM _{2.5}	0.05	--
	Total Annual Receiving Operations (5)	PM	--	5.10
		PM ₁₀	--	0.75
		PM _{2.5}	--	0.38
2	Receiving Elevator Bagfilter Stack	PM	0.41	0.18
		PM ₁₀	0.23	0.10
		PM _{2.5}	0.04	0.02
11	Mash Elevator Leg Bagfilter Stack	PM	0.06	0.16
		PM ₁₀	0.03	0.09
		PM _{2.5}	0.01	0.02
13	Salt Bin Bagfilter Stack	PM	0.04	0.01
		PM ₁₀	0.04	0.01
		PM _{2.5}	0.04	0.01
14	Fine Limestone Bin Bagfilter Stack	PM	0.04	0.01
		PM ₁₀	0.04	0.01
14	Fine Limestone Bin	PM _{2.5}	0.04	0.01

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	Bagfilter Stack			
15	Phosphate Bin Bagfilter Stack	PM	0.04	0.01
		PM ₁₀	0.04	0.01
		PM _{2.5}	0.04	0.01
16	Coarse Limestone Bin Bagfilter Stack	PM	0.04	0.01
		PM ₁₀	0.04	0.01
		PM _{2.5}	0.04	0.01
4	Hammermill System Bagfilter Stack	PM	0.72	3.12
		PM ₁₀	0.72	3.12
		PM _{2.5}	0.72	3.12
5	Pellet Cooler System #1 Cyclone Stack	PM	0.78	1.83
		PM ₁₀	0.11	0.25
		PM _{2.5}	0.11	0.25
6	Pellet Cooler System #2 Cyclone Stack	PM	0.78	1.83
		PM ₁₀	0.11	0.25
		PM _{2.5}	0.11	0.25
10	Truck Loadout (5)	PM	1.32	0.86
		PM ₁₀	0.32	0.21
		PM _{2.5}	0.16	0.10
17	15.0 MMBtu Boiler Stack	PM	0.11	0.49
		PM ₁₀	0.11	0.49
		PM _{2.5}	0.11	0.49
		SO ₂	0.01	0.04
		NO _x	1.47	6.44
		CO	1.24	5.41
		VOC	0.08	0.35

- (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) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
- Project Number: 251016

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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

CO - carbon monoxide

(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.

Date: November 15, 2016