Emission Sources - Maximum Allowable Emission Rates

Permit Number 109843

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)	
			lbs/hour	TPY (4)
101	Boiler #1 (Natural Gas Fired with Fuel Oil Alternative)	PM	0.37	1.62
		PM_{10}	0.37	1.62
		$PM_{2.5}$	0.37	1.62
		VOC	0.09	0.40
		NO_X	2.39	10.47
		CO	1.40	6.16
		SO_2	0.85	3.72
102	Boiler #2 (Natural Gas Fired with Fuel Oil Alternative)	PM	0.37	1.62
		PM_{10}	0.37	1.62
		$PM_{2.5}$	0.37	1.62
		VOC	0.09	0.40
		NO_X	2.39	10.47
		CO	1.40	6.16
		SO_2	0.85	3.72
200	Truck Receiving Fugitives	PM	5.40	1.40
		PM_{10}	1.77	0.46
		$PM_{2.5}$	0.30	0.08
201	Truck Receiving Pit Baghouse Stack	PM	1.03	0.27
		PM_{10}	1.03	0.27
		$PM_{2.5}$	0.17	0.05

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210	Rail Receiving System	PM	3.84	1.35
		PM_{10}	0.94	0.33
		$PM_{2.5}$	0.16	0.05
300	Whole Grain Sil0s Baghouse Stack	PM	0.17	0.05
		PM_{10}	0.17	0.05
		$PM_{2.5}$	0.03	0.01
310-311	Soy Storage Silos Bin Vent	PM	28.00	2.60
		PM_{10}	7.06	0.66
		$PM_{2.5}$	1.23	0.11
320	Receiving Turnhead Baghouse Stack	PM	0.19	0.10
		PM_{10}	0.19	0.10
		$PM_{2.5}$	0.03	0.02
405	Pneumatic Receiving Sytem Baghouse Stack #1	PM	0.10	0.02
		PM_{10}	0.10	0.02
		$PM_{2.5}$	0.02	<0.01
406	Pneumatic Receiving System Baghouse Stack #2	PM	0.10	0.02
		PM_{10}	0.10	0.02
		$PM_{2.5}$	0.02	<0.01
407	Pneumatic Receiving System Baghouse Stack #3	PM	0.10	0.02
		PM_{10}	0.10	0.02
		$PM_{2.5}$	0.02	<0.01
501	Hammermill Baghouse Stack #1	PM	1.20	4.20
		PM_{10}	1.20	4.20

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		$PM_{2.5}$	0.20	0.71
502	Hammermill Baghouse Stack #2	PM	0.60	2.10
		PM_{10}	0.60	2.10
		$PM_{2.5}$	0.10	0.36
521	Ground Grain Storage Baghouse Stack	PM	0.17	0.62
		PM_{10}	0.17	0.62
		$PM_{2.5}$	0.03	0.10
555	Pellet Cooler Cyclone #1	PM	<0.01	--
		PM_{10}	<0.01	--
		$PM_{2.5}$	<0.01	--
655	Pellet Cooler Cyclone #2	PM	<0.01	--
		PM_{10}	<0.01	--
		$PM_{2.5}$	<0.01	--
555/655	Pellet Cooler Cyclone #1 and #2 Total Annual Emissions	PM	--	0.01
		PM_{10}	--	0.01
		$PM_{2.5}$	--	<0.01
785	Truck Loadout #1	PM	9.72	--
		PM_{10}	0.79	--
		$PM_{2.5}$	0.13	--
786	Truck Loadout #2	PM	9.72	--
		PM_{10}	0.79	--
		$PM_{2.5}$	0.13	--
785/786	Combined Annual Truck Loadout #1	PM	--	15.16

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		PM_{10}	--	1.24
		$PM_{2.5}$	--	0.21

(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
SO_2 - sulfur dioxide
PM - total particulate matter, suspended in the atmosphere, including PM_{10} and $PM_{2.5}$, as represented
PM_{10} - 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) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

Dated: _____