Emission Sources - Maximum Allowable Emission Rates

Permit Number 37806

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)
RECCONV	Truck Receiving Pit/Conveyor Belt (5)	PM	0.14	0.09
		PM_{10}	0.02	0.01
		$PM_{2.5}$	<0.01	<0.01
2	Boiler Stack	PM	0.12	0.54
		PM_{10}	0.12	0.54
		$PM_{2.5}$	0.12	0.54
		SO_2	0.01	0.05
		NO_x	0.86	3.75
		CO	1.35	5.90
		VOC	0.05	0.21
B	Truck Loadout Connector (5)	PM	0.02	0.04
		PM_{10}	0.02	0.04
		$PM_{2.5}$	0.02	0.04
1	Corn Receiving System Baghouse Filter Stack (Conveying, Day Use Silos)	PM	0.38	1.65
		PM_{10}	0.38	1.65
		$PM_{2.5}$	0.38	1.65
3	Drying Circuit No. 1 Cyclone No. 1 Stack	PM	5.17	22.65
		PM_{10}	5.17	22.65
		$PM_{2.5}$	5.17	22.65
		SO_2	0.01	0.02
		NO_x	0.88	3.86
		CO	0.74	3.25
		VOC	0.05	0.21

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4	Drying Circuit No. 1 Cyclone No. 2 Stack	PM	5.17	22.65
		PM_{10}	5.17	22.65
		$PM_{2.5}$	5.17	22.65
		SO_2	0.01	0.02
		NO_x	0.88	3.86
		CO	0.74	3.25
		VOC	0.05	0.21
5	Drying Circuit No. 2 Cyclone No. 1 Stack	PM	5.17	22.65
		PM_{10}	5.17	22.65
		$PM_{2.5}$	5.17	22.65
		SO_2	0.01	0.02
		NO_x	0.88	3.86
		CO	0.74	3.25
		VOC	0.05	0.21
6	Drying Circuit No. 2 Cyclone No. 2 Stack	PM	5.17	22.65
		PM_{10}	5.17	22.65
		$PM_{2.5}$	5.17	22.65
		SO_2	0.01	0.02
		NO_x	0.88	3.86
		CO	0.74	3.25
		VOC	0.05	0.21
7	Baghouse Filter System Stack (6 Hammermill Lift Fans)	PM	3.43	15.03
		PM_{10}	3.43	15.03
		$PM_{2.5}$	3.43	15.03
8	Pneumatic Conveying System Baghouse Stack (Pneumatic Lift Fan System for Drier Cooling to Process)	PM	1.40	6.14
		PM_{10}	1.40	6.14
		$PM_{2.5}$	1.40	6.14
9	Baghouse Filter System Stack (Flour/Additive Storage, Mix Auger, Flour Transfer System, Grits	PM	0.93	4.05
		PM_{10}	0.93	4.05

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		PM$_{2.5}$	0.93	4.05
BLDGEXHST	Building Baghouse Exhaust Fugitives (Internal Aspiration and Truck Bulk Loadout Baghouse Filters 10, 13, 14, 15, 16, 18, 19)	PM	0.06	0.24
		PM$_{10}$	0.06	0.24
		PM$_{2.5}$	0.06	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.
(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) 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: October 7, 2016