Emission Sources - Maximum Allowable Emission Rates

Permit Number 1709

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)
P1	Truck Receiving Pit P1 (6)	PM	3.33	0.46
		PM_{10}	0.49	0.07
		$PM_{2.5}$	0.08	0.01
P2	Truck Receiving Pit P2 (6)	PM	3.33	0.46
		PM_{10}	0.49	0.07
		$PM_{2.5}$	0.08	0.01
	Total Receiving Operations	PM	--	0.46
		PM_{10}	--	0.07
		$PM_{2.5}$	--	0.01
PA-1	Portable Auger PA-1 (6)	PM	14.45	0.52
		PM_{10}	4.87	0.17
		$PM_{2.5}$	0.82	0.03
D1	Dryer D1 Vent	PM	26.55	6.21
		PM_{10}	6.75	1.75
		$PM_{2.5}$	1.27	0.52
		SO_2	<0.01	0.02
		NO_X	2.00	3.53
		CO	1.68	2.96
		VOC	0.11	0.19

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D2	Dryer D2 Vent	PM	39.81	6.21
		PM_{10}	10.11	1.75
		$PM_{2.5}$	1.88	0.52
		SO_2	0.02	0.02
		NO_X	2.70	3.53
		CO	2.27	2.96
		VOC	0.15	0.19
	Total Annual Drying Operations	PM	--	6.21
		PM_{10}	--	1.75
		$PM_{2.5}$	--	0.52
		SO_2	--	0.02
		NO_X	--	3.53
		CO	--	2.96
		VOC	--	0.19
L1	Truck Loadout Tank L1 (6)	PM	16.86	2.32
		PM_{10}	5.68	0.78
		$PM_{2.5}$	0.96	0.13
L2	Truck Loadout Tank L2 (6)	PM	16.86	2.32
		PM_{10}	5.68	0.78
		$PM_{2.5}$	0.96	0.13
L3	Truck Loadout South L3 (6)	PM	16.86	2.32
		PM_{10}	5.68	0.78
		$PM_{2.5}$	0.96	0.13
L4	Railcar Loadout L4 (6)	PM	5.29	2.32
		PM_{10}	0.43	0.78

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		PM$_{2.5}$	0.07	0.13
L5	Railcar Loadout L5 (6)	PM	5.29	2.32
		PM$_{10}$	0.43	0.78
		PM$_{2.5}$	0.07	0.13
	Total Annual Loadout Operations	PM	--	2.32
		PM$_{10}$	--	0.78
		PM$_{2.5}$	--	0.13

(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)   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
        VOC   -   volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
        NO$_X$ -   total oxides of nitrogen
        CO   -   carbon monoxide
        SO$_2$ -   sulfur dioxide
(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.
(6)   Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

Date: March 30, 2015