Emission Sources - Maximum Allowable Emission Rates

Permit Number 4439

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)
1	Unloading	PM	44.55	1.13
		PM_{10}	22.28	0.57
2	Loading	PM	22.28	0.56
		PM_{10}	11.14	0.28
3	Drying	PM	6.75	0.54
		PM_{10}	3.38	0.27
4	Cleaning	PM	20.25	1.62
		PM_{10}	10.13	0.81
5	Baghouse	PM_{10}	0.34	0.17
6	Dryers 1 -3	PM_{10}	0.42	0.21
		CO	2.91	1.46
		NO_x	11.58	5.79
		SO_2	0.06	0.03
		VOC	0.48	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) CO - carbon monoxide
NO_x - total oxides of nitrogen
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
SO_2 - sulfur dioxide
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
(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.

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Emission rates are based on and the facilities are limited to a maximum grain processing rate of 225 tons per hour and 45,000 tons per year.

Date: October 30, 2012