Emission Sources - Maximum Allowable Emission Rates

Permit Number 5764

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 (8) *	
			lbs/hour	TPY
F1	Silo Baghouse Vents (5)	PM_{10}	0.16	0.10
F2	Central Baghouse Vent (6)	PM_{10}	0.51	0.21
F3	Weigh Hopper Baghouse Vent (7)	PM	<0.01	<0.01
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
MHFUG	Material Handling (4)	PM	1.02	1.27
		PM_{10}	0.46	0.58
SPFUG	Stockpiles (4)	PM	--	1.85
		PM_{10}	--	0.92

(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
(4) Fugitive emissions are an estimate only.
(5) There are four total baghouses for the silos. There are three storage silos, one of which is a split silo, and they are all equipped with individual baghouses.
(6) The truck drop is vented to the central baghouse.
(7) The weigh hopper is vented to an individual baghouse.
(8) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

12 Hrs/day 5 Days/week 50 Weeks/year 3,000 Hrs/year

Maximum Hourly Production: 200 Cubic yards/hour

Maximum Annual Production: 499,200 Cubic yards/year

Date: September 23, 2013