EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 40323

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. 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 * lb/hr	TPY
1-5	Drop Points (4)	PM	1.72	3.44
		PM_{10}	0.83	1.66
6	Truck Loading Fugitives (4)(5)	PM	2.31	4.62
		PM_{10}	0.65	1.29
7	Central Baghouse (6)	PM_{10}	0.56	1.11
STK	Stockpiles (4)(7)	PM	---	1.20
		PM_{10}	---	0.60
8	523 Horsepower Caterpillar Engine	PM	1.34	2.68
		PM_{10}	1.34	2.68
		NO_x	9.42	18.84
		CO	4.62	9.24
		SO_2	1.07	2.14
		VOC	0.15	0.30

(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) NO_x - total oxides of nitrogen
CO - carbon monoxide
SO_2 - sulfur dioxide
VOC - volatile organic compounds as defined in 30 Texas Administrative Code 101.1
PM - particulate matter, suspended in the atmosphere, including PM_{10}.
PM_{10} - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.
(4) Fugitive emissions are an estimate only.

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(5) Emissions based on a 93.1 percent capture efficiency for the suction shroud.
(6) Sources being vented include the cement silo, the weigh hopper, and the truck drop point.
(7) Emissions based on 1 acre of active stockpiles.

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

18 Hrs/day 7 Days/week 52 Weeks/year or 4,000 Hrs/year

Maximum Production: 120 Cubic yards/hour and 480,000 Cubic yards/year

Dated August 31, 2009