

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Numbers 8996 and PSDTX454M3

This table lists the maximum allowable emission rates and all sources of air contaminants on the applicant's property covered by this permit. The emissions 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)	<u>Emission Rates</u>	
			lb/hr	TPY**
7*, 62*	Kiln Lines 1 and 2 Combined	CO	3,878	7,113
		NO <sub>x</sub> (non-ozone season)	--	2310.3 (5)
		NO <sub>x</sub> (ozone season)	--	1134.2 (6)
		NO <sub>x</sub> (annual)	--	3444.5
		PM/PM <sub>10</sub> (filterable)	55	243
		PM/PM <sub>10</sub> (condensable)	706	205
		PM/PM <sub>10</sub> (total)	761	448
		SO <sub>2</sub> (1-hour)	5,200	--
		SO <sub>2</sub> (3-hour)	4,600	--
		SO <sub>2</sub> (24-hour)	3,800	--
		SO <sub>2</sub> (annual)	--	3,538
		TRS	30	36.6
		H <sub>2</sub> SO <sub>4</sub>	360	41
		VOC	584	875
		Speciated Compounds	79	302
	Plantwide Annual Emission Limits	PM (filterable)	--	517
		PM <sub>10</sub> (filterable)	--	476
		PM (total)	--	723
		PM <sub>10</sub> (total)	--	682
	Other PM/PM <sub>10</sub>	PM (total) Sources (4)	77	--
	Short-Term Emission Limits	PM <sub>10</sub> (total)	66	--

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- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names. For fugitive sources, use an area name or fugitive source name.
- (3)

CO	- carbon monoxide
NO <sub>x</sub>	- total oxides of nitrogen, collectively expressed (calculated) as nitrogen dioxide
PM	- particulate matter, suspended in the atmosphere, including PM <sub>10</sub>
PM <sub>10</sub>	- particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.
SO <sub>2</sub>	- sulfur dioxide
TRS	- total reduced sulfur
H <sub>2</sub> SO <sub>4</sub>	- sulfuric acid
VOC	- volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
Speciated Compounds	- see Attachment II
- (4) Other PM/PM<sub>10</sub> Sources - except kiln stacks, includes all dust collectors and fugitive sources.
- (5) Emission rate limit only applicable from November 1 through March 31.
- (6) Emission rate limit only applicable from April 1 through October 31.

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

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

\*\* Compliance with annual emission and production limits is based on a rolling 12-month period.

Maximum Allowable Production Rate: 2.67 million short tons per year of clinker

Dated November 3, 2009