

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permits Numbers 9399 and PSD-TX-624

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**
39WP-K	Kiln	PM	57.0	226.0
		PM <sub>10</sub>	51.3	220.0
		VOC	9.0	38.0
		NO <sub>x</sub> (5)	325.0	1287.0
		SO <sub>2</sub>	645.0	1700.0
		CO	75.0	329.0
		HCl	2.27	9.95
		H <sub>2</sub> SO <sub>4</sub>	25.0	110.0
60WP-CCT	Coke Conveyor Dust Collector Vent	PM	0.16	0.71
		PM <sub>10</sub>	0.16	0.71
61WP-CSV	Coke Silo Dust Collector Vent	PM	0.1	0.44
		PM <sub>10</sub>	0.1	0.44
77	Flexi-Coke Silo Vent	PM	0.2	0.8
		PM <sub>10</sub>	0.4	
51WP-CC	Clinker Cooler ESP Stack	PM	4.2	16.6
		PM <sub>10</sub>	2.1	8.3
F-62	Coke Storage Areas (4)	PM	-	4.3

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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 area name or fugitive source name.
- (3) 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.  
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1  
NO<sub>x</sub> - total oxides of nitrogen  
SO<sub>2</sub> - sulfur dioxide  
CO - carbon monoxide  
HCl - hydrogen chloride  
H<sub>2</sub>SO<sub>4</sub> - sulfuric acid
- (4) Fugitive emissions are an estimate only.
- (5) Compliance will be based on a 30-day rolling average.

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

Hrs/day \_\_\_\_ Days/week \_\_\_\_ Weeks/year \_\_\_\_ Hrs/year 8,760

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

Dated October 31, 2003