

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 79808

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.

CONTAMINANTS DATA			AIR	
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates</u>	
	TPY			lb/hr
SILO00021	Cement Silo No. 1 Dust Collector	PM	0.02	0.11
		PM <sub>10</sub>	0.01	0.04
BLDGFUG	Building Fugitives (4)	VOC	4.08	5.66
		PM	3.05	13.33
		PM <sub>10</sub>	0.84	3.66
SANDFUG	Outside Sand Fugitives (4)	PM	0.87	1.97
		PM <sub>10</sub>	0.41	0.92
PIGSFUG	Sand Pigs (4)	PM	1.26	5.52
		PM <sub>10</sub>	0.81	3.53
DC-SILO1	Sand Silo 1 Dust Collector	PM <sub>10</sub>	0.09	0.39
BOIL0001	Line 1 Firetube Boiler	NO <sub>x</sub>	3.20	14.02
		CO	2.69	11.78
		SO <sub>2</sub>	0.02	0.09
		VOC	0.18	0.79
		PM <sub>10</sub>	0.24	1.05
DC-SILO2	Sand Silo 2 Dust Collector	PM <sub>10</sub>	0.09	0.39
BOIL0002	Line 2 Firetube Boiler	NO <sub>x</sub>	3.60	15.77
		CO	3.02	13.23
		SO <sub>2</sub>	0.02	0.09
		VOC	0.20	0.88

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			PM <sub>10</sub>	0.27	1.18
OVEN0001	Line 1 Radiant Preheater	CO	NO <sub>x</sub>	0.54	2.37
			0.45	1.97	
			SO <sub>2</sub>	<0.01	0.01
			VOC	0.03	0.13
			PM <sub>10</sub>	0.04	0.18
OVEN0002	Line 1 Gas Furnace Dryer	CO	NO <sub>x</sub>	0.54	2.37
			0.45	1.97	
			SO <sub>2</sub>	<0.01	0.01
			VOC	0.03	0.13
			PM <sub>10</sub>	0.04	0.18
OVEN0003	Line 2 Radiant Preheater	CO	NO <sub>x</sub>	0.54	2.37
			0.45	1.97	
			SO <sub>2</sub>	<0.01	0.01
			VOC	0.03	0.13
			PM <sub>10</sub>	0.04	0.18
OVEN0004	Line 2 Gas Furnace Dryer	CO	NO <sub>x</sub>	0.54	2.37
			0.45	1.97	
			SO <sub>2</sub>	<0.01	0.01
			VOC	0.03	0.13
			PM <sub>10</sub>	0.04	0.18
DC-CL1	Finishing Line No. 1 Dust Collector		PM <sub>10</sub>	1.59	6.96
DC-CL2	Finishing Line No. 2 Dust Collector		PM <sub>10</sub>	4.44	19.45
DC-SOFF	Soffit Line Dust Collector		PM <sub>10</sub>	1.59	6.96

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All Emission Points	All Sources	Individual HAPS	<10.00
		All HAPS	<25.00

- (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 suspended particulates, including PM<sub>10</sub>
  - PM<sub>10</sub> - particulate matter less than 10 microns in diameter
  - 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
  - HAP - hazardous air pollutant as identified in Title 40 Code of Federal Regulations Part 63, Subpart C.
- (4) Fugitive emissions are an estimate only.

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

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

Dated August 24, 2007