

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 83067

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 (7)	
			lbs/hour	TPY (4)
Block Plant Emissions				
1BP & 2BP	Truck Hopper Drops (5)	PM	0.01	0.03
		PM <sub>10</sub>	< 0.01	0.01
		PM <sub>2.5</sub>	< 0.01	< 0.01
3BP - 11BP	Building Fugitives (5, 6)	PM	0.03	0.12
		PM <sub>10</sub>	0.01	0.04
		PM <sub>2.5</sub>	< 0.01	0.01
12BP	Cement Silo 1 Filter Stack	PM	< 0.01	0.01
		PM <sub>10</sub>	< 0.01	< 0.01
		PM <sub>2.5</sub>	< 0.01	< 0.01
13BP	Cement Silo 2 Filter Stack	PM	< 0.01	0.01
		PM <sub>10</sub>	< 0.01	< 0.01
		PM <sub>2.5</sub>	< 0.01	< 0.01
14BP	Cement Silo 3 Filter Stack	PM	< 0.01	0.01
		PM <sub>10</sub>	< 0.01	< 0.01
		PM <sub>2.5</sub>	< 0.01	< 0.01
Crushing Plant Emissions				
1CP, 4CP-7CP	Material Handling Fugitives (5)	PM	< 0.01	0.01
		PM <sub>10</sub>	< 0.01	< 0.01
		PM <sub>2.5</sub>	< 0.01	< 0.01

Emission Sources - Maximum Allowable Emission Rates

2CP	Building Fugitives - Hammer Mill Crusher (5)	PM	< 0.01	0.01
		PM <sub>10</sub>	< 0.01	< 0.01
		PM <sub>2.5</sub>	< 0.01	< 0.01
3CP	Material Screen (5)	PM	0.01	0.02
		PM <sub>10</sub>	< 0.01	< 0.01
		PM <sub>2.5</sub>	< 0.01	< 0.01
8CP	Building Fugitives - Impact Crusher (5)	PM	< 0.01	0.01
		PM <sub>10</sub>	< 0.01	< 0.01
		PM <sub>2.5</sub>	< 0.01	< 0.01
Concrete Sacking Line - Phase One Operations				
1SL - 5SL	Wet Material Handling Fugitives (5)	PM	< 0.01	< 0.01
		PM <sub>10</sub>	< 0.01	< 0.01
		PM <sub>2.5</sub>	< 0.01	< 0.01
6SL-18SL	Dry Material Fugitives (5)	PM	0.04	0.04
		PM <sub>10</sub>	0.01	0.01
		PM <sub>2.5</sub>	< 0.01	< 0.01
19SL	Sack Filling Fugitives (5)	PM	0.01	0.01
		PM <sub>10</sub>	< 0.01	< 0.01
		PM <sub>2.5</sub>	< 0.01	< 0.01
20SL	Cement Silo 4 Filter Stack	PM	< 0.01	< 0.01
		PM <sub>10</sub>	< 0.01	< 0.01
		PM <sub>2.5</sub>	< 0.01	< 0.01
21SL	Cement Silo 5 Filter Stack	PM	< 0.01	< 0.01

Emission Sources - Maximum Allowable Emission Rates

		PM <sub>10</sub>	< 0.01	< 0.01
		PM <sub>2.5</sub>	< 0.01	< 0.01
22SL	Rotary Dryer Stack	PM	10.03	10.03
		PM <sub>10</sub>	5.03	5.03
		PM <sub>2.5</sub>	0.56	0.56
		NO <sub>x</sub>	0.49	0.49
		CO	0.41	0.41
		SO <sub>2</sub>	< 0.01	< 0.01
		VOC	0.03	0.03
Concrete Sacking Line - Phase Two Operations				
1SL - 5SL	Wet Material Handling Fugitives (5)	PM	< 0.01	0.01
		PM <sub>10</sub>	< 0.01	< 0.01
		PM <sub>2.5</sub>	< 0.01	< 0.01
6SL-18SL	Dry Material Fugitives (5)	PM	0.13	0.87
		PM <sub>10</sub>	0.04	0.24
		PM <sub>2.5</sub>	0.01	0.04
19SL	Sack Filling Fugitives (5)	PM	0.02	0.23
		PM <sub>10</sub>	< 0.01	0.06
		PM <sub>2.5</sub>	< 0.01	0.01
20SL	Cement Silo 4 Filter Stack	PM	< 0.01	< 0.01
		PM <sub>10</sub>	< 0.01	< 0.01
		PM <sub>2.5</sub>	< 0.01	< 0.01
21SL	Cement Silo 5 Filter Stack	PM	< 0.01	< 0.01
		PM <sub>10</sub>	< 0.01	< 0.01
		PM <sub>2.5</sub>	< 0.01	< 0.01

Emission Sources - Maximum Allowable Emission Rates

22SL	Rotary Dryer Stack	PM	0.20	0.49
		PM <sub>10</sub>	0.20	0.49
		PM <sub>2.5</sub>	0.20	0.49
		NO <sub>x</sub>	0.49	1.23
		CO	0.41	1.03
		SO <sub>2</sub>	< 0.01	0.01
		VOC	0.03	0.07
Stockpiles				
STK	Stockpiles (5)	PM	-.--	0.28
		PM <sub>10</sub>	-.--	0.14
		PM <sub>2.5</sub>	-.--	0.02

- (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<sub>10</sub> and PM<sub>2.5</sub>, as represented
  - PM<sub>10</sub> - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>, as represented
  - PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter
  - NO<sub>x</sub> - total oxides of nitrogen
  - CO - carbon monoxide
  - SO<sub>2</sub> - sulfur dioxide
  - VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- (4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.

- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (6) Includes emissions from the central dust collector. The central dust collector is used to control emissions from the following EPNs associated with the concrete sacking line: EPN 6SL through 19SL.
- (7) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

Date: January 10, 2013