

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 6428

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 (6)	
			lbs/hour	TPY (4)
F1	Stockpiles (5)	PM	-.--	0.36
		PM <sub>10</sub>	-.--	0.18
		PM <sub>2.5</sub>	-.--	0.03
F2	Material Handling (Aggregate/Sand Conveyors) (5)	PM	0.62	0.56
		PM <sub>10</sub>	0.10	0.12
		PM <sub>2.5</sub>	0.03	0.03
F9	Hopper No. 1 Baghouse Stack	PM	0.07	0.21
		PM <sub>10</sub>	0.07	0.21
		PM <sub>2.5</sub>	0.07	0.21
F10	Silo No. 3 Baghouse Stack (Cement)	PM	0.07	0.11
		PM <sub>10</sub>	0.07	0.11
		PM <sub>2.5</sub>	0.07	0.11
F11	Silo No. 4 Baghouse Stack (Cement)	PM	0.07	0.11
		PM <sub>10</sub>	0.07	0.11
		PM <sub>2.5</sub>	0.07	0.11
F12	Silo No. 5 Baghouse Stack (Cement)	PM	0.07	0.11
		PM <sub>10</sub>	0.07	0.11
		PM <sub>2.5</sub>	0.07	0.11
F13	Hopper No. 2 Baghouse Stack (Mixer)	PM	0.43	1.34
		PM <sub>10</sub>	0.43	1.34
		PM <sub>2.5</sub>	0.43	1.34
F14	Silo No. 1 Baghouse Stack	PM	0.07	0.11

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		PM <sub>10</sub>	0.07	0.11
		PM <sub>2.5</sub>	0.07	0.11
F15	Silo No. 2 Baghouse Stack (Cement)	PM	0.07	0.11
		PM <sub>10</sub>	0.07	0.11
		PM <sub>2.5</sub>	0.07	0.11
F16	Plant No. 1 Steam Generator (7)	PM	0.04	0.12
		PM <sub>10</sub>	0.04	0.12
		PM <sub>2.5</sub>	0.04	0.12
		VOC	0.03	0.08
		SO <sub>2</sub>	0.01	0.01
		NO <sub>x</sub>	0.49	1.53
		CO	0.41	1.28
F17	Plant No. 2 Steam Generator (8)	PM	0.02	0.07
		PM <sub>10</sub>	0.02	0.07
		PM <sub>2.5</sub>	0.02	0.07
		VOC	0.02	0.05
		SO <sub>2</sub>	0.01	0.01
		NO <sub>x</sub>	0.31	0.96
		CO	0.26	0.81
F53	Manufacturing Building Baghouse (Mixer/Hopper)	PM	0.01	0.02
		PM <sub>10</sub>	0.01	0.02
		PM <sub>2.5</sub>	0.01	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) 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
- 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
- CO - carbon monoxide

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- (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) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.
- (7) Includes three stacks (F16a, F16b and F16c)
- (8) Includes five identical boilers with two stacks each (F17a through F17j)

Date: May 20, 2016