

Emission Sources - Maximum Allowable Emission Rates

Permit Number 604A

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	
			lbs/hour	TPY (4)
14	Kiln 2 Baghouse Stack	PM	0.93	4.05
		PM ₁₀	0.93	4.05
		PM _{2.5}	0.70	3.08
		SO ₂	0.24	1.06
		NO _x	1.62	7.08
		CO	1.36	5.95
		VOC	0.09	0.39
		FI	0.20	0.88
27	Kiln 1 Baghouse Stack	PM	0.93	4.05
		PM ₁₀	0.93	4.05
		PM _{2.5}	0.70	3.08
		SO ₂	0.24	1.06
		NO _x	1.62	7.08
		CO	1.36	5.95
		VOC	0.09	0.39
		FI	0.20	0.88
35	Mill Baghouse No. 1 Vent FINs (BE-9, BE-23, BE-47B, BE-47C, Screen 24 and 32, and Deduster)	PM	0.18	0.78
		PM ₁₀	0.18	0.78
		PM _{2.5}	0.04	0.20

Emission Sources - Maximum Allowable Emission Rates

39	Handling and Storage Baghouse Vent FINs (BE-9, BE-23, BE-36, BE-55, Silos 37, 38, 51, 52, 53, 56A, and 56B)	PM	0.08	0.37
		PM ₁₀	0.08	0.37
		PM _{2.5}	0.02	0.09
59	Standby Storage Baghouse Vent FINs (BE-47, BE-47A, BE-55, and BE-56)	PM	0.18	0.78
		PM ₁₀	0.18	0.78
		PM _{2.5}	0.04	0.20
16	Stockpile Storage and Handling	PM	0.12	0.52
		PM ₁₀	0.06	0.26
		PM _{2.5}	0.03	0.10
BLDGFUG	Building Fugitives FINs (Mill and Screen 24 Fugitives)	PM	0.01	0.06
		PM ₁₀	<0.01	0.02
		PM _{2.5}	<0.01	<0.01
MHFUG	Handling and Processing Operations (5)	PM	0.09	0.37
		PM ₁₀	0.04	0.18
		PM _{2.5}	0.01	<0.01
54A	Diesel Tank	VOC	0.07	<0.01
54B	Diesel Tank	VOC	0.07	<0.01
54C	Diesel Tank	VOC	0.04	<0.01

- (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_x total oxides of nitrogen
SO₂ sulfur dioxide
PM- total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
PM₁₀ total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
PM_{2.5}- particulate matter equal to or less than 2.5 microns in diameter
CO carbon monoxide
- (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.

Date: September 20, 2017