

Emission Sources - Maximum Allowable Emission Rates

Permit Number 27432

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)
O1S1	Bread/Bun Ovens Catalytic Oxidizer Stack 1 (1.65 MMBtu/hr)	PM	0.07	0.30
		PM ₁₀	0.07	0.30
		PM _{2.5}	0.07	0.30
		SO ₂	<0.01	0.02
		NO _x	0.91	3.99
		CO	0.77	3.35
		VOC	3.38	14.82
		CH ₃ CHO	0.12	0.51
O1S2	Oven 1 Bypass Stack 2 (4.08 MMBtu/hr) (5)	PM	0.03	0.14
		PM ₁₀	0.03	0.14
		PM _{2.5}	0.03	0.14
		SO ₂	<0.01	0.01
		NO _x	0.42	1.82
		CO	0.35	1.53
		VOC	0.02	0.10
O3S2	Oven 3 Bypass Stack 3 (3.20 MMBtu/hr) (5)	PM	0.02	0.11
		PM ₁₀	0.02	0.11
		PM _{2.5}	0.02	0.11
		SO ₂	<0.01	0.01
		NO _x	0.33	1.43
		CO	0.27	1.20
		VOC	0.02	0.08
S1 and S2	Flour Storage Silo Baghouse Vents	PM	0.04	0.01
		PM ₁₀	0.04	0.01

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		PM _{2.5}	0.04	0.01
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- (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
CH₃CHO - acetaldehyde
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) These emissions will result only during startup events when no product is being baked.
- (6) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

Date: December 4, 2017