

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 83069

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.

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates</u>	
			lb/hr	TPY
101	Boiler No. 1 (Combined Natural Gas, No. 2 Fuel Oil, Processed Fat and Biogas)	PM/PM ₁₀	0.76	--
		VOC	0.18	--
		NO _x	5.19	--
		SO ₂	14.99 (6)	--
		CO	2.74	--
		H ₂ S	0.09	--
102	Boiler No. 2 (Combined Natural Gas, No. 2 Fuel Oil, Processed Fat and Biogas)	PM/PM ₁₀	0.76	--
		VOC	0.18	--
		NO _x	5.19	--
		SO ₂	14.99 (6)	--
		CO	2.74	--
		H ₂ S	0.09	--
103	Boiler No. 3 (Combined Natural Gas, No. 2 Fuel Oil, Processed Fat and Biogas)	PM/PM ₁₀	0.76	--
		VOC	0.18	--
		NO _x	5.19	--
		SO ₂	14.99 (6)	--
		CO	2.74	--
		H ₂ S	0.09	--
101, 102, 103	Boiler Nos. 1, 2, and 3 (Combined Annual Limits)	PM/PM ₁₀	--	10.04
		VOC	--	2.36
		NO _x	--	68.23
		SO ₂	--	21.61
		CO	--	36.05
		H ₂ S	--	0.09

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401	Anaerobic Digester or Lagoon Flare and Pilot	NO _x	0.53	0.84
		SO ₂	7.95	8.95
		CO	4.33	6.08
		H ₂ S	0.09	0.10
		NH ₃	1.06	0.27
501	Cooling Tower No. 1	PM/PM ₁₀	0.16	0.69
502	Cooling Tower No. 2	PM/PM ₁₀	0.16	0.69
503	Cooling Tower No. 3	PM/PM ₁₀	0.16	0.69
301	Meal Silo Nos. 1 and 2 Baghouse Stack	PM/PM ₁₀	0.10	0.45
601	Loadout Fugitives (4)	PM/PM ₁₀	0.97	1.08
203	Room Air Scrubber (Venturi Scrubber and Packed Tower Scrubber)	Odor (5)	--	--

(1) Emission point identification - either specific equipment designation or emission point number from a plot plan.

(2) Specific point source names. For fugitive sources, use an area name or fugitive source name.

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- (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 - particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}
- PM₁₀ - particulate matter equal to or less than 10 microns in diameter
- PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
- CO - carbon monoxide
- NH₃ - ammonia
- H₂S - hydrogen sulfide
- (4) Fugitive emissions are an estimate only.
- (5) Odors shall be maintained at a minimum level.
- (6) Maximum combined hourly SO₂ emissions shall not exceed 39.95 pounds for Boiler Nos. 1, 2, and 3.

Dated May 21, 2008