

Emission Sources - Maximum Allowable Emission Rates

Permit Number 19942

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
1	Boiler No. 1	PM	0.98	3.39
		PM ₁₀	0.98	3.39
		SO ₂	12.64	41.40
		NO _x	6.65	24.91
		CO	3.52	13.16
		VOC	0.23	0.86
2	Boiler No. 2	PM	0.98	3.39
		PM ₁₀	0.98	3.39
		SO ₂	12.64	41.40
		NO _x	6.65	24.91
		CO	3.52	13.16
		VOC	0.23	0.86
3	Room Air Scrubber No. 1 Stack (Venturi Scrubber and Packed Tower Scrubber)	Odor (5)	--	--
4	Room Air Scrubber No. 2 Stack	Odor (5)	--	--
5	Feather Dryer Scrubber Stack	PM	2.39	9.31
		PM ₁₀	2.39	9.31
		SO ₂	4.53	1.66

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		NO _x	2.38	8.82
		CO	1.26	4.66
		VOC	0.08	0.31
		Odor (5)	--	--
6	Boiler No. 3	PM	0.33	1.25
		PM ₁₀	0.33	1.25
		SO ₂	0.50	1.88
		NO _x	5.32	19.93
		CO	2.81	10.53
		VOC	0.18	0.69
CTWR 1	Cooling Tower No.1	PM	0.30	1.31
		PM ₁₀	0.30	1.31
LD1	Loadout Operations (4)	PM	0.01	0.04
		PM ₁₀	0.01	0.04
FLARE	Lagoon Flare (6)	SO ₂	7.94	8.94
		NO _x	0.46	0.52
		CO	3.96	4.45
		H ₂ S	0.09	0.10
		NH ₃	1.06	0.27

- (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 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
- VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- NO_x - total oxides of nitrogen
- SO₂ - sulfur dioxide
- CO - carbon monoxide
- H₂S - hydrogen sulfide
- NH₃ - ammonia

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- (4) Fugitive emissions are an estimate only.
- (5) Odors shall be maintained at a minimum level.
- (6) The Lagoon Flare is authorized under 30 TAC § 106.492 as of October 26, 2006.
- (7) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

Date: February 28, 2013