

Emission Sources - Maximum Allowable Emission Rates

Permit Number 42682

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)
RF-070	Liquid Incinerator	PM	1.02	4.48
		PM10	1.02	4.48
		PM2.5	1.02	4.48
		NOx	65.35	80.08
		VOC	0.33	1.46
		CO	5.63	24.67
		CO (6)	39.00	-
		SO2	0.01	0.05
		HCl	1.54	6.76
		NH3	23.87	17.05
		Antimony	6.70E-02	2.90E-01
		Arsenic	4.61E-03	0.02
		Barium	6.70E-02	2.90E-01
		Beryllium	4.61E-03	2.00E-02
		Cadmium	1.14E-03	4.99E-03
		Chromium	4.61E-03	2.00E-02
		Lead	1.14E-03	4.99E-03
		Mercury	2.14E-03	1.00E-02
		Nickel	6.70E-02	2.90E-01
		Selenium	6.70E-02	2.90E-01

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		Silver	6.70E-02	2.90E-01
		Thallium	6.70E-02	2.90E-01
RF-017	Liquid Waste Feed Tank TF-009	VOC	0.15	0.02
		NH3	0.01	0.01
FE-041	Liquid Waste Feed Tank TE-040	VOC	0.21	0.01
		NH3	0.01	0.01
FF-010	Liquid Waste Feed Tank TF-002	VOC	0.04	0.01
		NH3	0.01	0.01
INCIN	Incinerator Fugitives (5)	VOC	0.32	1.42
		NH3	0.02	0.08

- (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
- HCl - hydrochloric acid
- NH₃ - ammonia
- (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) This hourly limit applies only during startup and shutdown of the LIS when the hourly average CO concentration is greater than 100 ppmv. Startup and shutdown of the LIS may not exceed periods of 7 hrs/event or 42 events/yr.

Date: May 7, 2013