

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 92551

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)
VAPOR1	Vapor Combustor	NO _x	2.58	1.43
		CO	43.76	65.62
		VOC	3.20	0.16
		PM	0.05	0.11
		PM ₁₀	0.05	0.11
		PM _{2.5}	0.05	0.11
		SO ₂	0.46	0.80
		HCl	2.84	0.14
BLDG-VENT	Start-up Burner and Bldg Vent Dust Collector	NO _x	0.69	0.10
		CO	0.58	0.08
		VOC	0.04	0.01
		PM	8.62	4.29
		PM ₁₀	2.71	1.34
		PM _{2.5}	1.42	0.70
		SO ₂	0.01	<0.01
B-01	Boiler 8.4 MMBtu/hr	NO _x	0.30	1.32
		CO	0.34	1.50
		VOC	0.04	0.20
		PM	0.06	0.27
		PM ₁₀	0.06	0.27

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B-01	Boiler 8.4 MMBtu/hr	PM _{2.5}	0.06	0.27
		SO ₂	0.01	0.03
CT-01	Cooling Tower	PM	0.02	0.06
		PM ₁₀	0.02	0.06
		PM _{2.5}	0.02	0.06
F-07	Pet/Coke/Coal Dust Solids Injection Filler	PM	0.05	0.02
		PM ₁₀	0.01	0.02
		PM _{2.5}	0.01	0.02
V-09	Baghouse Dust Bin	PM	<0.01	0.02
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
V-11/12	FeCl ₂ Addition to Scrubber	PM	<0.01	0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
ROLL OFF	Dust Consolidation	PM	<0.01	0.02
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
GEN-1	Emergency Generator 2220 hp	NO _x	23.30	1.17
		CO	12.80	0.64
		VOC	4.89	0.24
		PM	0.03	0.04
		PM ₁₀	0.03	0.04
		PM _{2.5}	0.03	0.04
GEN-1	Emergency Generator 2220 hp	SO ₂	0.04	<0.01
TK-10	HCl loading	HCl	0.01	<0.01

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FUGITIVES (5)	Piping Fugitives	CO	0.27	1.19
		VOC	0.12	0.50
		HCl	0.06	0.27
		H ₂ S	<0.01	0.01
MSS	Maintenance	CO	0.03	<0.01
		VOC	0.24	<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
- HCl - hydrogen chloride
- H₂S - hydrogen sulfide
- (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: _____