

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 89807

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)	Emission Rates *	
			lb/hr (6)	TPY** (7)
BOIL1 (5)	Hurst Boiler 1 19.32 MMBtu/hr	NO _x	4.55	19.37
		CO	11.67	50.96
		VOC	0.33	1.45
		PM	6.66	29.06
		PM ₁₀	6.01	26.28
		PM _{2.5}	4.02	17.57
		SO ₂	0.59	2.39
BOIL2	Hurst Boiler 2 12.51 MMBtu/hr Natural Gas	NO _x	0.48	2.09
		CO	0.39	1.71
		VOC	0.069	0.30
		PM/PM ₁₀ /PM _{2.5}	0.095	0.42
		SO ₂	0.0075	0.03
BOIL3	Hurst Boiler 3 12.33 MMBtu/hr Natural Gas	NO _x	0.47	2.06
		CO	0.38	1.67
		VOC	0.068	0.30
		PM/PM ₁₀ /PM _{2.5}	0.094	0.41
		SO ₂	0.0074	0.032
EDG1	Catepillar C32 Emergency Generator 1 1,371-hp	NO _x	14.08	3.52
		CO	7.72	1.93
		VOC	0.03	0.007
		PM/PM ₁₀ /PM _{2.5}	0.44	0.11
		SO ₂	0.015	0.004
EDG2	Catepillar C32 Emergency Generator 2 1,371-hp	NO _x	14.08	3.52
		CO	7.72	1.93
		VOC	0.03	0.007

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		PM/PM ₁₀ /PM _{2.5}	0.44	0.11
		SO ₂	0.015	0.004
TANK1	Diesel Storage Tank	VOC	0.01	0.003
TANK2	Grease Storage Tank	VOC	<0.01	0.003
FUG1 (4)	Piping and Components Fugitives	VOC	0.15	0.66

- (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.
- (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
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) The emission rates for Boiler 1 include firing the following fuels or any combination of the following fuels: biomass, waste grease and natural gas.
- (6) Compliance with the hourly emission rates is based on a rolling 30-day average.
- (7) Compliance with the annual emission limits shall be based on a rolling 12-month year rather than a calendar year.

* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

** Compliance with annual emission limits is based on a rolling 12-month period.

Date April 8, 2010