

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 74185

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	TPY**
FLRSTK	Flare	NO _x	0.11	0.48
		CO	0.22	0.97
		VOC	0.05	0.22
		SO ₂	0.02	0.10
GRDFLR	Vapor Combustor	NO _x	163.9	2.29
		CO	892.0	12.44
		VOC	151.9	2.12
		SO ₂	69.95	0.96
		PM ₁₀	18.32	0.96
FUG	Fugitives (4)	VOC	0.49	2.16
EG-1	Emergency Generator 1	PM	1.88	0.05
		PM ₁₀	1.12	0.03
		CO	14.74	0.37
		SO _x	1.08	0.03
		VOC	1.72	0.04
		NO _x	64.32	1.61
MFWP-1	Main Fire Water Pump 1	PM ₁₀	1.10	0.03
		CO	3.34	0.08
		SO _x	0.20	0.01
		VOC	1.24	0.03
		NO _x	15.50	0.39
MFWP-2	Main Fire Water Pump 2	PM ₁₀	1.10	0.03
		CO	3.34	0.08
		SO _x	0.20	0.01
		VOC	1.24	0.03
		NO _x	15.50	0.39

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
MFWP-3	Main Fire Water Pump 3	PM ₁₀	1.10	0.03
		CO	3.34	0.08
		SO _x	0.20	0.01
		VOC	1.24	0.03
		NO _x	15.50	0.39
MFWP-4	Main Fire Water Pump 4	PM ₁₀	1.10	0.03
		CO	3.34	0.08
		SO _x	0.20	0.01
		VOC	1.24	0.03
		NO _x	15.50	0.39
MFWP-5	Main Fire Water Pump 5	PM ₁₀	1.10	0.03
		CO	3.34	0.08
		SO _x	0.20	0.01
		VOC	1.24	0.03
		NO _x	15.50	0.39
SFWP-2	Standby Fire Water Pump 2	PM ₁₀	1.10	0.03
		CO	3.34	0.08
		SO _x	0.20	0.01
		VOC	1.24	0.03
		NO _x	15.50	0.39
SFWP-1	Standby Fire Water Pump 1	PM ₁₀	1.10	0.03
		CO	3.34	0.08
		SO _x	0.20	0.01
		VOC	1.24	0.03
		NO _x	15.50	0.39

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- (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) NO_x - total oxides of nitrogen
CO - carbon monoxide
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
PM - particulate matter, suspended in the atmosphere, including PM₁₀.
PM₁₀ - particulate matter (PM) equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.
SO₂ - sulfur dioxide
SO_x - sulfur oxides
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

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

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

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

Dated April 15, 2005