

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 45606

This table lists the maximum allowable emission rates and all sources of air contaminants on the applicant's property covered by the Voluntary Emissions Reduction Permit portion of this permit. Boilers B-1, B-2, and B-3 are covered by the Electric Generating Facility Permit portion of this permit and are not required to be on this table; however, particulate emissions for Boilers B-1, B-2, and B-3 are included to establish a federally enforceable maximum allowable emission rate. 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)	<u>Emission Rates *</u>	
			lb/hr	TPY**
F-1	Cooling Tower T1	PM	8.56	37.5
		PM ₁₀	0.55	2.40
		PM _{2.5}	0.01	0.05
		HOCl	0.01	0.01
F-2	Cooling Tower T2	PM	3.42	15.0
		PM ₁₀	0.22	1.0
		PM _{2.5}	<0.01	0.02
		HOCl	0.01	0.01
F-3	Cooling Tower T3	PM	3.69	16.18
		PM ₁₀	0.24	1.04
		PM _{2.5}	<0.01	0.02
		HOCl	0.01	0.01
OT-1	Fuel Oil Tank No. 1	VOC	0.46	0.50
OT-2	Fuel Oil Tank No. 2	VOC	0.46	0.50
OT-3	Fuel Oil Tank No. 3	VOC	0.46	0.50
FUG	Fuel Oil Fugitive Emissions (4)	VOC	0.05	0.23
B-1, B-2, B-3	Boilers B-1, B-2, B-3 (5)	PM ₁₀	39.8	32.20
CT1 FUG	Cooling Tower 1	Chlorine	0.08	0.35

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Fugitives				
CT2 FUG	Cooling Tower 2 Fugitives	Chlorine	0.08	0.35
CT3 FUG	Cooling Tower 3 Fugitives	Chlorine	0.08	0.35

- (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
 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
 HOCl - chlorinated compounds represented by hypochlorous acid
- (4) Fugitive emissions are an estimate only.
- (5) Records showing annual fuel use shall be kept in a form suitable for inspection for a period of two years on a rolling basis

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

____Hrs/day ____Days/week ____Weeks/year or 8,760 Hrs/year

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

Dated December 8, 2010