

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 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)
F-1	Cooling Tower T1	PM	8.56	37.50
		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	1.00
		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
CT1 FUG	Cooling Tower 1 Fugitives	Cl	0.08	0.35
CT2 FUG	Cooling Tower 1 Fugitives	Cl	0.08	0.35
CT3 FUG	Cooling Tower 1 Fugitives	Cl	0.08	0.35
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 (5)	VOC	0.05	0.23

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B-1, B-2, B-3	Boilers B-1, B-2, B-3 (6)	PM	39.8	32.20
		PM ₁₀	39.8	32.20
		PM _{2.5}	39.8	32.20

- (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 |
| PM | - total particulate matter, suspended in the atmosphere, including PM ₁₀ and PM _{2.5} , as represented |
| PM ₁₀ | - 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 |
| HOCl | - hypochlorous acid |
| Cl | - chlorine |
- (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) Emissions of NO_x, CO, VOC, and SO₂ are authorized by an Electric Generating Facility Permit pursuant to 30 TAC 116, Subchapter I.

Date: July 20, 2022