

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 39616

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
345-04-STO through 345-08-STO	Test Stack Nos. 1-5 (a)* Heaters 2,920 hrs/yr of total operation .20	NO _x SO ₂	.11 .007	2.41 .15
		VOC		.009
		CO	.022	.48
		PM ₁₀	.007	.15
373-01-STO through 373-10-STO	Test Stacks Nos. 1-10 (b)* Engines 5,840 hrs/yr of total operation 2.69	NO _x SO ₂	9.68 .64	28.27 1.867
		VOC		.92
		CO	2.09	6.10
		PM ₁₀	.68	1.98
S375-01-STO	Test Stack No. 1 (c)* Transmissions 8,760 hrs/yr of total operation 1.1	NO _x SO ₂	7.55 .5	11.02 .73
		VOC		.75
		CO	1.63	2.38
		PM ₁₀	.53	.77
373-01-FUG through 373-10-FUG	Fugitives*	VOC	.02	.06

- (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.

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates</u>	
			<u>lb/hr</u>	<u>TPY</u>

- (3) VOC - volatile organic compounds as defined in 30 Texas Administrative Code Section 101.1
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
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.
CO - carbon monoxide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

* lb/hr emissions are for each emission point while the tpy is for the group of stacks as a whole.

Dated_____