

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 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	Vehicle Heater Test Cell Stacks hourly emissions (per test)	NO <sub>x</sub>	0.64	-
		CO	0.14	-
		VOC	0.05	-
		PM <sub>10</sub>	0.04	-
		SO <sub>2</sub>	0.04	-
	Annual Emissions Cap (all test cells combined)	NO <sub>x</sub>	-	2.37
		CO	-	0.51
		VOC	-	0.19
		PM <sub>10</sub>	-	0.17
		SO <sub>2</sub>	-	0.16
373-01-STO through 373-16-STO	Engine Test Cell Stacks hourly emissions (per test)	NO <sub>x</sub>	9.59	-
		CO	2.07	-
		VOC	0.78	-
		PM <sub>10</sub>	0.67	-
		SO <sub>2</sub>	0.63	-
	Annual Emissions Cap (all test cells combined)	NO <sub>x</sub>	-	35.91
		CO	-	7.74
		VOC	-	2.93
		PM <sub>10</sub>	-	2.52
		SO <sub>2</sub>	-	2.36
375-01-STO	Transmission Test Cell Stack	NO <sub>x</sub>	9.59	1.90
		CO	2.07	0.41
		VOC	0.78	0.15
		PM <sub>10</sub>	0.67	0.13
		SO <sub>2</sub>	0.63	0.12

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373-01-FUG through 373-16-FUG	Fugitives (4)	VOC	0.02	0.08

- (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<sub>x</sub> - total oxides of nitrogen  
SO<sub>2</sub> - sulfur dioxide  
PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter  
CO - carbon monoxide  
SO<sub>2</sub> - sulfur dioxide
- (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:

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.

Dated May 26, 2009