

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 79228

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
E-16	Compressor Engine (Cat. Model 3606) 1,665-hp, 4 cycle, Lean Burn	NO <sub>x</sub>	2.56	11.24
		VOC	1.83	8.03
		CO	9.17	40.16
		PM <sub>10</sub>	0.0009	0.0039
		SO <sub>2</sub>	0.0068	0.03
E-17	Compressor Engine (Cat. Model 3606) 1,665-hp, 4 cycle, Lean Burn	NO <sub>x</sub>	2.56	11.24
		VOC	1.83	8.03
		CO	9.17	40.16
		PM <sub>10</sub>	0.0009	0.0039
		SO <sub>2</sub>	0.0068	0.03
E-18	Compressor Engine (Cat. Model 3606) 1,665-hp, 4 cycle, Lean Burn	NO <sub>x</sub>	2.56	11.24
		VOC	1.83	8.03
		CO	9.17	40.16
		PM <sub>10</sub>	0.0009	0.0039
		SO <sub>2</sub>	0.0068	0.03
E-19	Compressor Engine (Cat. Model 3606) 1,665-hp, 4 cycle, Lean Burn	NO <sub>x</sub>	2.56	11.24
		VOC	1.83	8.03
		CO	9.17	40.16
		PM <sub>10</sub>	0.0009	0.0039
		SO <sub>2</sub>	0.0068	0.03
E-22	Compressor Engine (Cat. Model 3516) 1,265-hp, 4 cycle, Lean Burn	NO <sub>x</sub>	5.90	25.86
		VOC	1.24	5.43
		CO	5.64	24.69
		PM <sub>10</sub>	0.0008	0.0036
		SO <sub>2</sub>	0.0063	0.03

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
E-23	Compressor Engine (Cat. Model 3516) 1,265-hp, 4 cycle, Lean Burn	NO <sub>x</sub>	5.90	25.86
		VOC	1.24	5.43
		CO	5.64	24.69
		PM <sub>10</sub>	0.0008	0.0036
		SO <sub>2</sub>	0.0063	0.03
E-24	Compressor Engine (Cat. Model 3516) 1,265-hp, 4 cycle, Lean Burn	NO <sub>x</sub>	5.90	25.86
		VOC	1.24	5.43
		CO	5.64	24.69
		PM <sub>10</sub>	0.0008	0.0036
		SO <sub>2</sub>	0.0063	0.03
E-25	Compressor Engine (Cat. Model 3516) 1,265-hp, 4 cycle, Lean Burn	NO <sub>x</sub>	5.90	25.86
		VOC	1.24	5.43
		CO	5.64	24.69
		PM <sub>10</sub>	0.0008	0.0036
		SO <sub>2</sub>	0.0063	0.03
E-27	Compressor Engine (Cat. Model 3516) 1,265-hp, 4 cycle, Lean Burn	NO <sub>x</sub>	5.90	25.86
		VOC	1.24	5.43
		CO	5.64	24.69
		PM <sub>10</sub>	0.0008	0.0036
		SO <sub>2</sub>	0.0063	0.03

- (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 area name or fugitive source name.
- (3)
  - NO<sub>x</sub> - total oxides of nitrogen
  - VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
  - CO - carbon monoxide
  - PM<sub>10</sub> - 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.
  - SO<sub>2</sub> - sulfur dioxide

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\* 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

Dated September 14, 2006