

## EMISSION SOURCES - MAXIMUM EMISSION RATES

Permit Number 80440

This table lists the maximum 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 revision 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)
Turbine 10	Combustion Turbine	VOC	8.00	17.52
		PM <sub>10</sub> / PM <sub>2.5</sub>	3.60	7.89
		NO <sub>x</sub>	4.90	10.73
		CO	25.00	54.75
		SO <sub>2</sub>	1.50	3.29
Turbine 10	Combustion Turbine with Duct Burners	VOC	8.90	19.49
		PM <sub>10</sub> / PM <sub>2.5</sub>	4.36	9.55
		NO <sub>x</sub>	7.10	15.55
		CO	30.00	65.70
		SO <sub>2</sub>	1.56	3.42
Turbine 10	Black Start Engine	VOC	1.00	0.05
		PM <sub>10</sub> / PM <sub>2.5</sub>	0.03	<0.01
		NO <sub>x</sub>	47.20	2.36
		CO	12.76	0.64
		SO <sub>2</sub>	<0.01	<0.01
MSS / Turbine 10	Maintenance Start up and Shut Down	VOC	8.00	0.192
		PM <sub>10</sub> / PM <sub>2.5</sub>	3.60	0.0864
		NO <sub>x</sub>	115.84	2.78
		CO	141.02	3.38
		SO <sub>2</sub>	1.50	0.036

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- (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
  - NO<sub>x</sub> - total oxides of nitrogen
  - CO - carbon monoxide
  - SO<sub>2</sub> - sulfur dioxide
  - PM - total particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>, as represented
  - PM<sub>10</sub> - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>, as represented
  - PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.

Effective  
Date:

January 21, 2011

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