

# Emission Sources - Maximum Allowable Emission Rates

Permit Numbers 96336 and PSDTX1256

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 (4)	TPY (5)
CTG1	GE 7FA	NO <sub>x</sub>	15.00	65.70
		NO <sub>x</sub> (SS)	99.90	--
		CO	14.10	61.76
		CO (SS)	362.40	--
		VOC	3.20	14.02
		SO <sub>2</sub>	1.10	4.82
		PM/PM <sub>10</sub> /PM <sub>2.5</sub>	18.00	78.84
		NH <sub>3</sub>	17.13	75.03
CTG2	GE 7FA	NO <sub>x</sub>	15.00	65.70
		NO <sub>x</sub> (SS)	99.90	--
		CO (6)	14.10	61.76
		CO (SS)	362.40	--
		VOC	3.20	14.02
		SO <sub>2</sub>	1.10	4.82
		PM/PM <sub>10</sub> /PM <sub>2.5</sub>	18.00	78.84
		NH <sub>3</sub>	17.13	75.03

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CTG3	GE 7FA	NO <sub>x</sub>	15.00	65.70
		NO <sub>x</sub> (SS)	99.90	--
		CO	14.10	61.76
		CO (SS)	362.40	--
		VOC	3.20	14.02
		SO <sub>2</sub>	1.10	4.82
		PM/PM <sub>10</sub> /PM <sub>2.5</sub>	18.00	78.84
		NH <sub>3</sub>	17.13	75.03
LUB1	Combustion Turbine 1 Lube Oil Vent	VOC	0.09	0.40
		PM/PM <sub>10</sub> /PM <sub>2.5</sub>	0.09	0.40
LUB2	Combustion Turbine 2 Lube Oil Vent	VOC	0.09	0.40
		PM/PM <sub>10</sub> /PM <sub>2.5</sub>	0.09	0.40
LUB3	Combustion Turbine 3 Lube Oil Vent	VOC	0.09	0.40
		PM/PM <sub>10</sub> /PM <sub>2.5</sub>	0.09	0.40
LUB4	Combustion Turbine 4 Lube Oil Vent	VOC	0.09	0.40
		PM/PM <sub>10</sub> /PM <sub>2.5</sub>	0.09	0.40
CTO	Clean Turbine Oil Tank	VOC	1.16	<0.01
UTO	Clean Turbine Oil Tank	VOC	1.16	<0.01
DFT	Diesel Fuel Tank	VOC	0.16	<0.01
OWS	Oil Water Separator Tank	VOC	0.01	<0.01

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EG1	Emergency Generator	NO <sub>x</sub>	14.11	0.35
		CO	7.72	0.19
		VOC	3.37	0.08
		PM/PM <sub>10</sub> /PM <sub>2.5</sub>	0.44	0.01
		SO <sub>2</sub>	2.75	0.07
EG2	Emergency Generator	NO <sub>x</sub>	14.11	0.35
		CO	7.72	0.19
		VOC	3.37	0.08
		PM/PM <sub>10</sub> /PM <sub>2.5</sub>	0.44	0.01
		SO <sub>2</sub>	2.75	0.07
FWP	Fire Water Pump	NO <sub>x</sub>	2.08	0.05
		CO	1.82	0.04
		VOC	0.79	0.02
		PM/PM <sub>10</sub> /PM <sub>2.5</sub>	0.10	<0.01
		SO <sub>2</sub>	0.65	0.02
FUG	Fugitive Area(6)	VOC	0.10	0.42
		NH <sub>3</sub>	0.10	0.45

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.

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- (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
  - 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
  - CO - carbon monoxide
  - NH<sub>3</sub> - ammonia
- (4) Planned startup and shutdown (SS) lbs/hour emissions for all pollutants are authorized even if not specifically identified as SS. During any clock hour that includes one or more minutes of planned SS, that pollutant's maximum hourly emission rate shall apply during that clock hour.
- (5) Compliance with annual emission rates is based on a 12-month rolling period. Annual emission rates for each source include planned SS emissions.
- (6) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

Date: August 13, 2013