

## Emission Sources - Maximum Allowable Emission Rates

Permit Numbers 56287 and PSDTX1404

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)
GT 34	Gas Turbine No. 34 15 MW Bypass Mode	NO <sub>x</sub>	31.77	-
		NO <sub>x</sub> (MSS)	74.50	-
		CO	8.49	-
		CO (MSS)	375.28	-
		VOC	0.59	-
		VOC (MSS)	6.25	-
		SO <sub>2</sub>	7.29	-
		PM	1.87	-
		PM <sub>10</sub>	1.87	-
		PM <sub>2.5</sub>	1.87	-
SPS3-7	Waste Heater Boiler No. 36 100 MMBtu/hr	NO <sub>x</sub>	11.00	-
		CO	5.00	-
	Gas Turbine No. 34 is not operating	CO (MSS)	10.00	-
		VOC	0.53	-
		SO <sub>2</sub>	2.61	-
		PM	0.74	-
		PM <sub>10</sub>	0.74	-
		PM <sub>2.5</sub>	0.74	-

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			lbs/hour (4)	TPY (5)
SPS3-7	Gas Turbine No. 34 and Waste Heater Boiler No. 36	NO <sub>x</sub>	42.77	187.32
		NO <sub>x</sub> (MSS)	74.50	-
		CO	13.49	59.59
		CO (MSS)	385.28	-
		VOC	1.12	4.93
		VOC (MSS)	6.25	-
		SO <sub>2</sub>	9.90	1.09
		PM	2.61	11.40
		PM <sub>10</sub>	2.61	11.40
		PM <sub>2.5</sub>	2.61	11.40

- (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  
 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  
 MSS - maintenance, startup, and shutdown
- (4) Planned MSS lbs/hour emissions for all pollutants are authorized even if not specifically identified as MSS. During any clock hour that includes one or more minutes of planned MSS, that pollutant's maximum hourly emission rate shall apply during that clock hour.
- (5) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period and includes planned MSS.

Date: June 5, 2015