

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Numbers 82426, PSDTX1100 and N69

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	
			lbs/hour	TPY (4)
MT-GT1	Simple Cycle Combustion Turbine/SCR Train No. 1 <b>(Hourly Limits)</b>	NO <sub>x</sub>	20.49	--
		CO	6.49	--
		VOC	2.50	--
		PM/PM <sub>10</sub> /PM <sub>2.5</sub>	43.87	--
		SO <sub>2</sub>	31.61	--
		H <sub>2</sub> SO <sub>4</sub>	33.87	--
		NH <sub>3</sub>	30.29	--
MT-GT2	Simple Cycle Combustion Turbine/SCR Train No. 2 <b>(Hourly Limits)</b>	NO <sub>x</sub>	20.49	--
		CO	6.49	--
		VOC	2.50	--
		PM/PM <sub>10</sub> /PM <sub>2.5</sub>	43.87	--
		SO <sub>2</sub>	31.61	--
		H <sub>2</sub> SO <sub>4</sub>	33.87	--
		NH <sub>3</sub>	30.29	--
MT-GT1	Simple Cycle Combustion Turbine/SCR Train No. 1 <b>(Hourly MSS)</b>	NO <sub>x</sub>	30.98	--
		CO	390.06	--
		VOC	45.95	--
		PM/PM <sub>10</sub> /PM <sub>2.5</sub>	43.87	--
		SO <sub>2</sub>	31.61	--
		H <sub>2</sub> SO <sub>4</sub>	33.87	--
		NH <sub>3</sub>	30.29	--
MT-GT2	Simple Cycle Combustion Turbine/SCR Train No. 2 <b>(Hourly MSS)</b>	NO <sub>x</sub>	30.98	--
		CO	390.06	--
		VOC	45.95	--
		PM/PM <sub>10</sub> /PM <sub>2.5</sub>	43.87	--

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		SO <sub>2</sub>	31.61	--
		H <sub>2</sub> SO <sub>4</sub>	33.87	--
		NH <sub>3</sub>	30.29	--
MT-GT1 and MT-GT2	Simple Cycle Combustion Turbine/SCR Train Nos. 1 and 2 <b>(Annual Limits)</b>	NO <sub>x</sub>	--	85.44
		CO	--	391.79
		VOC	--	46.94
		PM/PM <sub>10</sub> /PM <sub>2.5</sub>	--	56.33
		SO <sub>2</sub>	--	11.69
		H <sub>2</sub> SO <sub>4</sub>	--	12.53
		NH <sub>3</sub>	--	78.59
MT-DEWPT	Dew Point Heater 2 MMBtu/hr	NO <sub>x</sub>	0.07	0.32
		CO	0.16	0.72
		VOC	0.01	0.05
		PM/PM <sub>10</sub> /PM <sub>2.5</sub>	0.01	0.07
		SO <sub>2</sub>	0.03	0.03
MT-LOV1	GT-1 Lube Oil Vent	PM/PM <sub>10</sub> /PM <sub>2.5</sub>	0.04	0.18
		VOC	0.04	0.18
MT-LOV2	GT-2 Lube Oil Vent	PM/PM <sub>10</sub> /PM <sub>2.5</sub>	0.04	0.18
		VOC	0.04	0.18
MT-FUELFUG	Fuel Equipment Leak Fugitives	VOC	0.16	0.71
MT-NH3FUG	Ammonia Equipment Leak Fugitives	NH <sub>3</sub>	0.06	0.25
Sitewide HAPs		Individual HAPs	--	<10
		Total HAPs	--	<25

- (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 - particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>

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- PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter
- PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter
- CO - carbon monoxide
- H<sub>2</sub>SO<sub>4</sub> - sulfuric acid
- HAP - hazardous air pollutant as listed in § 112(b) of the Federal Clean Air Act or Title 40  
Code of Federal Regulations (40 CFR) Part 63, Subpart C

(4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.

Date: \_\_\_\_\_