

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 7553

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 (4)	
			lb/hour	TPY (5)
GT1 and GT1A	Gas Turbine No. 1 (6) and Heat Recovery Steam Generator	PM <sub>10</sub>	2.75	7.54
		NO <sub>x</sub>	37.62	84.24
		CO	32.01	66.75
		VOC	0.92	1.91
		SO <sub>2</sub>	8.18	25.36
GT2 and GT2A	Gas Turbine No. 2 (6) and Heat Recovery Steam Generator (without duct burners)	PM <sub>10</sub>	2.75	7.54
		NO <sub>x</sub>	37.62	84.24
		CO	32.01	66.75
		VOC	0.92	1.91
		SO <sub>2</sub>	8.18	25.36

- (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<sub>10</sub> - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>, as represented  
 CO - carbon monoxide
- (4) Emission rates due to maintenance, startup, and shutdown (MSS) activities are not greater than the normal rates in the table.
- (5) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (6) The turbine exhaust can be emitted from either GT1 or GT1A stack or modulated between the two stacks, but the total emitted by the combined turbine and HRSG unit cannot exceed the rates specified on the maximum allowable emission rates table.

Date: July 1, 2013