

Emission Sources - Maximum Allowable Emission Rates

Permit Numbers 5699 and PSDTX18M2

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 *	
			lb/hr	TPY
GCSES	Boiler Unit 1 5,060 MMBtu/hr	VOC	600	2,365
		NO _x	1,771	3,657
		SO ₂	6,068	6,952
		PM	506	1,694
		CO	2,428	2,365
		H ₂ SO ₄ **	190	639

- (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 area name or fugitive source name.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code ' 101.1
- NO_x - total oxides of nitrogen
- SO₂ - sulfur dioxide
- PM - particulate matter, suspended in the atmosphere, including PM₁₀
- CO - carbon monoxide
- H₂SO₄ - sulfuric acid

* Emission rates are based on a firing rate of 5,060 million British thermal units per hour and the following maximum operating schedule:

Hrs/day 24 Days/week 7 Weeks/year 52 or Hrs/year 8,760

Compliance with the annual emission limits and operating schedule is based on a rolling 365-day period.

** Not included on Permit Number 5699; applicable to PSDTX18M2 only.

Dated October 28, 2011