

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 37894 and PSDTX918

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	TPY (4)
STGT	Turbine/Duct Burner/SCR	NO <sub>x</sub> (5)	27.10	118.70
		NO <sub>x</sub> (MSS) (6)	73.10	0.33
		CO (5)	27.50	120.40
		CO (MSS) (6)	48.20	0.025
		VOC	8.50	37.20
		SO <sub>2</sub>	4.50	19.80
		PM	4.40	19.20
		PM <sub>10</sub>	4.40	19.20
		PM <sub>2.5</sub>	4.40	19.20
		NH <sub>3</sub> (5)	6.70	29.20
		NH <sub>3</sub> (MSS) (6)	7.30	<0.01

(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>

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

HAP - hazardous air pollutant as listed in § 112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations Part 63, Subpart C

NH<sub>3</sub> - ammonia

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

(5) Emission rate limits based on a maximum stack flow rate of 11,693,174.7 scfh.

(6) Emissions values are applicable during start, shutdown and maintenance activities only

Date: February 14, 2019