

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 123077 and PSDTX1436

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 (6)	
			lbs/hour	TPY (4)(5)
Boiler 01	Boiler 1	NO <sub>x</sub>	9.04	19.80
		CO	33.40	73.16
		VOC	3.09	9.89
		SO <sub>2</sub>	1.26	5.51
		PM	3.37	14.75
		PM <sub>10</sub>	3.37	14.75
		PM <sub>2.5</sub>	3.37	14.75
		NH <sub>3</sub>	2.03	8.90
Boiler 02	Boiler 2	NO <sub>x</sub>	9.04	19.80
		CO	33.40	73.16
		VOC	3.09	9.89
		SO <sub>2</sub>	1.26	5.51
		PM	3.37	14.75
		PM <sub>10</sub>	3.37	14.75
		PM <sub>2.5</sub>	3.37	14.75
		NH <sub>3</sub>	2.03	8.90
Boiler 03	Boiler 3	NO <sub>x</sub>	9.04	19.80
		CO	33.40	73.16
		VOC	3.09	9.89
		SO <sub>2</sub>	1.26	5.51
		PM	3.37	14.75
		PM <sub>10</sub>	3.37	14.75

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		PM <sub>2.5</sub>	3.37	14.75
		NH <sub>3</sub>	2.03	8.90
BLRFUG	Boiler Piping Fugitives	VOC	0.04	0.17
		NH <sub>3</sub>	0.08	0.36
BLRMSS	Boiler MSS	VOC	0.15	0.01
		NH <sub>3</sub>	8.52	0.09
BLRGEN	Boiler Emergency Generator	VOC	0.92	0.05
		NO <sub>x</sub>	0.88	0.04
		CO	1.10	0.06
		SO <sub>2</sub>	0.01	0.01
		PM	0.07	0.01
		PM <sub>10</sub>	0.07	0.01
		PM <sub>2.5</sub>	0.07	0.01
BLRGENTNK	Boiler Emergency Generator Tank	VOC	0.01	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>  
PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter  
CO - carbon monoxide  
NH<sub>3</sub> - ammonia
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Emissions rates are based on and the facilities are limited by the following maximum operating schedule:  
8760 hours/year.
- (6) Planned maintenance, startup, and shutdown (MSS) emissions are included.

Date: November 12, 2015