

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Nos. 40699 and PSD-TX-932

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**
61STK_001	Cogeneration Turbine w/Duct Burner	PM <sub>10</sub> ***	28.08	107.24
		SO <sub>2</sub>	1.41	5.59
		VOC	26.97	87.69
		CO***	166.83	369.33
		NO <sub>x</sub>	82.73	212.03
		NH <sub>3</sub>	34.08	149.27
61STK_002	Cogeneration Turbine w/Duct Burner	PM <sub>10</sub> ***	28.08	107.24
		SO <sub>2</sub>	1.41	5.59
		VOC	26.97	87.69
		CO***	166.83	369.33
		NO <sub>x</sub>	82.73	212.03
		NH <sub>3</sub>	34.08	149.27
61STK_003	Cogeneration Turbine w/Duct Burner	PM <sub>10</sub> ***	28.08	107.24
		SO <sub>2</sub>	1.41	5.59
		VOC	26.97	87.69
		CO***	166.83	369.33
		NO <sub>x</sub>	82.73	212.03
		NH <sub>3</sub>	34.08	149.27
56STK_023	Boiler 23	PM <sub>10</sub> ***	7.85	16.69
		SO <sub>2</sub>	31.73	21.19
		VOC	2.24	4.77
		CO***	82.95	176.41
		NO <sub>x</sub>	67.26	143.03
56FUG_023	Boiler 23 Fugitives (4)	VOC	0.11	0.49
61CTL_031	JV Cooling Tower	PM <sub>10</sub>	1.1	4.7

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
61VNT_001	CTG No. 1 Lube Oil Vent	VOC	0.07	0.29
61VNT_002	CTG No. 2 Lube Oil Vent	VOC	0.07	0.29
61VNT_003	CTG No. 3 Lube Oil Vent	VOC	0.07	0.29
61VNT_004	STG Lube Oil Vent	VOC	0.06	0.26

- (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 30 Texas Administrative Code Section 101.1  
 NO<sub>x</sub> - total oxides of nitrogen  
 SO<sub>2</sub> - sulfur dioxide  
 PM<sub>10</sub> - particulate matter (PM) equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.  
 CO - carbon monoxide  
 NH<sub>3</sub> - ammonia
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

\* Emission rates are based on the following maximum operating schedule:

24 hours/day 7 days/week 52 weeks/year or 8,760 hours/year

\*\* Compliance with annual emission limits is based on a rolling 12-month period.

\*\*\* Emissions regulated under PSD-TX-932 permit authorization.

Dated \_\_\_\_\_