

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Numbers 18049 and PSD-TX-725

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**
305COGEN	47.4 MW Gas Turbine	NO <sub>x</sub>	80	350
		CO	11	48.2
		VOC	5	21.9
		PM <sub>10</sub>	2.5	11.0
		SO <sub>2</sub>	2.9	12.7
305COGEN	Duct Burners	NO <sub>x</sub>	9.57	
		CO	10.2	
		VOC	3.19	
		PM <sub>10</sub>	1.75	
		SO <sub>2</sub>	0.04	
Pre March 1, 2007				
310B11	Power Boiler No. 11	NO <sub>x</sub>	107	
		CO	32.0	
		VOC	2.09	
		PM	2.89	
		PM <sub>10</sub>	2.89	
		SO <sub>2</sub>	21.3	
310B12	Power Boiler No. 12	NO <sub>x</sub>	150	
		CO	44.8	
		VOC	2.94	
		PM	4.06	
		PM <sub>10</sub>	4.06	
		SO <sub>2</sub>	21.3	

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Emission	Source	Air Contaminant	Emission Rates *	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY**
Annual Cap for EPN 310B11 and 310B12 and EPN 305COGEN (Duct Burners)		NO <sub>x</sub>		822
		CO		267
		VOC		24.5
		PM		26.5
		PM <sub>10</sub>		26.5
		SO <sub>2</sub>		5.9
<b>Post March 1, 2007</b>				
310B11	Power Boiler No. 11	NO <sub>x</sub>	23.3	
		CO	32.0	
		VOC	2.09	
		PM	2.89	
		PM <sub>10</sub>	2.89	
		SO <sub>2</sub>	21.3	
310B12	Power Boiler No. 12	NO <sub>x</sub>	32.7	
		CO	44.8	
		VOC	2.94	
		PM	4.06	
		PM <sub>10</sub>	4.06	
		SO <sub>2</sub>	21.3	
Annual Cap for EPN 310B11 and 310B12 and EPN 305COGEN (Duct Burners)		NO <sub>x</sub>		201
		CO		275
		VOC		27.3
		PM		27.2
		PM <sub>10</sub>		27.2
		SO <sub>2</sub>		5.9

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- (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 an 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 - particulate matter, suspended in the atmosphere, including PM<sub>10</sub>.  
PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter.  
CO - carbon monoxide

- \* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

     Hrs/day      Days/week      Weeks/year or 8760 Hrs/year

- \*\* Compliance with annual emission limits is based on a rolling 12-month period. Once March 1, 2007, is reached, the rolling 12-month period shall reset; and a new period shall begin from March 1 onward which will be used to show compliance with the Post March 1, 2007, Annual Cap.

Dated May 24, 2004

