

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 40720

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 *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
026001S	Boiler 1	NO <sub>x</sub>	4.31	18.88
B26-PWRHSD	Natural gas with no curtailment	PM		.53
	2.32			
	8,760 hours/year	CO	4.26	18.66
	low-NO <sub>x</sub> burners	VOC	.39	1.71
		SO <sub>2</sub>	.04	.18
026005S	Boiler 2	NO <sub>x</sub>	5.74	25.14
B26-PWRHSD	Natural gas with no curtailment	PM		.72
	3.15			
	8,760 hours/year	CO	5.68	24.88
	flue gas recirculation	VOC	.52	2.28
	low-NO <sub>x</sub> burners	SO <sub>2</sub>	.06	.26
026006S	Boiler 3	NO <sub>x</sub>	5.74	25.14
B26-PWRHSD	Natural gas with no curtailment	PM		.72
	3.15			
	8,760 hours/year	CO	5.68	24.88
	flue gas recirculation	VOC	.52	2.28
	low-NO <sub>x</sub> burners	SO <sub>2</sub>	.06	.26
026001S	Boiler 1	NO <sub>x</sub>	10.26	
B26-PWRHSD	720 hours	PM	1.03	
	No. 2 fuel oil	CO	4.26	
	low-NO <sub>x</sub> burners	VOC	.39	
		SO <sub>2</sub>	21.85	
026005S	Boiler 2	NO <sub>x</sub>	13.18	
B26-PWRHSD	720 hours	PM	1.32	
	No. 2 fuel oil	CO	4.46	

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AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
	flue gas recirculation	VOC	.53	
	low-NO <sub>x</sub> burners	SO <sub>2</sub>	28.07	
026006S	Boiler 3	NO <sub>x</sub>	13.18	
B26-PWRHSD	720 hours	PM	1.32	
	No. 2 fuel oil	CO	4.46	
	flue gas recirculation	VOC	.53	
	low-NO <sub>x</sub> burners	SO <sub>2</sub>	28.07	
026001S	Boiler 1 **	NO <sub>x</sub>		21.01
B26-PWRHSD	Natural gas and No. 2 fuel oil		PM	
	2.52			
	curtailment period	CO		18.66
	low-NO <sub>x</sub> burners	VOC		1.71
		SO <sub>2</sub>		8.04
026005S	Boiler 2 **	NO <sub>x</sub>		27.82
B26-PWRHSD	Natural gas and No. 2 fuel oil		PM	
	3.37			
	curtailment period	CO		24.88
	flue gas recirculation	VOC		2.28
	low-NO <sub>x</sub> burners	SO <sub>2</sub>		10.35
026006S	Boiler 3 **	NO <sub>x</sub>		27.82
B26-PWRHSD	Natural gas and No. 2 fuel oil		PM	
	3.37			
	curtailment period	CO		24.88
	flue gas recirculation	VOC		2.28
	low-NO <sub>x</sub> burners	SO <sub>2</sub>		10.35

- (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 - particulate matter, suspended in the atmosphere, including particulate matter less than or equal to 10 microns in diameter.
- CO - carbon monoxide

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- \* Emission rates are based on and the facilities are limited by the referenced maximum operating schedule. A tons-per-year emission rate is not being stated for the firing of No. 2 fuel oil since the firing length is only 720 hours per year.
- \*\* Emission rates are based on the firing of No. 2 fuel oil for a period of 720 hours a year and natural gas firing for the remainder of the year. This is a worst-case scenario for the year; therefore, a lb/hr emission rate is not being stated for simplicity purposes.

Dated\_\_\_\_\_