

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 55464

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*
Emission rate per boiler				
B-1A through B-1H and B-1J through B-1M	Johnstone 98.5 MMBtu/hr Boilers	NO <sub>x</sub>	1.48	-
		CO	3.94	-
		VOC	0.39	-
		PM <sub>10</sub>	0.10	-
		SO <sub>2</sub>	0.13	-
Emission rate cap				
B-1A through B-1H and B-1J through B-1M	Johnstone 98.5 MMBtu/hr Boilers	NO <sub>x</sub>	-	23.65
		CO	-	63.06
		VOC	-	6.31
		PM <sub>10</sub>	-	1.58
		SO <sub>2</sub>	-	2.07
EMG (5)	Emergency Generator	NO <sub>x</sub>	10.23	0.51
		CO	0.81	0.04
		VOC	0.10	0.01
		PM <sub>10</sub>	0.07	<0.01
		SO <sub>2</sub>	0.30	0.015
FWP (5)	Fire Water Pump	NO <sub>x</sub>	12.68	0.63
		CO	3.04	0.15
		VOC	0.16	0.01
		PM <sub>10</sub>	0.78	0.04
		SO <sub>2</sub>	0.26	0.013

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY*
FLR(4)	Emergency Flare	NO <sub>x</sub>	0.03	0.12
		CO	0.01	0.05
		VOC	<0.01	0.01
		PM <sub>10</sub>	<0.01	0.01
		SO <sub>2</sub>	<0.01	<0.01
FUG	Fugitives	VOC	0.16	0.71

- (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. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.  
 CO - carbon monoxide
- (4) Flare emissions are based on the pilot gas combustion emissions for 8,760 hours per year (hrs/yr).
- (5) Emission rates are based on and the facilities are limited to 100 hrs/yr for EPNs EMG and FWP.

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

Dated \_\_\_\_\_