

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 26131

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	Emission Rates *	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY**
46	Boiler No. 4	NO <sub>x</sub>	21.40	81.24
		CO	8.32	23.44
		VOC	0.66	2.88
		PM	0.91	3.97
		SO <sub>2</sub>	0.85	3.72
<u>Initial Engine Emissions: Before Installation of Controls</u>				
29	K10B Compressor Engine (18 MMBtu/hr)	NO <sub>x</sub>	67.20	294.34
		CO	17.29	75.73
		VOC	2.16	9.46
		PM	0.87	3.81
		SO <sub>2</sub>	0.01	0.05
30	K10C Compressor Engine (18 MMBtu/hr)	NO <sub>x</sub>	88.80	388.94
		CO	19.15	83.88
		VOC	2.16	9.46
		PM	0.87	3.81
		SO <sub>2</sub>	0.01	0.05
31	K10D Compressor Engine (12.6 MMBtu/hr)	NO <sub>x</sub>	50.75	222.29
		CO	20.96	91.80
		VOC	1.51	6.61
		PM	0.61	2.67
		SO <sub>2</sub>	<0.01	0.03

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Emission	Source	Air Contaminant	Emission Rates *	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY**
<u>Final Engine Emissions: After Installation of Controls (4)</u>				
29	K10B Compressor Engine (18 MMBtu/hr)	NO <sub>x</sub>	9.60	42.05
		CO	16.80	73.58
		VOC	2.16	9.46
		PM	0.87	3.81
		SO <sub>2</sub>	0.01	0.05
		NH <sub>3</sub>	0.11	0.48
30	K10C Compressor Engine (18 MMBtu/hr)	NO <sub>x</sub>	9.60	42.05
		CO	16.80	73.58
		VOC	2.16	9.46
		PM	0.87	3.81
		SO <sub>2</sub>	0.01	0.05
		NH <sub>3</sub>	0.11	0.48
31	K10D Compressor Engine (12.6 MMBtu/hr)	NO <sub>x</sub>	7.00	30.66
		CO	12.25	53.66
		VOC	1.51	6.61
		PM	0.61	2.67
		SO <sub>2</sub>	<0.01	0.03
		NH <sub>3</sub>	0.08	0.35

(1) Emission point identification - either specific equipment designation or emission point number from a plot plan.

(2) Specific point source name. For fugitive sources, use an area name or fugitive source name.

(3) NO<sub>x</sub> - total oxides of nitrogen

CO - carbon monoxide

VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

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.

SO<sub>2</sub> - sulfur dioxide

NH<sub>3</sub> - ammonia  
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(4) Installation of controls must begin within 18 months of issuance of this permit.

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

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

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

Dated April 22, 2005