EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 73394

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** |
|---|---|---|---|---|
| STK 8 | 896-hp Waukesha L7040 Engine | $NO_x$ | 19.8 | 86.5 |
| | | CO | 19.8 | 86.5 |
| | | VOC | 1.98 | 8.7 |
| | | $SO_2$ | <0.01 | <0.1 |
| | | $PM_{10}$ | 0.16 | 0.7 |
| STK 17 | 1,100-hp Cooper Bessemer GMV-10 Engine | $NO_x$ | 50.9 | 223.1 |
| | | CO | 7.28 | 31.9 |
| | | VOC | 2.43 | 10.6 |
| | | $SO_2$ | 0.01 | <0.1 |
| | | $PM_{10}$ | 0.40 | 1.8 |
| STK 18 | 1,100-hp Cooper Bessemer GMV-10 Engine | $NO_x$ | 50.9 | 223.1 |
| | | CO | 7.28 | 31.9 |
| | | VOC | 2.43 | 10.6 |
| | | $SO_2$ | 0.01 | <0.1 |
| | | $PM_{10}$ | 0.40 | 1.8 |
| STK 19 | 2,600-hp Clark HBAT-10 Engine | $NO_x$ | 120.4 | 527.2 |
| | | CO | 17.2 | 75.3 |
| | | VOC | 5.73 | 25.1 |
| | | $SO_2$ | 0.01 | <0.1 |
| | | $PM_{10}$ | 0.97 | 4.2 |
| STK 20 | 2,600-hp Clark HBAT-10 Engine | $NO_x$ | 120.4 | 527.2 |
| | | CO | 17.2 | 75.3 |
| | | VOC | 5.73 | 25.1 |
| | | $SO_2$ | 0.01 | <0.1 |
| | | $PM_{10}$ | 0.97 | 4.2 |

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates * lb/hr | TPY** |
|---|---|---|---|---|
| STK 21 | 2,600-hp Clark HBAT-10 Engine | $NO_x$ | 120.4 | 527.2 |
| | | CO | 17.2 | 75.3 |
| | | VOC | 5.73 | 25.1 |
| | | $SO_2$ | 0.01 | <0.1 |
| | | $PM_{10}$ | 0.97 | 4.2 |
| STK 22 | 2,600-hp Clark HBAT-10 Engine | $NO_x$ | 120.4 | 527.2 |
| | | CO | 17.2 | 75.3 |
| | | VOC | 5.73 | 25.1 |
| | | $SO_2$ | 0.01 | <0.1 |
| | | $PM_{10}$ | 0.97 | 4.2 |
| STK 23 | 2,600-hp Clark HBAT-10 Engine | $NO_x$ | 120.4 | 527.2 |
| | | CO | 17.2 | 75.3 |
| | | VOC | 5.73 | 25.1 |
| | | $SO_2$ | 0.01 | <0.1 |
| | | $PM_{10}$ | 0.97 | 4.2 |
| STK 24 | 370-hp Ingersoll Rand PVG-8 Engine | $NO_x$ | 18.0 | 78.6 |
| | | CO | 4.08 | 17.9 |
| | | VOC | 0.82 | 3.6 |
| | | $SO_2$ | <0.01 | <0.1 |
| | | $PM_{10}$ | 0.14 | 0.6 |
| STK 25 | 370-hp Ingersoll Rand PVG-8 Engine | $NO_x$ | 18.0 | 78.6 |
| | | CO | 4.08 | 17.9 |
| | | VOC | 0.82 | 3.6 |
| | | $SO_2$ | <0.01 | <0.1 |
| | | $PM_{10}$ | 0.14 | 0.6 |
| STK 26 | 370-hp Ingersoll Rand PVG-8 Engine | $NO_x$ | 18.0 | 78.6 |
| | | CO | 4.08 | 17.9 |
| | | VOC | 0.82 | 3.6 |
| | | $SO_2$ | <0.01 | <0.1 |
| | | $PM_{10}$ | 0.14 | 0.6 |
| STK 27 | 370-hp Ingersoll Rand PVG-8 | $NO_x$ | 18.0 | 78.6 |

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates * lb/hr | TPY** |
|---|---|---|---|---|
| | Engine | CO | 4.08 | 17.9 |
| | | VOC | 0.82 | 3.6 |
| | | $SO_2$ | <0.01 | <0.1 |
| | | $PM_{10}$ | 0.14 | 0.6 |
| STK 28 | 370-hp Ingersoll Rand PVG-8 | $NO_x$ | 18.0 | 78.6 |
| | Engine | CO | 4.08 | 17.9 |
| | | VOC | 0.82 | 3.6 |
| | | $SO_2$ | <0.01 | <0.1 |
| | | $PM_{10}$ | 0.14 | 0.6 |
| STK 30 | 1,350-hp Clark HRAT-8 Engine | $NO_x$ | 62.5 | 273.8 |
| | | CO | 8.93 | 39.1 |
| | | VOC | 2.98 | 13.0 |
| | | $SO_2$ | 0.01 | <0.1 |
| | | $PM_{10}$ | 0.51 | 2.2 |
| STK 31 | 667-hp Superior 8G825 Engine | $NO_x$ | 14.7 | 64.4 |
| | | CO | 14.7 | 64.4 |
| | | VOC | 1.47 | 6.4 |
| | | $SO_2$ | <0.01 | <0.1 |
| | | $PM_{10}$ | 0.10 | 0.5 |
| STK 32 | 667-hp Superior 8G825 Engine | $NO_x$ | 14.7 | 64.4 |
| | | CO | 14.7 | 64.4 |
| | | VOC | 1.47 | 6.4 |
| | | $SO_2$ | <0.01 | <0.1 |
| | | $PM_{10}$ | 0.10 | 0.5 |
| STK 33 | 667-hp Superior 8G825 Engine | $NO_x$ | 14.7 | 64.4 |
| | | CO | 14.7 | 64.4 |
| | | VOC | 1.47 | 6.4 |
| | | $SO_2$ | <0.01 | <0.1 |
| | | $PM_{10}$ | 0.10 | 0.5 |
| STK 34 | 450-hp Superior 6G510 Engine | $NO_x$ | 9.92 | 43.5 |

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates * lb/hr | TPY** |
|---|---|---|---|---|
| | | CO | 9.92 | 43.5 |
| | | VOC | 0.99 | 4.4 |
| | | $SO_2$ | <0.01 | <0.1 |
| | | $PM_{10}$ | 0.07 | 0.3 |

(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
$NO_x$ - total oxides of nitrogen
$SO_2$ - sulfur dioxide
$PM_{10}$ - 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

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

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

_____ Hrs/day __ Days/week __ Weeks/year or 8,760 Hrs/year

Dated May 16, 2005