

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 48794

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** |
| <u>Before March 1, 2007</u> | | | | |
| 2 | Boiler No. 3 160 MMBtu/hr (Firing Natural Gas) | NO _x | 34.6 | 151.7 |
| | | CO | 13.2 | 57.7 |
| | | SO ₂ | 0.1 | 0.4 |
| | | VOC | 0.9 | 3.8 |
| | | PM ₁₀ | 1.2 | 5.2 |
| 3 | Boiler No. 7 534 MMBtu/hr (Firing Natural Gas) | NO _x | 178.2 | 780.7 |
| | | CO | 43.9 | 192.4 |
| | | SO ₂ | 0.3 | 1.4 |
| | | VOC | 2.9 | 12.6 |
| | | PM ₁₀ | 4.0 | 17.4 |
| 4 | W-191G Turbine No. 6 (6) 15 MW | NO _x | 75.8 | 113.8 |
| | | CO | 19.4 | 29.2 |
| | | SO ₂ | 0.8 | 1.2 |
| | | VOC | 0.5 | 0.7 |
| | | PM ₁₀ | 1.6 | 2.3 |
| <u>After March 1, 2007</u> | | | | |
| 2 | Boiler No. 3 160 MMBtu/hr (Firing Natural Gas) | NO _x | 9.6 | 42.0 |
| | | CO | 13.2 | 57.7 |
| | | SO ₂ | 0.1 | 0.4 |
| | | VOC | 0.9 | 3.8 |
| | | PM ₁₀ | 1.2 | 5.2 |
| 3 | Boiler No. 7 534 MMBtu/hr (Firing Natural Gas) | NO _x | 32.0 | 140.2 |
| | | CO | 43.9 | 192.4 |
| | | SO ₂ | 0.3 | 1.4 |
| | | VOC | 2.9 | 12.6 |
| | | PM ₁₀ | 4.0 | 17.4 |

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| | | | | |
|---|-----------------------------------|------------------|------|------|
| 4 | W-191G Turbine No. 6 (7) 15 MW | NO _x | 75.8 | 56.9 |
| | | CO | 19.4 | 14.6 |
| | | SO ₂ | 0.8 | 0.6 |
| | | VOC | 0.5 | 0.4 |
| | | PM ₁₀ | 1.6 | 1.2 |

Before and After March 1, 2007

| | | | | |
|---|---|------------------|-------|------|
| 1 | Boiler No. 1 (4) 80 MMBtu/hr (Firing Natural Gas) | NO _x | 12.5 | 15.7 |
| | | CO | 6.6 | 8.2 |
| | | SO ₂ | 0.1 | 0.1 |
| | | VOC | 0.4 | 0.5 |
| | | PM ₁₀ | 0.6 | 0.7 |
| 1 | Boiler No. 2 (4) 80 MMBtu/hr (Firing Natural Gas) | NO _x | 22.0 | 27.5 |
| | | CO | 6.6 | 8.2 |
| | | SO ₂ | 0.1 | 0.1 |
| | | VOC | 0.4 | 0.5 |
| | | PM ₁₀ | 0.6 | 0.7 |
| 2 | Boiler No. 3 (5) 160 MMBtu/hr (Firing No. 2 Fuel Oil) | NO _x | 25.6 | 9.2 |
| | | CO | 5.6 | 2.0 |
| | | SO ₂ | 53.2 | 19.2 |
| | | VOC | 0.9 | 0.3 |
| | | PM ₁₀ | 2.3 | 0.8 |
| 3 | Boiler No. 7 (5) 534 MMBtu/hr (Firing No. 2 Fuel Oil) | NO _x | 85.4 | 30.7 |
| | | CO | 18.8 | 6.8 |
| | | SO ₂ | 177.4 | 63.9 |
| | | VOC | 2.9 | 1.0 |
| | | PM ₁₀ | 7.5 | 2.7 |

(1) Emission point identification - either specific equipment designation or emission point number.

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AIR CONTAMINANTS DATA

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates * | |
|---------------------------|--------------------|-----------------------------|------------------|-----|
| | | | lb/hr | TPY |

- (2) Specific point source name. For fugitive sources use 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
 CO - carbon monoxide
 SO₂ - sulfur dioxide
 PM - particulate matter, suspended in the atmosphere, including PM₁₀.
 PM₁₀ - particulate matter 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.
- (4) Operation is limited to 2,500 hours per year.
- (5) Fuel oil firing is limited to 720 hours per year.
- (6) Operation is limited to 3,000 hours per year.
- (7) Operation is limited to 1,500 hours per year.

* Unless stated otherwise in the footnotes or special conditions, emission rates are based on an operating schedule of 8,760 hours/year.

** Compliance with the annual emission limits shall be based on a rolling 12-month year rather than the calendar year.

Dated December 8, 2003