

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 18257

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** |
| Natural Gas Fired (4) |                             |                 |                 |                |       |
| BLR4                  | Boiler 4<br>(62.5 MMBtu/hr) |                 | VOC             | 0.2            | 0.9   |
|                       |                             |                 | NO <sub>x</sub> | 6.2            | 27.2  |
|                       |                             | SO <sub>2</sub> | 0.1             | 0.1            |       |
|                       |                             | PM              | 0.2             | 0.9            |       |
|                       |                             | CO              | 2.4             | 10.5           |       |
|                       |                             |                 |                 |                |       |
| BLR12                 | Boiler 6<br>(40 MMBtu/hr)   |                 | VOC             | 0.1            | *     |
|                       |                             |                 | NO <sub>x</sub> | 0.5            | *     |
|                       |                             | SO <sub>2</sub> | 0.1             | *              |       |
|                       |                             | PM              | 0.2             | *              |       |
|                       |                             | CO              | 0.8             | *              |       |
|                       |                             |                 |                 |                |       |
| BLR13                 | Boiler 7<br>(40 MMBtu/hr)   |                 | VOC             | 0.1            | *     |
|                       |                             |                 | NO <sub>x</sub> | 0.5            | *     |
|                       |                             | SO <sub>2</sub> | 0.1             | *              |       |
|                       |                             | PM              | 0.2             | *              |       |
|                       |                             | CO              | 0.8             | *              |       |
|                       |                             |                 |                 |                |       |
| BLR14                 | Boiler 8<br>(40 MMBtu/hr)   |                 | VOC             | 0.1            | *     |
|                       |                             |                 | NO <sub>x</sub> | 0.5            | *     |
|                       |                             | SO <sub>2</sub> | 0.1             | *              |       |
|                       |                             | PM              | 0.2             | *              |       |
|                       |                             | CO              | 0.8             | *              |       |
|                       |                             |                 |                 |                |       |
| BLR15                 | Boiler 9<br>(40 MMBtu/hr)   |                 | VOC             | 0.1            | *     |
|                       |                             |                 | NO <sub>x</sub> | 0.5            | *     |
|                       |                             | SO <sub>2</sub> | 0.1             | *              |       |
|                       |                             | PM              | 0.2             | *              |       |
|                       |                             | CO              | 0.8             | *              |       |
|                       |                             |                 |                 |                |       |

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| Emission<br>Point No. (1)                            | Source<br>Name (2)   | Air Contaminant<br>Name (3) | Emission Rates |       |
|--|--|-----------------------------|----------------|-------|
|  |  |                             | lb/hr          | TPY** |
| BLR16  | Boiler 10<br>(100 MMBtu/hr)  | VOC                         | 0.2            | *     |
|  |  | NO <sub>x</sub>             | 1.1            | *     |
|  |  | SO <sub>2</sub>             | 0.1            | *     |
|  |  | PM                          | 0.4            | *     |
|  |  | CO                          | 1.9            | *     |
|  |  |                             |                |       |
| BLR12, BLR13,<br>BLR14, BLR15,<br>and BLR16 combined | Total tons per year cap<br>firing natural gas on<br>Boiler Nos. 6, 7, 8, 9, and 10 | VOC                         | -              | 2.5   |
|  |  | NO <sub>x</sub>             | -              | 13.6  |
|  |  | SO <sub>2</sub>             | 2.2            |       |
|  |  | PM                          | -              | 5.4   |
|  |  | CO                          | -              | 22.3  |
|  |  |                             |                |       |
| Jet A Fuel (5)                                       |  |                             |                |       |
| BLR4   | Boiler 4<br>(62.5 MMBtu/hr)  | VOC                         | 0.2            | 0.1   |
|  |  | NO <sub>x</sub>             | 7.5            | 15.0  |
|  |  | SO <sub>2</sub>             | 18.9           | 9.5   |
|  |  | PM                          | 0.7            | 0.4   |
|  |  | CO                          | 9.3            | 4.7   |
|  |  |                             |                |       |
| BLR12  | Boiler 6<br>(40 MMBtu/hr)  | VOC                         | 0.2            | *     |
|  |  | NO <sub>x</sub>             | *              | 3.9   |
|  |  | SO <sub>2</sub>             | 11.9           | *     |
|  |  | PM                          | 0.6            | *     |
|  |  | CO                          | 4.5            | *     |
|  |  |                             |                |       |
| BLR13  | Boiler 7<br>(40 MMBtu/hr)  | VOC                         | 0.2            | *     |
|  |  | NO <sub>x</sub>             | *              | 3.9   |
|  |  | SO <sub>2</sub>             | 11.9           | *     |
|  |  | PM                          | 0.6            | *     |
|  |  | CO                          | 4.5            | *     |
|  |  |                             |                |       |

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| Emission<br>Point No. (1)                            | Source<br>Name (2)                                   | Air Contaminant<br>Name (3)    | <u>Emission Rates</u> |       |
|--|--|--------------------------------|-----------------------|-------|
|  |  |                                | lb/hr                 | TPY** |
| BLR14  | Boiler 8   | VOC                            | 0.2                   | *     |
|  |  | (40 MMBtu/hr)                  | NO <sub>x</sub>       | 3.9   |
|  |  |                                | *                     |       |
|  |  |                                | SO <sub>2</sub>       | 11.9  |
|  |  |                                | PM                    | 0.6   |
| BLR15  | Boiler 9<br>(40 MMBtu/hr)                            |                                | CO                    | 4.5   |
|  |  | VOC                            | 0.2                   | *     |
|  |  | NO <sub>x</sub>                | 3.9                   | *     |
|  |  | SO <sub>2</sub>                | 11.9                  | *     |
|  |  | PM                             | 0.6                   | *     |
| BLR16  | Boiler 10<br>(100 MMBtu/hr)                          | CO                             | 4.5                   | *     |
|  |  | VOC                            | 0.4                   | *     |
|  |  | NO <sub>x</sub>                | 9.5                   | *     |
|  |  | SO <sub>2</sub>                | 29.5                  | *     |
|  |  | PM                             | 1.4                   | *     |
| BLR12, BLR13,<br>BLR14, BLR15,<br>and BLR16 combined | Total tons per year cap<br>firing Jet A fuel on<br>- | CO                             | 11.2                  | *     |
|  |  | VOC                            | -                     | 0.6   |
|  |  | NO <sub>x</sub>                | -                     | 12.6  |
|  |  | Boiler Nos. 6, 7, 8, 9, and 10 | SO <sub>2</sub>       | 38.6  |
|  |  | PM                             | -                     | 1.9   |
|  |  | CO                             | -                     | 14.8  |

(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>.

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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 particulate matter greater than 10 microns is emitted.

CO - carbon monoxide

(4) Emission rates for gas firing are limited by the following maximum operating schedule:

\_\_\_\_\_ Hrs/day \_\_\_\_ Days/week \_\_\_\_ Weeks/year or 8,760 Hrs/year

(5) Emission rates for Jet A fuel firing are limited by the following maximum operating schedule:

\_\_\_\_\_ Hrs/day \_\_\_\_ Days/week \_\_\_\_ Weeks/year or 6,000 Hrs/year

\* Cap on tons per year emissions set for Boiler Nos. 6, 7, 8, 9, and 10.

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

Dated October 16, 2003