

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 21716

This table lists the maximum allowable emission rates of the sources of air contaminants covered by this permit.

AIR CONTAMINANTS DATA

| Emission Point No. (1) (4) | Source Name (2) | Air Contaminant Name (3) | <u>Emission Rates</u> | |
|----------------------------------|---------------------|-----------------------------|-----------------------|------|
| | | | lb/hr | TPY |
| A2 | Boiler | VOC | 0.04 | 0.16 |
| | | PM | 0.05 | 0.22 |
| | | NO _x | 0.33 | 1.44 |
| | | CO | 0.55 | 2.41 |
| | | SO ₂ | <0.01 | 0.02 |
| B1 | Boiler | VOC | 0.05 | 0.24 |
| | | PM | 0.07 | 0.34 |
| | | NO _x | 0.49 | 2.16 |
| | | CO | 0.83 | 3.62 |
| | | SO ₂ | <0.01 | 0.03 |
| B3 | Boiler | VOC | 0.05 | 0.24 |
| | | PM | 0.07 | 0.34 |
| | | NO _x | 0.49 | 2.16 |
| | | CO | 0.83 | 3.62 |
| | | SO ₂ | <0.01 | 0.03 |
| C1 | Charring Oven | VOC | 0.01 | 0.04 |
| | | PM | 0.01 | 0.06 |
| | | NO _x | 0.18 | 0.77 |
| | | CO | 0.15 | 0.66 |
| | | SO ₂ | <0.01 | 0.01 |
| E1 | Railcar Vapor Purge | VOC | 2.31 | 0.23 |
| | | PM | 0.40 | 0.20 |
| | | NO _x | 0.38 | 1.67 |
| | | CO | 0.08 | 0.35 |
| | | SO ₂ | <0.01 | 0.01 |

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| Emission Point No. (1) (4) | Source Name (2) | Air Contaminant Name (3) | <u>Emission Rates</u> | |
|----------------------------------|--|-----------------------------|-----------------------|--------|
| | | | lb/hr | TPY |
| F17-F22, F22A, and F22B | Lining Area to include Curing Ovens | VOC (5) | 78.60 | 101.40 |
| | | VOC | 0.11 | 0.47 |
| | | PM | 0.15 | 0.65 |
| | | NO _x | 1.96 | 8.59 |
| | | CO | 1.64 | 7.21 |
| | | SO ₂ | 0.01 | 0.05 |
| H1-H12A | Two Paint Booths with Curing Ovens and One Small Parts Paint Booth | VOC (5) | 151.20 | 130.80 |
| | | PM (5) | 2.64 | 2.28 |
| | | VOC | 0.03 | 0.08 |
| | | PM | 0.04 | 0.12 |
| | | NO _x | 0.49 | 1.99 |
| | | CO | 0.42 | 1.24 |
| | | SO ₂ | <0.01 | 0.01 |
| K | Railcar Cleaning vented to Flare | VOC | 20.87 | 9.34 |
| | | NO _x | 12.47 | 10.37 |
| | | CO | 9.08 | 3.80 |
| | | Ammonia | 3.77 | 0.26 |
| L | Railcar Exterior Grit Blasting | PM | 0.70 | 1.39 |
| M, M1, and M2 | Railcar Interior Grit Blasting | PM | 0.70 | 0.30 |
| N | 3I Cleaning System | VOC | 133.00 | 2.96 |
| | | Inorganics | 10.40 | 0.28 |
| T1 and T2 | Fuel Storage Tank | VOC (6) | 0.02 | 0.07 |

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- (1) Emission point number from plot plan and Table 1(a).
- (2) Specific point source name.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
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.

NO_x - total oxides of nitrogen
CO - carbon monoxide
SO₂ - sulfur dioxide
- (4) For any 12-consecutive month period.
- (5) From lining materials/paints only.
- (6) Fugitive emissions.

Dated November 6, 2003