

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 24575

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) | <u>Emission Rates</u> | |
|------------------------|--|--------------------------|-----------------------|--------|
| | | | lb/hr | TPY(4) |
| 01GENER | Natural Gas-Fired Emergency Power Generator | NO _x | 1.68 | 0.73 |
| | | CO | 2.82 | 1.24 |
| | | PM | 0.01 | <0.01 |
| | | VOC | 0.02 | <0.01 |
| | | SO ₂ | <0.01 | <0.01 |
| 01STEAMERS | Six Natural Gas-Fired Steamers and Two Diesel-Fired Steamers | NO _x | 0.64 | 0.97 |
| | | CO | 0.43 | 0.64 |
| | | PM | 0.05 | 0.08 |
| | | VOC | 0.03 | 0.05 |
| | | SO ₂ | 1.36 | 2.03 |
| 01006 | Welding Operations | PM | <0.01 | 0.02 |
| | | Cr | <0.01 | <0.01 |
| | | Cr(VI) | <0.01 | <0.01 |
| | | Co | <0.01 | <0.01 |
| | | Mn | <0.01 | <0.01 |
| | | Ni | <0.01 | <0.01 |
| | | Pb | <0.01 | <0.01 |
| O/W-SEP-01 | Paint Booth Oil Water Separator and Sump | VOC | 0.40 | 0.02 |
| O/W-SEP-02 | Production Test Pad Oil Water Separator and Sump | VOC | 0.40 | 0.02 |
| O/W-SEP-03 | Engineering Test Pad Oil Water Separator and Sump | VOC | 0.79 | 0.04 |
| TKS-01-UO | 2000 Gallon Used Oil Tank | VOC | <0.01 | <0.01 |
| TKS-04-O/W | 500 Gallon Used Oil Tank | VOC | <0.01 | <0.01 |

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|--|---|-----|-------|-------|
| TKS-17-EG | 1,500 Gallon Ethylene Glycol Tank | VOC | 0.24 | <0.01 |
| TKS-02-HYD | 4,000 Gallon Hydraulic Oil Tank | VOC | <0.01 | <0.01 |
| TKS-03-DSL | 10,000 Gallon Diesel Tank | VOC | 0.42 | <0.01 |
| TKS-05-RDS | 1,500 Gallon Diesel Tank | VOC | 0.06 | <0.01 |
| TKS-06-Oil, TKS-07-Oil, TKS-08-Oil and TKS-09-Oil | 275 Gallon Covered Lubricating Oil Bulk Tanks | VOC | 0.72 | <0.01 |
| TKS-10-EG | 275 Gallon Covered Ethylene Glycol Bulk Tank | VOC | 0.04 | <0.01 |
| TKS-11-SDE | 1,000 Gallon Hydraulic Oil Bulk Tank | VOC | <0.01 | <0.01 |
| TKS-12-SDE | 320 Gallon Ethylene Glycol Mix Bulk Tank | VOC | 0.05 | <0.01 |
| TKS-13-SDE, TKS-14-SDE, TKS-15-SDE and TKS-16-SDE | 320 Gallon Lubricating Oil Bulk Tanks | VOC | 0.72 | <0.01 |
| TKP-MR-01, TKP-MR-02, TKP-MR-03, TKP-MR-05, TKP-MR-06, TKP-IS-07, TKP-MR-08, TKP-IS-09, TKP-DPH-10, TKP-DPH-12 and TKP-DPH-13 | 120 Gallon In Process Lubricating Oil Tanks | VOC | 0.72 | <0.01 |

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|-----------------------------------|--|----------------|-------|------------|
| TKP-ET-14 | 120 Gallon In Process Hydraulic Oil Tank | VOC | <0.01 | <0.01 |
| TKP-DPH-11 | 120 Gallon In Process Diesel Fuel Tank | VOC | <0.01 | <0.01 |
| TKP-LBH-15 | 275 Gallon In Process Diesel Fuel Tank | VOC | 0.01 | <0.01 |
| 01001A and 01001B | Old Paint Booth (OPB) Spray Painting | VOC | 27.40 | 18.60 |
| | | PM | 0.10 | 0.02 |
| 01002A, 01002B, 01002C and 01002D | New Paint Booth (NPB) Spray Painting | VOC | 54.80 | 43.30 |
| | | PM | 0.19 | 0.04 |
| 01008A | Maintenance Fugitives | VOC | 0.34 | 0.65 |
| | | PM | 0.11 | 0.20 |
| 01009A | Aerosol Fugitives | VOC | 3.01 | 5.40 |
| | | PM | 0.40 | 0.71 |
| SITEWIDE | | Individual HAP | | <10.00 (5) |
| | | Total HAPs | | <25.00 |

(1) Emission point identification.

(2) Specific point source names.

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

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

PM - particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}

CO - carbon monoxide

Cr - chromium

Cr(VI) - chromium +6 valence state

Co - cobalt

Mn - manganese

Ni - nickel

Pb - lead

(4) Compliance with annual emission limits is based on a rolling 12-month period.

(5) This HAP limit is being included so that a Title V permit is not required, but due to the EPA's once-in, always-in policy the requirements of Title 40 Code of Federal Regulations Part 63, Subpart

Permit Number 24575

Page 4

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MMMM (Surface Coating of Miscellaneous Metal Parts and Products) remains applicable because the final compliance date passed without inclusion of an enforceable HAP limit in the permit.

Dated December 15, 2008