

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 72776

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** |
| CR-ST-1 | Curer No. 3 1.3 MMBtu/hr | NO _x | 0.005 | 0.017 |
| | | CO | 0.001 | 0.004 |
| | | SO ₂ | <0.001 | |
| | | PM | 0.002 | |
| | | VOC | <0.001 | |
| FT-3-ST-1 | Finrange No. 3 8.8 MMBtu/hr Stack No. 1 | NO _x | 0.129 | 0.462 |
| | | CO | 0.032 | 0.116 |
| | | SO ₂ | <0.001 | 0.002 |
| | | PM | 0.013 | 0.046 |
| | | VOC | 0.538 | 1.936 |
| | | Ethylene Glycol | 0.061 | 0.221 |
| | | Formaldehyde | 0.025 | 0.090 |
| | | Methanol | 0.041 | 0.147 |
| FT-3-ST-2 | Finrange No. 3 8.8 MMBtu/hr Stack No. 2 | NO _x | 0.129 | 0.462 |
| | | CO | 0.032 | 0.116 |
| | | SO ₂ | <0.001 | 0.002 |
| | | PM | 0.013 | 0.046 |
| | | VOC | 0.538 | 1.936 |
| | | Ethylene Glycol | 0.061 | 0.221 |
| | | Formaldehyde | 0.025 | 0.090 |
| | | Methanol | 0.041 | 0.147 |
| FT-3-ST-3 | Finrange No. 3 8.8 MMBtu/hr Stack No. 3 | NO _x | 0.129 | 0.462 |
| | | CO | 0.032 | 0.116 |
| | | SO ₂ | <0.001 | 0.002 |
| | | PM | 0.013 | 0.046 |
| | | VOC | 0.538 | 1.936 |
| | | Ethylene Glycol | 0.061 | 0.221 |
| | | Formaldehyde | 0.025 | 0.090 |
| | | Methanol | 0.041 | 0.147 |

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AIR CONTAMINANTS DATA

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates * | |
|---------------------------|--|-----------------------------|------------------|-------|
| | | | lb/hr | TPY** |
| PD-3-ST | Predryer No. 3 3.6 MMBtu/hr | NO _x | 0.050 | 0.179 |
| | | CO | 0.013 | 0.045 |
| | | SO ₂ | 0.008 | 0.029 |
| | | PM | 0.018 | 0.063 |
| | | VOC | 0.002 | 0.004 |
| FT-4-ST-1 | Finish Tenter No. 4 8.8 MMBtu/hr Stack No. 1 | NO _x | 0.070 | 0.251 |
| | | CO | 0.002 | 0.007 |
| | | SO ₂ | <0.001 | 0.002 |
| | | PM | 0.007 | 0.025 |
| | | VOC | 0.583 | 2.098 |
| | | Ethylene Glycol | 0.062 | 0.221 |
| | | Formaldehyde | 0.025 | 0.091 |
| | | Methanol | 0.041 | 0.147 |
| FT-4-ST-2 | Finish Tenter No. 4 8.8 MMBtu/hr Stack No. 2 | NO _x | 0.070 | 0.251 |
| | | CO | 0.002 | 0.007 |
| | | SO ₂ | <0.001 | 0.002 |
| | | PM | 0.007 | 0.025 |
| | | VOC | 0.583 | 2.098 |
| | | Ethylene Glycol | 0.062 | 0.221 |
| | | Formaldehyde | 0.025 | 0.091 |
| | | Methanol | 0.041 | 0.147 |
| FT-4-ST-3 | Finish Tenter No. 4 8.8 MMBtu/hr Stack No. 3 | NO _x | 0.070 | 0.251 |
| | | CO | 0.002 | 0.007 |
| | | SO ₂ | <0.001 | 0.002 |
| | | PM | 0.007 | 0.025 |
| | | VOC | 0.583 | 2.098 |
| | | Ethylene Glycol | 0.062 | 0.221 |
| | | Formaldehyde | 0.025 | 0.091 |
| | | Methanol | 0.041 | 0.147 |
| CALENDARVT | Hot Calendar vent | NO _x | 0.002 | 0.004 |

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| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates * | |
|---------------------------|--------------------|-----------------------------|------------------|--------|
| | | | lb/hr | TPY** |
| | 0.64 MMBtu/hr | CO | <0.001 | <0.001 |
| | | SO ₂ | <0.001 | <0.001 |
| | | PM | <0.001 | <0.001 |
| | | VOC | <0.001 | <0.001 |
| LPDRYERT | Loop Dryer Vent | NO _x | 0.165 | 0.165 |
| | 3.14 MMBtu/hr | CO | 0.042 | 0.042 |
| | | SO ₂ | <0.001 | <0.001 |
| | | PM | 0.017 | 0.017 |
| | | VOC | 0.035 | 0.035 |
| RANGEVENT1 | Prep Range | NO _x | 0.009 | 0.027 |
| | 1.44 MMBtu/hr | CO | 0.003 | 0.007 |
| | Vent No. 1 | SO ₂ | <0.001 | <0.001 |
| | | PM | 0.001 | 0.003 |
| | | VOC | <0.001 | <0.001 |
| RANGEVENT2 | Prep Range | NO _x | 0.009 | 0.027 |
| | 1.44 MMBtu/hr | CO | 0.003 | 0.007 |
| | Vent No. 2 | SO ₂ | <0.001 | <0.001 |
| | | PM | 0.001 | 0.003 |
| | | VOC | <0.001 | <0.001 |
| RANGEVENT3 | Prep Range | NO _x | 0.009 | 0.027 |
| | 1.44 MMBtu/hr | CO | 0.003 | 0.007 |
| | Vent No. 3 | SO ₂ | <0.001 | <0.001 |
| | | PM | 0.001 | 0.003 |
| | | VOC | <0.001 | <0.001 |
| BLEACHVT1 | Bleach Range | NO _x | <0.001 | <0.001 |
| | 1.5 MMBtu/hr | CO | <0.001 | <0.001 |
| | Vent No. 1 | SO ₂ | <0.001 | <0.001 |
| | | PM | <0.001 | <0.001 |
| | | VOC | 0.018 | 0.036 |
| BLEACHVT2 | Bleach Range | NO _x | <0.001 | <0.001 |

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| | | | | |
|------------|----------------------------|---|--|-------------------------------------|
| | 1.5 MMBtu/hr Vent No. 2 | CO SO ₂ PM VOC | <0.001 <0.001 <0.001 0.018 0.036 | <0.001 <0.001 <0.001 0.036 |
| SLASHVT1 | Slasher vent No. 1 | Methanol Triethanolamine | 0.051 0.007 | 0.184 0.025 |
| SLASHVT2 | Slasher vent No. 2 | Methanol Triethanolamine | 0.051 0.007 | 0.184 0.025 |
| SLASHVT3 | Slasher vent No. 3 | Methanol Triethanolamine | 0.051 0.007 | 0.184 0.025 |
| SLASHVT4 | Slasher vent No. 4 | Methanol Triethanolamine | 0.051 0.007 | 0.184 0.025 |
| SLASHVT5 | Slasher vent No. 5 | Methanol Triethanolamine | 0.051 0.007 | 0.184 0.025 |
| DYHSEWINDO | Dye House Window | VOC Glycol Esters Methanol | 1.250 0.087 0.005 | 4.500 0.311 0.018 |
| INSPVT | Finishing Inspection Vent | NO _x CO SO ₂ PM VOC | --- --- --- --- --- | --- --- --- --- --- |

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

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from a plot plan.

(2) Specific point source names. For fugitive sources, use an area name or fugitive source name.

(3) 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.

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

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

CASE I: ____Hrs/day ____Days/week ____Weeks/year or 7,200 Hrs/year

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

Dated March 24, 2005

