

Emission Sources - Maximum Allowable Emission Rates

Special Permit Number 9828

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, sources, and related activities. 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 | |
|------------------------|--------------------------|--------------------------|----------------|---------|
| | | | lbs/hour | TPY (4) |
| E-1 | Scrubber No. 1 Exhaust | VOC | 41.56 | 4.38 |
| | | PM | 0.07 | 0.12 |
| | | PM ₁₀ | 0.07 | 0.12 |
| | | PM _{2.5} | 0.07 | 0.12 |
| EPRV1 | EP Room Vent 1 | VOC | 0.5 | 0.23 |
| EPRV2 | EP Room Vent 2 | VOC | 0.5 | 0.23 |
| EPWV | EP Room Wall Vent | VOC | 0.5 | 0.23 |
| E-2 | Scrubber No.2 Exhaust | VOC | 26.86 | 0.49 |
| | | PM | 0.10 | 0.09 |
| | | PM ₁₀ | 0.10 | 0.09 |
| | | PM _{2.5} | 0.10 | 0.09 |
| ISRV1 | In-Situ Room Vent 1 | VOC | 6.80 | 0.16 |
| ISRV2 | In-Situ Room Vent 2 | VOC | 6.80 | 0.16 |
| ISRV3 | In-Situ Room Vent 3 | VOC | 6.80 | 0.16 |
| ISRV4 | In-Situ Room Vent 4 | VOC | 6.80 | 0.16 |
| ISWV1 | In-Situ Room Wall Vent 1 | VOC | 6.80 | 0.16 |
| ISWV2 | In-Situ Room Wall Vent 2 | VOC | 6.80 | 0.16 |
| WHRV1 | Warehouse Roof Vent 1 | VOC | 0.09 | 0.01 |
| WHRV2 | Warehouse Roof Vent 2 | VOC | 0.09 | 0.01 |
| WHRV3 | Warehouse Roof Vent 3 | VOC | 0.09 | 0.01 |
| WHRV4 | Warehouse Roof Vent 4 | VOC | 0.09 | 0.01 |
| WHRV5 | Warehouse Roof Vent 5 | VOC | 0.09 | 0.01 |

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|----------|---|-----------------|-------|-------|
| WHRV6 | Warehouse Roof Vent 6 | VOC | 0.09 | 0.01 |
| WHWV | Warehouse Wall Vent | VOC | 2.50 | 0.07 |
| WHWF | Warehouse Wall Fin | VOC | 2.50 | 0.07 |
| POF-FUG | Component Fugitives and Tank Losses (5) | VOC | 80.59 | 1.48 |
| TLD1-FUG | Truck Loading Area 1 (5) | VOC | 9.90 | 0.59 |
| TLD2-FUG | Truck Loading Area 2 (5) | VOC | 9.90 | 0.59 |
| TLD3-FUG | Truck Loading Area 3 (5) | VOC | 9.90 | 0.59 |
| TLD4-FUG | Truck Loading Area 4 (5) | VOC | 9.90 | 0.59 |
| TWA-FUG | Truck Washing Area (5) | VOC | 9.90 | 0.83 |
| T-0923 | Wastewater Storage Tank | VOC | 0.27 | 0.01 |
| T-09111 | Tank 09111 | VOC | 0.01 | 0.01 |
| T-09126 | Tank 09126 | VOC | 0.95 | 0.06 |
| T-09156 | Tank 09156 | VOC | 1.03 | 0.02 |
| T-09157 | Tank 09157 | VOC | 0.01 | 0.01 |
| T-09158 | Tank 09158 | VOC | 1.00 | 0.04 |
| T-09203 | Tank 09203 | VOC | 0.55 | 0.04 |
| BISCRUBR | Tank 09217 | SO ₂ | 0.15 | 0.01 |
| T-09218 | Tank 09218 | VOC | 0.08 | 0.01 |
| T-09219 | Tank 09219 | VOC | 0.08 | 0.01 |
| T-0926 | Tank 0926 | VOC | 0.02 | 0.01 |
| T-0927 | Tank 0927 | VOC | 0.02 | 0.01 |
| T-0930 | Tank 0930 | VOC | 0.01 | 0.01 |
| T-0945 | Tank 0945 | VOC | 0.63 | 0.04 |
| T-0946 | Tank 0946 | VOC | 0.24 | 0.01 |
| T-0947 | Tank 0947 | VOC | 0.01 | 0.01 |
| T-0948 | Tank 0948 | VOC | 0.06 | <0.01 |

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|----------|--------------------------|-------------------|------|-------|
| T-0963 | Tank 0963 | VOC | 1.33 | 0.09 |
| T-09220 | Tank 09220 | VOC | 0.01 | 0.01 |
| T-09221 | Tank 09221 | VOC | 1.48 | 0.10 |
| T-09222 | Tank 09222 | VOC | 0.01 | 0.01 |
| T-09223 | Tank 09223 | VOC | 0.07 | 0.01 |
| T-09301 | Tank 09301 | VOC | 0.07 | <0.01 |
| T-09401 | Tank 09401 | VOC | 0.07 | <0.01 |
| T-09501 | Tank 09501 | VOC | 0.41 | <0.01 |
| T-09601 | Tank 09601 | VOC | 0.27 | <0.01 |
| T-09701 | Tank 09701 | VOC | 0.06 | <0.01 |
| T-09801 | Tank 09801 | VOC | 0.06 | <0.01 |
| TF-FUG | Tank Farm Fugitives (5) | VOC | 0.39 | 1.71 |
| T-Diesel | Diesel Storage Tank | VOC | 0.34 | 0.02 |
| CMP-FUG | Component Fugitives (5) | VOC | 0.62 | 2.73 |
| E-3 | Boiler Exhaust Stack | VOC | 0.04 | 0.19 |
| | | PM | 0.06 | 0.27 |
| | | PM ₁₀ | 0.06 | 0.27 |
| | | PM _{2.5} | 0.06 | 0.27 |
| | | NO _x | 0.40 | 1.75 |
| | | SO ₂ | 0.12 | 0.53 |
| | | CO | 0.67 | 2.95 |
| CT-1 | Cooling Tower | PM | 0.68 | 3.00 |
| | | PM ₁₀ | 0.68 | 3.00 |
| | | PM _{2.5} | 0.68 | 3.00 |
| EE-1 | Emergency Engine Exhaust | VOC | 0.67 | 0.29 |
| | | PM | 0.58 | 0.26 |
| | | PM ₁₀ | 0.58 | 0.26 |
| | | PM _{2.5} | 0.58 | 0.26 |

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|-----------|-------------------------|-------------------|------|------|
| | | NO _x | 8.22 | 3.60 |
| | | CO | 1.77 | 0.78 |
| | | SO ₂ | 0.54 | 0.24 |
| HB-1 | Hot Box 1 Exhaust Stack | VOC | 0.01 | 0.01 |
| HB-2 | Hot Box 2 Exhaust Stack | VOC | 0.01 | 0.01 |
| HB-3 | Hot Box 3 Exhaust Stack | VOC | 0.01 | 0.01 |
| LAB | Lab Hood Exhaust Stack | VOC | 0.01 | 0.02 |
| MSS-Pumps | Pump Maintenance | VOC | 0.01 | 0.01 |
| MSS-PRV | PRV Maintenance | VOC | 0.01 | 0.01 |
| MSS-AST | Storage Tanks | VOC | 0.51 | 0.01 |
| MSS-AERO | Use of Aerosol Products | VOC | 1.31 | 0.03 |
| MSS-VAC | Vacuum Truck Use | VOC | 0.01 | 0.01 |
| MSS-Weld | Welding | PM | 0.55 | 0.01 |
| | | PM ₁₀ | 0.55 | 0.01 |
| | | PM _{2.5} | 0.55 | 0.01 |
| MSS-Blast | Sand Blasting | PM ₁₀ | 0.63 | 0.01 |
| | | PM ₁₀ | 0.63 | 0.01 |
| | | PM _{2.5} | 0.63 | 0.01 |

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan. Emission points from Maintenance, Startup, and Shutdown Activities are listed as MSS-.
- (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
SO₂ - sulfur dioxide
PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
CO - carbon monoxide
- (4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

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Date: February 21, 2024