

Emission Sources - Maximum Allowable Emission Rates

Permit Number 76219

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) |
| DTH | Heater | NOx | 0.16 | 0.69 |
| | | CO | 0.13 | 0.58 |
| | | PM | 0.01 | 0.05 |
| | | PM10 | 0.01 | 0.05 |
| | | PM2.5 | 0.01 | 0.05 |
| | | SO2 | <0.01 | <0.01 |
| | | VOC | 0.01 | 0.04 |
| FUG | Fugitives | VOC | 1.19 | 5.19 |
| | | NH3 | 0.05 | 0.23 |
| | | HCl | 0.05 | 0.23 |
| | | Formaldehyde (6) | 0.02 | 0.07 |
| | | Exempt Solvents | 0.05 | 0.23 |
| T203 | T203 Storage Tank | VOC | 0.05 | <0.01 |
| T204 | T204 Storage Tank | VOC | 0.01 | 0.01 |
| T206 | T206 Storage Tank | VOC | 0.01 | 0.01 |
| T207 | T207 Storage Tank | VOC | 0.05 | <0.01 |
| T210 | T210 Storage Tank | VOC | 0.08 | <0.01 |
| T307 | T307 Storage Tank | VOC | 0.01 | 0.01 |
| T308 | T308 Storage Tank | VOC | 8.86 | 0.06 |
| T310 | T310 Storage Tank | VOC | 8.07 | 0.14 |
| T401 | T401 Storage Tank | VOC | 2.52 | 0.50 |
| T402 | T402 Storage Tank | VOC | 12.59 | 0.26 |
| T403 | T403 Storage Tank | VOC | 12.59 | 0.36 |
| T404 | T404 Storage Tank | VOC | 0.05 | <0.01 |

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| | | | | |
|------|-------------------|-----------------|-------|-------|
| T406 | T406 Storage Tank | VOC | 8.86 | 0.10 |
| T409 | T409 Storage Tank | VOC | 8.07 | 0.14 |
| T410 | T410 Storage Tank | VOC | 8.07 | 0.16 |
| T501 | T501 Storage Tank | VOC | 12.59 | 0.23 |
| T502 | T502 Storage Tank | VOC | 0.01 | 0.01 |
| T503 | T503 Storage Tank | VOC | 0.01 | 0.01 |
| T504 | T504 Storage Tank | VOC | 0.01 | 0.01 |
| T505 | T505 Storage Tank | VOC | 0.01 | 0.01 |
| T506 | T506 Storage Tank | VOC | 0.08 | <0.01 |
| T507 | T507 Storage Tank | VOC | 0.01 | 0.01 |
| T508 | T508 Storage Tank | VOC | 0.08 | <0.01 |
| T509 | T509 Storage Tank | VOC | 0.01 | 0.01 |
| T510 | T510 Storage Tank | VOC | <0.01 | <0.01 |
| T511 | T511 Storage Tank | VOC | 0.01 | 0.01 |
| T514 | T514 Storage Tank | VOC | 0.01 | 0.01 |
| T515 | T515 Storage Tank | VOC | 0.01 | 0.01 |
| BV1 | Blend Vessel 1 | VOC | 6.44 | - |
| | | HCl | 0.45 | - |
| | | Exempt Solvents | 3.13 | - |
| BV2 | Blend Vessel 2 | VOC | 7.34 | - |
| | | HCl | 0.45 | - |
| | | Exempt Solvents | 3.13 | - |
| BV3 | Blend Vessel 3 | VOC | 10.04 | - |
| | | HCl | 0.45 | - |
| | | Exempt Solvents | 3.13 | - |
| BV4 | Blend Vessel 4 | VOC | 3.08 | - |
| | | HCl | 0.45 | - |
| | | Exempt Solvents | 3.13 | - |
| BV5 | Blend Vessel 5 | VOC | 3.08 | - |

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| | | | | |
|---------------|----------------------------|-------------------|-------|-------|
| | | HCl | 0.45 | - |
| | | Exempt Solvents | 3.13 | - |
| R3 | Blend Vessel R3 | VOC | 4.35 | - |
| | | HCl | 0.45 | - |
| | | Exempt Solvents | 3.13 | - |
| BV12345R3 Cap | Blend Vessel Annual Cap | VOC | - | 0.38 |
| | | HCl | - | 0.01 |
| | | Exempt Solvents | - | 0.01 |
| CF1 | Container Filling 1 | VOC | 1.65 | - |
| | | HCl | 1.17 | - |
| | | Exempt Solvents | 0.87 | - |
| CF2 | Container Filling 2 | VOC | 1.65 | - |
| | | HCl | 1.17 | - |
| | | Exempt Solvents | 0.87 | - |
| CF3 | Container Filling 3 | VOC | 1.65 | - |
| | | HCl | 1.17 | - |
| | | Exempt Solvents | 0.87 | - |
| CF4 | Container Filling 4 | VOC | 1.65 | - |
| | | HCl | 1.17 | - |
| | | Exempt Solvents | 0.87 | - |
| TL1 | Truck/Isotainer Loading | VOC | 6.53 | - |
| | | HCl | 3.00 | - |
| | | Exempt Solvents | 3.46 | - |
| CF1234TL1 | Filling/Loading Annual Cap | VOC | - | 2.37 |
| | | HCl | - | 0.02 |
| | | Exempt Solvents | - | 0.01 |
| DRYLOAD | Dry Material Loading | PM | <0.01 | <0.01 |
| | | PM ₁₀ | <0.01 | <0.01 |
| | | PM _{2.5} | <0.01 | <0.01 |

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| | | | | |
|-------|----------|------------------|------|-------|
| SCRUB | Scrubber | VOC | 3.17 | <0.01 |
| | | HCl | 0.04 | <0.01 |
| | | Formaldehyde (6) | 0.03 | <0.01 |

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources, use area name or fugitive source name.
- (3) Exempt Solvent - Those carbon compounds or mixtures of carbon compounds used as solvents which have been excluded from the definition of volatile organic compound.
 - 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
 - HAP - hazardous air pollutant as listed in § 112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations Part 63, Subpart C
 - HCl - Hydrogen Chloride
 - NH₃ - Ammonia
- (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.
- (6) Formaldehyde emissions are included in VOC emission totals.

Date: September 29, 2022