

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 462

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) lb/hr | Emission Rates * | |
|---------------------------|--------------------------|-----------------------------------|------------------|-------|
| | | | TPY | |
| B-1 | 6.5 MM Btu/Hr Boiler | NO _x | 0.63 | 2.74 |
| | | CO | 0.53 | 2.30 |
| | | PM ₁₀ | 0.05 | 0.21 |
| | | SO ₂ | <0.01 | 0.02 |
| | | VOC | 0.03 | 0.15 |
| FU-1 | Plant Fugitives (4) | VOC | 5.40 | 23.67 |
| 1 | Ship Loading | VOC | 1.81 | 0.02 |
| 2 | Barge Loading | VOC | 0.31 | 0.02 |
| 3 | Drum Loading | VOC | 12.30 | 0.21 |
| 12-2 | Incinerator MN-9008 | NO _x | 4.90 | 12.60 |
| | | CO | 4.12 | 10.60 |
| | | PM ₁₀ | 0.37 | 0.96 |
| | | SO ₂ | 0.03 | 0.08 |
| | | VOC | 3.18 | 0.98 |
| 12-3 | Marine Vapor Incinerator | NO _x | 2.78 | 12.17 |
| | | CO | 2.33 | 10.22 |
| | | PM ₁₀ | 0.21 | 0.93 |
| | | SO ₂ | 0.02 | 0.07 |
| | | VOC | 2.39 | 0.95 |
| 14 | Tank Truck Loading | VOC | 0.64 | <0.01 |
| 26 | Tank V9201 | VOC | 0.74 | 2.01 |
| 27 | Tank V9202 | VOC | 40.23 | 0.59 |

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| | | | TPY | |
| 28 | Tank V9203 | VOC | 1.15 | 0.84 |
| 29 | Tank V9204 | VOC | 1.49 | 0.46 |
| 30 | Tank V9205 | VOC | 3.00 | 0.90 |
| 31 | Tank V9206 | VOC | 1.63 | 1.03 |
| 32 | Tank V9217 | VOC | 59.80 | 7.50 |
| 33 | Tank V9301 | VOC | 1.21 | 1.73 |
| 34 | Tank V9302 | VOC | 3.00 | 0.30 |
| 35 | Tank V9303 | VOC | 1.52 | 0.58 |
| 36 | Tank V9304 | VOC | 1.52 | 0.18 |
| 37 | Tank V9305 | VOC | 1.33 | 0.20 |
| 38 | Tank V9306 | VOC | 1.30 | 1.59 |
| 39 | Tank V9407 | VOC | 0.55 | 0.79 |
| 58 | Tank V9401 | VOC | 1.33 | 2.55 |
| 59 | Tank V9402 | VOC | 1.33 | 2.55 |
| 60 | Tank V9403 | VOC | 0.74 | 1.22 |
| 67 | Tank V9701 | VOC | 0.89 | 2.39 |
| 75 | Tank V9227 | VOC | 1.52 | 0.65 |
| 81 | Tank V9601 | VOC | 0.75 | <0.01 |
| 82 | Tank V9602 | VOC | 0.11 | <0.01 |

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|--|---------------------------|-----------------------------------|------------------|-------|
| | | | TPY | |
| 83 | Tank V9603 | VOC | <0.01 | <0.01 |
| 84 | Tank V9604 | VOC | <0.01 | <0.01 |
| 87 | Tank V9608 | VOC | 0.40 | <0.01 |
| 96 | Tank V9606 | VOC | 0.24 | <0.01 |
| 100 | Tank V9266 | VOC | 0.61 | 0.76 |
| 102 | Waste Sump V9247 | VOC | 0.13 | |
| 104 | Waste Sump V1517 | VOC | 0.13 | |
| 105 | Waste Sump V1518 | VOC | 0.13 | |
| 106 | Portable Waste Sump V1519 | VOC | 0.07 | |
| 107 | Portable Waste Sump V1520 | VOC | 0.07 | |
| 108 | Waste Sump V9246 | VOC | 0.02 | |
| 109 | Waste Sump V9263 | VOC | 0.07 | |
| 110 | Waste Sump V9264 | VOC | 0.33 | |
| 111 | Waste Sump V9265 | VOC | 0.33 | |
| Total Annual Allowables for EPNs 102 through 111 | | VOC | | 0.13 |
| 103 | Waste Storage Tank V1516 | VOC | 0.07 | 0.21 |
| 112 | Wastewater Tank V9207 | VOC | 0.42 | 0.01 |
| 113 | Wastewater Tank V9225 | VOC | 0.42 | 0.01 |

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|---------------------------|-----------------------------|-----------------------------------|------------------|------|
| | | | TPY | |
| FU-2 | Organic Waste Drains (4) | VOC | 0.25 | 1.08 |
| FU-3 | Wastewater Drains/Sumps (4) | VOC | 0.10 | 0.44 |

- (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) NO_x - total oxides of nitrogen
CO - carbon monoxide
PM₁₀ - particulate matter (PM) 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.
SO₂ - sulfur dioxide
VOC - volatile organic compounds as defined in 30 Texas Administrative Code Section 101.1
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

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

Hrs/day___ Days/week___ Weeks/year___ or Hrs/year 8,760

Dated _____