

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 42526

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** |
| E2TE2118 | DNP Rundown Tank | VOC | <0.01 | <0.01 |
| E2TE2119 | DNP Rundown Tank | VOC | <0.01 | <0.01 |
| E2TE215 | DNP Bottom Tank | VOC | <0.01 | <0.01 |
| E2TE2156 | DNP-Rerun Storage | VOC | <0.01 | <0.01 |
| E2TE2266 | DNP Storage | VOC | <0.01 | <0.01 |
| E2TE2267 | DNP Storage | VOC | <0.01 | <0.01 |
| E2TE264 | MNP Storage | VOC | <0.01 | <0.01 |
| E2TE265 | MNP Storage | VOC | <0.01 | <0.01 |
| E2TE266 | MNP Storage | VOC | <0.01 | <0.01 |
| E2TE267 | MNP Storage | VOC | <0.01 | <0.01 |
| E2TE268 | MNP Storage | VOC | <0.01 | <0.01 |
| E2TE263 | Phenol Storage | VOC | 0.11 | 0.07 |
| E2TE271 | Phenol Storage | VOC | 0.11 | 0.01 |
| E2TE273 | Wet Phenol Storage | VOC | 0.11 | 0.01 |
| E2TE274 | Wet Phenol Storage | VOC | 0.11 | 0.02 |

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|---------------------------------------------------------------------------------|-------------------------|-----------------------------|------------------|-------|
| | | | lb/hr | TPY** |
| E2TE213 | Solvent Storage | VOC | 16.21 | 0.05 |
| E2TE2269 | Neutralization Blender | VOC | 0.05 | 0.05 |
| TE2262 | Neutralized Oil Storage | VOC | 0.06 | 0.04 |
| TO28 | Nonene Storage Tank | VOC | 1.54 | 0.06 |
| TO61 | Nonene Storage Tank | VOC | 3.18 | 0.26 |
| TO62 | Nonene Storage Tank | VOC | 3.18 | 0.26 |
| E2LREA3C E2LREMW E2LREM4C E2LRMNP5C E2LRPHLW E2LRPHL1C E2DRUM | Neutralized Red Oil | VOC | <0.01 | <0.01 |
| E2FUG | E2 Unit Fugitives (4) | VOC | 1.59 | 6.96 |
| | | BF ₃ | 1.07 | |
| TO6162FUG | T-O-61/62 Fugitives (4) | VOC | <0.01 | 0.013 |
| TO28FUG | T-O-28 Fugitives (4) | VOC | 0.03 | 0.13 |
| E2HE21 | H-E2-1 Heater | VOC | 0.03 | 0.14 |
| | | NO _x | 0.56 | |
| | | SO ₂ | <0.01 | |
| | | PM | 0.04 | |
| | | CO | 0.47 | |

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- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names. For fugitive sources, use an 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 - 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.
CO - carbon monoxide
BF₃ - boron trifluoride
- (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 8,760 Hrs/year

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

Dated July 8, 2002