

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 48975

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) | <u>Emission Rates *</u> | |
|---------------------------|--------------------|-----------------------------|-------------------------|-------|
| | | | lb/hr | TPY** |
| E01A107 | Tank 8007 | Dipotassium Phosphate | 0.01 | 0.01 |
| E01A112 | Tank 8012 | Phosphoric Acid | 0.01 | 0.01 |
| E01A119 | Tank 8110 | Potassium Hydroxide | 0.01 | 0.01 |
| E01A144 | Tank 8310 | VOC | 0.51 | 0.01 |
| E01A152 | Tank 8319 | VOC | 2.03 | 0.02 |
| E01A158 | Tank 8351 | VOC | 1.85 | 0.02 |
| E01A049 | Tank 9001A | VOC | 0.44 | 0.04 |
| E01A051 | Tank 9001C | VOC | 0.39 | 0.03 |
| E01A020 | Tank 9003A | VOC | 0.18 | 0.27 |
| E01A054 | Tank 9003B | VOC | 0.78 | 0.01 |
| E01A022 | Tank 9004B | Acetone | 31.73 | 5.62 |
| E01A055 | Tank 9004C | VOC | 0.15 | 0.17 |
| E01A058 | Tank 9007 | VOC | 0.46 | 0.06 |
| E01A061 | Tank 9010 | VOC | 2.95 | 0.35 |
| E01A063 | Tank 9012 | VOC | 0.10 | 0.10 |

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| | | | lb/hr | TPY** |
| E01A069 | Tank 9104B | VOC | 0.01 | 0.01 |
| E01A072 | Tank 9106 | VOC | 3.89 | 0.15 |
| E01A073 | Tank 9108 | VOC | 3.89 | 0.18 |
| E01A074 | Tank 9109 | VOC | 7.48 | 2.96 |
| E01A076 | Tank 9111 | VOC | 18.95 | 2.39 |
| E01A077 | Tank 9112 | VOC | 0.10 | 0.12 |
| F01A003 | Tank 9113 | VOC | 0.21 | 0.45 |
| E01A078 | Tank 9114 | VOC | 2.18 | 0.88 |
| E01A079 | Tank 9202 | VOC | 0.16 | 0.01 |
| E01A103 | Tank 9608 | VOC | 1.59 | 0.03 |
| E01A033 | Tank Car Cleaning | VOC | 73.66 | 0.30 |
| F01A001 | IPD Fugitives (4) | VOC | 8.29 | 36.30 |
| E01A029 | East Tank Car Transfer Rack | VOC | 10.42 | 0.69 |
| E01A031 | Tank Truck Rack | VOC | 11.51 | 0.07 |
| E01A030 | West Tank Car Transfer Rack | VOC | 0.01 | 0.01 |
| E01A048 | Vapor Incinerator | VOC | 1.09 | 0.02 |
| | | Acetone | 1.10 | 0.01 |
| | | NO _x | 1.10 | 0.02 |

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|---------------------------|--------------------|-----------------------------|------------------|-------|
| | | | lb/hr | TPY** |
| | | CO | 5.59 | 0.09 |
| | | SO ₂ | 0.01 | 0.01 |

- (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
 CO - carbon monoxide
 SO₂ - sulfur dioxide
- (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 August 31, 2009