

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 54380

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 (6) |         |
|------------------------|-------------------------------|--------------------------|--------------------|---------|
|                        |                               |                          | lbs/hour           | TPY (4) |
| 001                    | Regenerative Thermal Oxidizer | VOC                      | 1.62               | 3.61    |
|                        |                               | Exempt Solvent           | 0.40               | 0.90    |
|                        |                               | VOC (5)                  | 0.01               | 0.06    |
|                        |                               | NO <sub>x</sub> (5)      | 0.26               | 1.15    |
|                        |                               | SO <sub>2</sub> (5)      | <0.01              | 0.01    |
|                        |                               | CO (5)                   | 0.22               | 0.96    |
|                        |                               | PM (5)                   | 0.02               | 0.09    |
|                        |                               | PM <sub>10</sub> (5)     | 0.02               | 0.09    |
|                        |                               | PM <sub>2.5</sub> (5)    | 0.02               | 0.09    |
| 002                    | Dust Collector 1              | VOC                      | 13.94              | 24.85   |
|                        |                               | PM                       | 0.56               | 0.99    |
|                        |                               | PM <sub>10</sub>         | 0.56               | 0.99    |
|                        |                               | PM <sub>2.5</sub>        | 0.56               | 0.99    |
|                        |                               | Exempt Solvent           | 3.48               | 6.21    |
| 003                    | Boiler                        | VOC (5)                  | 0.01               | 0.04    |
|                        |                               | NO <sub>x</sub> (5)      | 0.20               | 0.76    |
|                        |                               | SO <sub>2</sub> (5)      | <0.01              | 0.01    |
|                        |                               | CO (5)                   | 0.15               | 0.64    |
|                        |                               | PM (5)                   | 0.01               | 0.06    |
|                        |                               | PM <sub>10</sub> (5)     | 0.01               | 0.06    |
|                        |                               | PM <sub>2.5</sub> (5)    | 0.01               | 0.06    |
| 004                    | Loading Losses                | VOC                      | 0.04               | 0.03    |
| FUG1                   | Piping Losses                 | VOC                      | 0.50               | 2.19    |
|                        |                               | Exempt Solvent           | 0.12               | 0.53    |

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|                                 |   |                |       |        |
|---------------------------------|---|----------------|-------|--------|
| FUG2_IN                         | Inside Warehouse Foam Product Storage             | VOC            | 17.18 | --     |
|                                 |   | Exempt Solvent | 4.30  | --     |
| FUG2_OUT                        | Outside Warehouse Foam Product Storage            | VOC            | 1.56  | --     |
|                                 |   | Exempt Solvent | 0.39  | --     |
| FUG2_IN and FUG2_OUT            | Inside and Outside Warehouse Foam Product Storage | VOC            | --    | 60.58  |
|                                 |   | Exempt Solvent | --    | 15.14  |
| All Emission Points at the Site | All Sources at the Site                           | Individual HAP | --    | <10.00 |
|                                 |   | Total HAPs     | --    | <25.00 |

- (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<sub>x</sub> - total oxides of nitrogen
  - SO<sub>2</sub> - sulfur dioxide
  - PM - total particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>, as represented
  - PM<sub>10</sub> - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>, as represented
  - PM<sub>2.5</sub> - 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
- (4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.
- (5) Products of combustion.
- (6) The allowable emission rates include planned maintenance, startup, and shutdown activities.

Date: August 6, 2019