

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 38517

This table lists the maximum allowable emission rates from all sources of air contaminants covered by this permit

## AIR CONTAMINANTS DATA

| Emission<br>Point No. (1)<br>(3) | Source<br>Name                                | Air Contaminant<br>Name (2) | Emission Rates |       |
|----------------------------------|---|-----------------------------|----------------|-------|
|                                  |   |                             | lb/hr          | TPY   |
| FLM 1                            | 2-Ply Flame Laminator<br>(.216 MMBtu/hr)      | TDI                         | 0.03           | 0.05  |
|                                  |   | Benzene                     | 0.19           | 0.32  |
|                                  |   | Vinyl Chloride              | 0.33           | 0.58  |
|                                  |   | HCl                         | 1.67           | 3.31  |
|                                  |   | Cl <sub>2</sub>             | 0.02           | 0.04  |
|                                  |   | HCN                         | 0.34           | 0.59  |
|                                  |   | PM                          | 1.30           | 2.25  |
|                                  |   | SO <sub>2</sub> (4)         | <0.01          | <0.01 |
|                                  |   | NO <sub>x</sub> (4)         | 0.02           | 0.05  |
|                                  |   | CO (4)                      | 0.02           | 0.04  |
|                                  |   | VOC (4)                     | <0.01          | <0.01 |
|                                  |   | PM (4)                      | <0.01          | <0.01 |
| FLM 2                            | 2 or 3-Ply Flame Laminator<br>(.432 MMBtu/hr) | TDI                         | 0.04           | 0.07  |
|                                  |   | Benzene                     | 0.19           | 0.32  |
|                                  |   | Vinyl Chloride              | 0.33           | 0.58  |
|                                  |   | HCl                         | 3.09           | 5.33  |
|                                  |   | Cl <sub>2</sub>             | 0.04           | 0.06  |
|                                  |   | HCN                         | 0.34           | 0.59  |
|                                  |   | PM                          | 1.70           | 2.94  |
|                                  |   | SO <sub>2</sub> (4)         | <0.01          | <0.01 |
|                                  |   | NO <sub>x</sub> (4)         | 0.04           | 0.09  |
|                                  |   | CO (4)                      | 0.04           | 0.08  |
|                                  |   | VOC (4)                     | <0.01          | 0.01  |
|                                  |   | PM (4)                      | <0.01          | 0.01  |
| FUGITIVES                        | Spray Can Adhesive and Ink<br>Jet Printers    | VOC                         | 9.03           | 39.47 |
|                                  |   | Exempt Solvent              | 1.45           | 6.33  |
|                                  |   | PM                          | 0.01           | 0.04  |

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- (1) Emission point identification from plot plan
- (2) 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 - particulate matter, suspended in the atmosphere, including PM<sub>10</sub>
  - PM<sub>10</sub> - particulate matter equal to or less than of 10 microns in aerodynamic diameter.
  - CO - carbon monoxide
  - Cl<sub>2</sub> - chlorine
  - HCl - hydrogen chloride
  - HCN - hydrogen cyanide
  - TDI - 2, 4, and 2, 6-toluene diisocyanate
  - Exempt solvent - organic compounds not included in definition of VOC
- (3) Rate is for a rolling 12-consecutive months
- (4) Combustion emissions

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