EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 18694

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)        Name (3) | Air Contaminant | Emission Rates * | |
| --- | --- | --- | --- | --- |
| | | | lb/hr | TPY |
| 1** | Thermal Oxidizer Stack | $PM_{10}$ | 0.92 | 4.03 |
| | | VOC | 0.18 | 0.81 |
| | | $NO_x$ | 4.77 | 20.89 |
| | | $SO_2$ | 0.02 | 0.04 |
| | | CO | 2.13 | 9.33 |
| | | $CH_2O$ | 1.92 | 8.41 |
| 4 | Resin Storage Tank Vent | $CH_2O$ | 0.03 | 0.01 |
| 5 | Resin Storage Tank Vent | $CH_2O$ | 0.03 | 0.01 |
| 6 | Resin Storage Tank Vent | $CH_2O$ | 0.03 | 0.01 |
| 7 | Resin Storage Tank Vent | $CH_2O$ | 0.03 | 0.01 |
| 8 | Building Vents (4) | TSP | 0.09 | 0.39 |
| | | $PM_{10}$ | 0.09 | 0.39 |
| | | $CH_2O$ | 0.17 | 0.76 |
| 9 | Edge Trim Baler Vent | TSP | 0.96 | 4.20 |
| | | $PM_{10}$ | 0.96 | 4.20 |
| 10 | Central Vacuum Baghouse | $PM_{10}$ | 0.05 | 0.22 |

(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)    TSP    - total suspended particulate matter (including $PM_{10}$)
       $PM_{10}$    - particulate matter less than 10 microns in diameter
       VOC    - volatile organic compounds as defined in General Rule 101.1 (Does            not

include formaldehyde for this facility)
$NO_x$  - total oxides of nitrogen
$SO_2$  - sulfur dioxide
CO     - carbon monoxide
$CH_2O$ - formaldehyde

(4)  Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.


**  This EPN includes the dryers, overflow box, control box, and thermal oxidizer emissions.

*   Emission rates are based on and the facilities are limited by a maximum glass mat production rate (identified in the confidential file) while complying with the following operating schedule:

Hrs/day___ Days/week___ Weeks/year___ or Hrs/year_8,760_

Dated_____