EMISSION SOURCES – MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 36885

This table lists the maximum allowable emission rates and all sources of air contaminants on the applicant's property covered by this permit.

AIR CONTAMINANTS DATA

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates lb/hr | TPY |
|---|---|---|---|---|
| 1 to 6 | Open Molding FRP Stacks | VOC | 101.2 | 43.8 |
| | | styrene (4) | 28.0 | 96.0 |
| | | PM | 3.6 | 13.4 |
| | | acetone | 8.0 | 30.0 |
| 7 to 8 | Closed Molding FRP Stacks | VOC | 40.0 | 10.1 |
| | | styrene (4) | 8.8 | 32.3 |
| | | acetone | 8.0 | 30.0 |
| 11 | West Dust Collector | PM | 0.11 | 0.47 |
| 12 | East Dust Collector | PM | 0.11 | 0.47 |
| 13 | Mixing Room Dust Collector | PM | 0.45 | 0.10 |
| 20 to 23 | Primer Booth Stacks | VOC | 21.2 | 75.3 |
| | | PM | 0.35 | 1.5 |
| 24 | Touch-Up Booth Stack | VOC | 2.7 | 2.8 |
| | | PM | 0.35 | 1.5 |
| 31 | Curing Oven | VOC (comb.) | 0.014 | 0.06 |
| | | VOC (process) | 0.65 | 2.3 |
| | | $NO_x$ (comb.) | 0.25 | 1.1 |
| | | CO (comb.) | 0.21 | 0.92 |
| | | $SO_2$ (comb.) | 0.0015 | 0.007 |
| | | PM (comb.) | 0.019 | 0.083 |
| 41 | Boiler | VOC (comb.) | 0.014 | 0.06 |
| | | $NO_x$ (comb.) | 0.25 | 1.1 |
| | | CO (comb.) | 0.21 | 0.92 |

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|---|---|---|---|---|
| | | $SO_2$ (comb.) | 0.0015 | 0.007 |
| | | PM (comb.) | 0.019 | 0.083 |

(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)    VOC    –                     volatile organic compounds as defined in General Rule 101.1
   PM   – particulate matter, suspended in the atmosphere, including $PM_{10}$.
   $PM_{10}$ – particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.
   POC  – products of combustion:  $NO_x$, CO, PM, $SO_2$, and VOC
   $SO_2$  – sulfur dioxide
   CO   – carbon monoxide
   $NO_x$  – nitrogen oxides
(4)    styrene emissions are also included in the VOC count