Knox County Department of Air Quality Management

APC Form
(Please Type or Print)

Surface Coating Operation
Non-Title V Permit Application

Please fill out a form for each spray booth, dip tank, and other surface coating equipment

1. Business license name of corporation, company, individual owner, or governmental agency under which the application is submitted:

   [Blank]

   For KCDAQM Use Only
   Source Number

   Emission Unit Number

2. Emission unit name:

   [Blank]

3. Describe articles coated:

   [Blank]

4. Operating schedule:

   Hours per day
   Days per week
   Weeks per year
   Days per year

5. Percentage of yearly operation that occurs during the following quarters: (Total must equal 100%.)

   Dec-Jan-Feb
   Mar-April-May
   June-July-Aug
   Sept-Oct-Nov

6. Equipment data:

   Equipment manufacturer
   Model number
   Date constructed or last modified

   Type of equipment: [ ] Spray booth [ ] Preparation station [ ] Dip tank [ ] Other (describe):

   Spray booth/Preparation station data (if applicable):
   Width (ft)
   Length (ft)
   Depth (ft)
   Open side(s)

   Dip tank data (if applicable):
   Width (ft)
   Length (ft)
   Depth (ft)

7. Method of spraying (if applicable):

   [ ] Air Atomized [ ] High Volume Low Pressure (HVLP) Air Atomized [ ] Air-assisted Airless
   [ ] Airless [ ] Electrostatic-Air Atomized [ ] Electrostatic-Airless [ ] Electrostatic-DISC
   [ ] Other (describe):

   Paint Cup Capacity (fl oz)
   Maximum spray flow (gallons per hour)
   Spray transfer efficiency (%)

8. Exhaust stack data (if applicable): (Complete for each vent or stack. Attach additional sheets if necessary.)

   Height above grade (ft)
   Diameter (ft)
   Flow (actual ft²/min)
   Distance to nearest property line (ft)

   Emission units that share stack:

9. Exhaust control device:

   [ ] None [ ] Filters [ ] Waterwash [ ] Baffle Plates [ ] Adsorption [ ] Other (describe):

   Control Efficiency (%)
10. Compliance demonstration and monitoring/recording devices:
Description of proposed monitoring and recordkeeping to assure compliance with emission limits. Include operating parameters of source and/or control device being monitored (temperature, pressure drop, etc.).

Check all attached monitoring and recording devices:
- [ ] No monitor
- [ ] Pressure drop gauge
- [ ] Temperature gauge
- [ ] Strip chart
- [ ] Electronic data logger
- [ ] Other (describe):

11. Coatings, thinners, and clean-up solvents data:
List all types of coatings, thinners, and clean-up solvents used and attach a Safety Data Sheet (SDS) for each. Attach additional pages with indicated data if needed.

<table>
<thead>
<tr>
<th>Material</th>
<th>Daily Usage (gal/day)</th>
<th>Average Monthly Usage (gal/month)</th>
<th>Density (lb/gal)</th>
<th>VOC Content (lb/gal or % by weight)</th>
<th>Solids Content (lb/gal or % by weight)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Average</td>
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<tr>
<td></td>
<td></td>
<td>Maximum*</td>
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</tbody>
</table>

* For new construction, this quantity will be used as a permit limitation on capacity.

12. Comments:

13. Signature of the responsible official: ____________________________ Date of application: ____________________________