

Knox County Department of Air Quality Management
 Non-Title V Permit Application
 APC-11 Form: Surface Coating Operation
 (Please Type or Print)



Please fill out a form for each spray booth, dip tank, and other surface coating equipment				
1. Business information:			Air Quality Use Only	
Business license name of corporation, company, individual owner, or governmental agency under which the application is submitted				
2. Emission unit name:			Emission Unit Number	
3. Describe articles coated:				
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: <input type="checkbox"/> Spray Booth <input type="checkbox"/> Preparation Station <input type="checkbox"/> Dip Tank <input type="checkbox"/> 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. Spray coating operation data: (complete for a spray coating operation)				
Spray Application Method:	<input type="checkbox"/> Air Atomized <input type="checkbox"/> High Volume Low Pressure (HVLV) Air Atomized <input type="checkbox"/> Air-assisted Airless <input type="checkbox"/> Airless <input type="checkbox"/> Electrostatic-Air Atomized <input type="checkbox"/> Electrostatic-Airless <input type="checkbox"/> Electrostatic-DISC <input type="checkbox"/> Other (describe):		Maximum spray flow (gal/hr)	Spray transfer efficiency (%)
8. Exhaust stack and control device data: (complete for each vent/stack as applicable and attach additional sheets if necessary)				
Height above grade (ft)	Diameter (ft)	Flow (actual ft ³ /min)	Distance to nearest property line (ft)	
Control device(s):	<input type="checkbox"/> None <input type="checkbox"/> Filters <input type="checkbox"/> Waterwash <input type="checkbox"/> Baffle Plates <input type="checkbox"/> Adsorption <input type="checkbox"/> Other (describe):			Control efficiency (%)
Emission units that share this stack:				

9. 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 Electronic data logger
 Strip chart Other (describe):

10. 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.

Material	Daily Usage (gal/day)		Average Monthly Usage (gal/month)	Density (lb/gal)	VOC Content (lb/gal or % by weight)	Solids Content (lb/gal or % by weight)
	Average	Maximum*				

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

11. Comments

12. Based upon information and belief formed after a reasonable inquiry, I certify that the information contained in this application is accurate and true to the best of my knowledge.

Signature of responsible official	Date of application
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