DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF AIR POLLUTION CONTROL
William R. Snodgrass Tennessee Tower
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NON-TITLE V PERMIT APPLICATION
SURFACE COATING DESCRIPTION

Type or print. Submit for each spray booth, dip tank, or other surface coating equipment. Submit with the APC 100.

GENERAL IDENTIFICATION AND DESCRIPTION

1. **Organization's legal name and SOS control number** [as registered with the Tennessee Secretary of State (SOS)]	2. **Emission Source Reference Number**

3. Is this air contaminant source subject to an NSPS or NESHAP rule? Yes ☐ No ☐
If Yes, list rule citation, including Part, Subpart, and applicable Sections:

COATING OPERATION DATA

4. Unique Source ID (name/number/letter that uniquely identifies this air contaminant source, like Paint Line 1)

5. Type of coating operation	Spray booth ☐	Dip tank ☐	Other (describe)

6. Spray booth dimensions	Width (ft.)	Height (ft.)	Depth (ft.)	Number of open sides

7. Method of spray:	Airless ☐	Air atomized ☐	Electrostatic: Airless ☐	Electrostatic: Disc ☐	Electrostatic: Air atomized ☐	Overspray (Percent)	Date purchased *

8. Exhaust data:	Number of fans	Total horsepower	Total volume (CFM)

9. Exhaust control:	None ☐	Waterwash ☐	Exhaust filters ☐	Baffle plates ☐	Adsorption ** ☐	Other (Describe)

10. Exhaust stack data **	Diameter (Ft.)	Height (Ft.) Above Grade	Flow (CFM)	Specify serial numbers that share this vent

11. Control device. Description of proposed monitoring, recordkeeping, and reporting to assure compliance with emission limits. Include operating parameters of control device (flow rate, temperature, pressure drop, etc.).

* The actual surface coating equipment (spray gun, spray heads, etc.) and not the spray booth per se determines the status of the source (new or existing).

** Complete one line for each stack or vent. Attach additional sheets if necessary

NOTE: This application will not be processed unless all of the following information is provided.

MATERIAL DATA

12. Coatings, Thinners, and Clean-up Solvents used:

List all types of coatings, thinners, and clean-up solvents used and attach a statement of the chemical composition of each (i.e. Safety Data Sheet). This statement usually may be obtained from the coating, thinner, or clean-up solvent supplier. The minimum information required is the percent of solids by weight, the percent volatile by weight, the hydrocarbon composition and/or description of the volatile component, and the density of the coating, thinner, or clean-up solvent in pounds per gallon.

Coating name	Base [Water, Powder or Solvent*]	%Solids by Weight	%Volatile by Weight	Density (Lbs. /Gal.)	Quantity used		
					Gallons/Day		Gal./Mo.
					Average	Maximum **	Average
Thinner name							
Clean – up solvent name							

* Name Solvent Base type

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

13. Air contaminants. Emission estimates for each air contaminant emitted from this point should be based on stack sampling results or engineering calculations. Calculations should be attached on a separate sheet. (see instructions for more details)

Air contaminants	Average Emissions (Lbs./Hr.)	Maximum Emissions (Lbs./Hr.)	Concen-tration	Average Emissions (Tons/Yr.)	Potential Emissions (Ton/Yr.)	Emissions Estimation Method Code *	Control Devices *	Control Effi-ciency %
Particulate matter (PM)								
Sulfur dioxide (SO_2)								
Carbon monoxide (CO)			PPM					
Volatile organic compounds (VOC)			PPM					
Nitrogen oxides (NO_X)			PPM					
Hydrogen fluoride (HF)								
Hydrogen chloride (HCl)								
Lead (Pb)								
Greenhouse gases (CO_2 equivalents)								
Hazardous air pollutant (specify)								
Hazardous air pollutant (specify)								
Hazardous air pollutant (specify)								
Hazardous air pollutant (specify)								
Hazardous air pollutant (specify)								
Hazardous air pollutant (specify)								
Other (specify)								
Other (specify)								

* Refer to the tables in the instructions for estimation method and control device codes.

EQUIPMENT DESCRIPTION		
14. Equipment manufacturer	Model number	Serial number (or plant ID)
Construction date		Modification date
Describe any modifications*		
15. Describe articles coated		
16. Comments		

SIGNATURE		
If this form is being submitted at the same time as an APC 100 form, then a signature is not required on this form. Date this form regardless of whether a signature is provided. If this form is NOT being submitted at the same time as an APC 100 form, then a signature is required.		
Based upon information and belief formed after a reasonable inquiry, I, as the responsible person of the above mentioned facility, certify that the information contained in this application is accurate and true to the best of my knowledge. As specified in TCA Section 39-16-702(a)(4), this declaration is made under penalty of perjury.		
17. Signature		**Date**
Signer's name (type or print)	**Title**	**Phone number with area code**