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## INSTRUCTIONS FOR FORM COATINGFORM001 SURFACE COATING OPERATIONS

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Following is a list of District rules pertaining to surface coating and adhesive application operations. Note that for your facility, multiple rules may apply. For instance, if you coat wood and metal parts, Rule 74.30 may apply to the wood parts and Rule 74.12 may apply to the metal parts.

Note that for some substrates, such as plastic, it may be that none of the rules below apply. However, the District will apply appropriate limits as Best Available Control Technology. These limits will be determined during processing of your permit. **You still need to complete this package, including the VOC data, for use of surface coatings and other materials not subject to a rule specified below.**

- 74.2 Architectural Coatings - This package should be used. Rule 74.2 pertains to coatings applied to stationary structures and their appurtenances, to mobile homes, to pavements, or to curbs. There are cases in which the rule applies, but permit requirements do not apply. Refer to Rule 23.F.7 or contact District staff for details on the permit exemptions.
- 74.3 Paper, Fabric, and Film Coating Operations - This package should be used.
- 74.12 Surface Coating of Metal Parts and Products - This package should be used.
- 74.13 Aerospace Assembly and Component Manufacturing Operations - This package should be used. Note that if both Rule 74.13 and another rule apply to the coating of a particular substrate (e.g. - a metal aerospace component - Rules 74.12 and 74.13), Rule 74.13 supersedes the other rule.
- 74.14 Polyester Resin Materials - This package should be used but is not specifically designed for these operations. Usually these materials are not used as surface coatings, but for fabrication. Typically, the styrene monomer content or static test results are needed for resins and gelcoats rather than the VOC content.
- 74.18 Motor Vehicle and Mobile Equipment Coating Operations - Complete the Supplementary Application Package for Motor Vehicles and Mobile Equipment.
- 74.19 Graphic Arts - Complete the Graphic Arts Supplementary Application Package
- 74.19.1 Screen Printing Operations - Complete the Screen Printing Supplementary Application Package
- 74.20 Adhesives and Sealants - This package should be used.
- 74.21 Semiconductor Manufacturing - This package should be used.
- 74.24 Marine Coating Operations - This package should be used.
- 74.24.1 Pleasure Craft Coating and Commercial boatyard Operations - This package should be used.
- 74.30 Wood Products Coatings - This package should be used

For information on the applicability of a rule, please refer to the actual rule.



## SURFACE COATING OPERATIONS

*Please review the applicable District rules (outlined in the instructions for this form). Note that new, modified, or relocated facilities will also be subject to Rule 26, "New Source Review", including provisions for BACT (Best Available Control Technology). Compliance with all applicable rules must be demonstrated. For information on applicability of a rule, please refer to the actual rule. Contact the District if you have any questions.*

**Facility Information**

Will any coatings be applied to Aerospace Components? Aerospace components are any raw material, partial or completed fabricated part, assembly or parts, or completed unit of any aircraft, helicopter, missile, or space vehicle, including mockups and prototypes.	<input type="checkbox"/> Yes <input type="checkbox"/> No
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**Spray Booth Information**

Spray Booth Manufacturer			
Spray Booth Model			
Spray Booth Dimensions (indicate units)	_____ Wide	_____ Long	_____ High
Spray Booth Type	<input type="checkbox"/> Bench <input type="checkbox"/> Floor <input type="checkbox"/> Automotive	Fan Speed (cubic feet per minute) _____ cfm	
Coating is performed with: (Check one)	<input type="checkbox"/> Booth completely closed <input type="checkbox"/> One end of Booth opened		
Particulate Control Equipment (Check all that apply)	<input type="checkbox"/> Filter <input type="checkbox"/> Water Wall	<input type="checkbox"/> Scrubber <input type="checkbox"/> Other _____	

**Information on Operations**

Coating Application Method (Check all that apply)	<input type="checkbox"/> Conventional Air Atomized <input type="checkbox"/> Dip <input type="checkbox"/> Airless <input type="checkbox"/> Flow	<input type="checkbox"/> Air Assisted Airless <input type="checkbox"/> High Volume Low Pressure <input type="checkbox"/> Electrostatic <input type="checkbox"/> Other _____
Drying or Curing Method (Check all that apply)	<input type="checkbox"/> Air Dry <input type="checkbox"/> Heated Air Unit - Temp _____ °F Fuel _____	<input type="checkbox"/> Oven Dry - Temp _____ °F Fuel _____
Maximum Heat Input Rating of Oven or Heated Air Unit – <b>For Natural Gas Fired Units Only</b> (Specify Units)	_____	<input type="checkbox"/> Million BTUs Per Hour <input type="checkbox"/> Other _____
Surface Preparation Technique (Check all that apply)	<input type="checkbox"/> Sanding <input type="checkbox"/> Wipe Cleaning	<input type="checkbox"/> Blasting <input type="checkbox"/> Other _____
Cleanup Techniques (Check all that apply)	<input type="checkbox"/> Wipe Cleaning <input type="checkbox"/> Enclosed Gun Cleaner <input type="checkbox"/> Other _____	<input type="checkbox"/> Dip Cleaning <input type="checkbox"/> Low Emission Spray Gun Cleaner

## SURFACE COATING OPERATIONS

***SURFACE COATINGS, ADHESIVES, AND OTHER MATERIALS. Use page 3 to report cleanup, surface preparation, and stripping materials  
Use one line to report each material. Use additional forms to report more than 7 materials.***

Material (e.g., Coating) Brand & Product Name or Code	Reducer Brand & Product Name or Code	Hardener Brand & Product Name or Code	Mix Ratio <sup>1</sup>				Substrate Applied To <sup>2</sup> : (e.g., plastic, metal, wood)	Applicable Rule <sup>3</sup> (e.g., 74.12, 74.20)	VOC Content as Mixed, As Computed Less Water & Less Exempt solvents (Grams per Liter/Minus,Minus)	Category <sup>4</sup> (e.g., primer, clear topcoat, contact adhesive)	Proposed Maximum Annual Usage (Gal/Year)
			M	R	H	W					

1 – M - Material R – Reducer or Thinner H – Hardener or Catalyst W – Water

2 - This information will be used to verify the applicable rule.

3 - Rule applicability depends on the substrate. If you are unable to complete this column, you need to describe on a separate sheet, all the items the coating, ink, or adhesive is applied to.

4 - This column needs to be completed to determine the corresponding VOC limit. Refer to the VOC categories specified for the applicable rule.

To convert from pounds per gallon to grams per liter, multiply by 120.

**NOTE: YOU ALSO NEED TO SUPPLY MANUFACTURER’S SUPPORTING VOC DOCUMENTATION FOR EACH COATING, ADHESIVE, AND OTHER MATERIAL, AS MIXED, AND AS COMPUTED LESS WATER AND EXEMPT ORGANIC COMPOUNDS.**

## SURFACE COATING OPERATIONS

***SURFACE PREPARATION, CLEANUP, AND STRIPPING MATERIALS. Use page 2 to report surface coatings, adhesives, and other materials. Use one line to report each material. Use additional forms to report more than 6 materials.***

Usage Type (see below)	Material (e.g., Coating) Brand & Product Name or Code	Additional Component Brand & Product Name or Code	Mix Ratio <sup>1</sup>			Applicable Rule <sup>2</sup> (e.g., 74.12, 74.20)	VOC Content as Mixed (Grams per Liter)	ROC Composite Partial Pressure <sup>3</sup> (mmHg @ 20°C)	Proposed Maximum Annual Usage (Gal/Year)
			M	AC	W				

1 - M - Material AC - Additional Component W - Water

2 - Specify the applicable rule. For instance, if the cleaning is being performed in association with the coating of non-aerospace metal parts, Rule 74.12 applies.

3 - Does not apply to surface preparation materials.

Type Code	Usage Type Description
SP	Surface Preparation Prior to Coating
SG	Cleanup of Spray Gun
OC	Other Cleaning of Uncured Paint
ST	Stripping of Cured Paint

To convert from pounds per gallon to grams per liter, multiply by 120.

**NOTE: YOU ALSO NEED TO SUPPLY MANUFACTURER'S SUPPORTING VOC DOCUMENTATION FOR EACH COMPONENT.**

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			M	R	H	W					
Acme 2630	Acme 2631	Acme 2632	4	1	1	-	Metal Computer Parts	74.12	340	General Coating	100
ABC Coatings Stain BX3	ABC Reducer 25A	N/A	5	1	-	-	Wood Furniture	74.30	240	High-Solid Stain	50
ABC Topcoat #100	ABC Reducer 100A	N/A	3	1	-	-	Wood Furniture	74.30	260	Clear Topcoat	300
U-Glue-It B325	N/A	N/A	1	-	-	-	Wood Furniture	74.30	25	Wood to Wood Adhesive	150
SAMPLE											

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			M	AC	W				
SP	Acme Prep-All	-	1	-	5	74.12	70	N/A	30
SG	Acme Gun Cleaner 457	-	1	-	-	74.12	827	45	100

SAMPLE

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