



YOLO-SOLANO AIR QUALITY MANAGEMENT DISTRICT

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**COATING OPERATIONS: AUTOMOTIVE
APPLICATION INSTRUCTIONS & SUPPLEMENTAL FORM 155**

For operation of vehicle and mobile equipment coating operations, please submit this completed form and required supplemental information with an Authority to Construct (ATC) application form and the applicable filing fees. The filing fees for an initial ATC or for a modification of a vehicle and mobile equipment coating operation which already has a District Permit to Operate (PTO) are identified in Form 06.

This completed form will also serve to certify the coating operation's required notification of applicability for, or exemption from, the requirements of 40 CFR Part 63, Subpart HHHHHH (National Emission Standards for Hazardous Air Pollutants: Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources). After the ATC is granted for any equipment, deviations from the approved plans are not permissible without first securing additional written approval for the changes from the Air Pollution Control Officer.

SECTION 1 - Please provide the following

- 1. Material Data: It is the applicant's responsibility to maintain compliance with current VOC content standards. A set of Material Safety Data Sheets (MSDS) must be available upon request.

SECTION 2 - Company Information

- 1. Company Name: _____
Facility Address: _____
City: _____ State: _____ Zip: _____

- 2. Compliance Records: Kept at the address listed above
Address: _____
City: _____ State: _____ Zip: _____

SECTION 3 - Spray Booth Information

- 1. Booth Type: Fully Enclosed * Open Faced None
Booth Manufacturer: _____ Model: _____
Outside Dimensions: Height: _____ x Width: _____ x Length: _____

* Fully enclosed with a full roof and four complete walls (or complete side curtains).

- 2. Exhaust Control: Dry Filter System Water Wash Filter System *
 Equipped with an Automatic Pressure Balancing System
Filter Types: Paper Fabric Other: _____
Total Exhaust Rate: _____ SCFM
Filter Efficiency: _____ % **

* Please provide written description with manufacturer's data.

** Please provide supporting manufacturer's data if subject to 40 CFR Part 63, Subpart HHHHHH (see Section 7 below).

- 3. Booth Heating System (check one):
 No Booth Heater

Electric Booth Heater

Natural Gas Fired Heater * Max. Rating: _____ BTU/hr million BTU/hr

Propane Fired Heater * Max. Rating: _____ BTU/hr million BTU/hr

* New paint booths may require the installation of a non-resettable, totalizing fuel flow meter.

SECTION 4 - Coating Information

1. Coating Application Method (*check all that apply*):

Brush, Dip, Roller: Yes No

Electrostatic: Yes No

High-Volume Low-Pressure (HVLP): Yes No

HVLP Equivalent: Yes * No

Alternative Methods: Yes ** No

* Provide information per District Rule 2.26, §304.4.

** Provide information per District Rule 2.26, §304.5.

2. Identify the manufacturer(s) and product line(s) of all the spray-applied coatings used at this facility. Attach additional pages to this petition, if necessary.

Product Manufacturer	Product Line	Contains Target HAP *
		<input type="checkbox"/> Yes <input type="checkbox"/> No
		<input type="checkbox"/> Yes <input type="checkbox"/> No
		<input type="checkbox"/> Yes <input type="checkbox"/> No
		<input type="checkbox"/> Yes <input type="checkbox"/> No
		<input type="checkbox"/> Yes <input type="checkbox"/> No
		<input type="checkbox"/> Yes <input type="checkbox"/> No
		<input type="checkbox"/> Yes <input type="checkbox"/> No
		<input type="checkbox"/> Yes <input type="checkbox"/> No
		<input type="checkbox"/> Yes <input type="checkbox"/> No
		<input type="checkbox"/> Yes <input type="checkbox"/> No

* See Section 7 for a list of "Target HAPs."

3. Maximum Coating and Surface Preparation and Cleanup Solvent Usages:

Product Category	Daily [gallons]	Qtr #1 (Jan 1-Mar 31) [gallons]	Qtr #2 (Apr 1-June 30) [gallons]	Qtr #3 (July 1-Sept 30) [gallons]	Qtr #4 (Oct 1-Dec 31) [gallons]	Yearly [gallons]
Adhesion Promoter						
Clear Coating						
Color Coating						
Multi-Color Coating						
Pretreatment Coating						
Primer						
Primer Sealer						
Single-Stage Coating						
Temporary Protective Coating						
Truck Bed Liner						
Underbody Coating						
Uniform Finish Coating						
Any Other Coating Type Not Listed Above						
Total Coatings						
Surface Preparation and Cleanup Solvent						

4. The volatile organic compounds (VOC) limits listed below are the maximum levels allowed, as specified in Section 302 of District Rule 2.26.

Coating Category	Regulatory VOC Content grams per liter (pounds per gallon)
Adhesion Promoter	540 (4.5)
Clear Coating	250 (2.1)
Color Coating	420 (3.5)
Multi-Color Coating	680(5.7)
Pretreatment Coating	660 (5.5)
Primer	250 (2.1)
Primer Sealer	250 (2.1)
Single-Stage Coating	340 (2.8)
Temporary Protective Coating	60 (0.5)
Truck Bed Liner	310 (2.6)
Underbody Coating	430 (3.6)
Uniform Finish Coating	540 (4.5)
Any Other Coating Type Not Listed Above	250 (2.1)

SECTION 5 - Solvent Information

1. Surface Preparation and Cleanup *(check all that apply)*:
 Solvent Type(s): Solvent with a maximum VOC content of 25 grams per liter or less
 Other: _____

 Application Method(s): Wipe Cleaning
 Spray bottles or closed containers with maximum capacity of 16 oz. from which solvents are applied without a propellant induced force
 Other: _____

2. Spray Equipment Cleanup *(check all that apply)*:
 Solvent Type: Solvent with a maximum VOC content of 25 grams per liter or less
 Other: _____

 Cleaning Method: Fully Enclosed Gun Cleaner
 Other: _____

SECTION 6 - Cured Coating Stripper Information

1. Stripping of Cured Coatings *(check all that apply)*:
 Method(s): None
 Use products containing Methylene Chloride (MeCl)
 Use products not containing MeCl

2. Identify the manufacturer(s) and product line(s) of cured coating strippers used at this facility. Attach additional pages to this petition, if necessary.

Product Manufacturer	Product Line	Contains Methylene Chloride *
		<input type="checkbox"/> Yes <input type="checkbox"/> No
		<input type="checkbox"/> Yes <input type="checkbox"/> No
		<input type="checkbox"/> Yes <input type="checkbox"/> No
		<input type="checkbox"/> Yes <input type="checkbox"/> No
		<input type="checkbox"/> Yes <input type="checkbox"/> No

3. Maximum Cured Coating Stripper Usage:

Product Category	Daily [gallons]	Qtr #1 (Jan 1-Mar 31) [gallons]	Qtr #2 (Apr 1-June 30) [gallons]	Qtr #3 (July 1-Sept 30) [gallons]	Qtr #4 (Oct 1-Dec 31) [gallons]	Yearly [gallons]
Cured Coating Stripper						

SECTION 7 - National Emission Standards for Hazardous Air Pollutants (NESHAP)

The following information is required in order to determine the applicability of 40 CFR Part 63, Subpart HHHHHH (NESHAP Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources).

Based on the provisions of 40 CFR Part 63, Subpart HHHHHH and Rule 2.26, Section 308, target hazardous air pollutant (“**Target HAP**”) containing spray-applied coatings are considered products containing the following compounds in the following amounts:

- a. Any amount of cadmium (Cd) or hexavalent chromium (Cr(VI));
- b. Chromium (Cr), lead (Pb), or nickel (Ni) in amounts greater than or equal to 0.1% by mass; or
- c. Manganese (Mn) in amounts greater than or equal to 1.0 % by mass.

1. 40 CFR Part 63, Subpart HHHHHH Notification and Certification Statements (check one):

Exemption Petition: I have consulted reliable analyses (MSDS’s or other information obtained from the coating manufacturer) and determined that the proposed coatings and cured coating strippers do not contain any target HAPs or methylene chloride, respectively. If circumstances change such that we intend to spray-apply target HAP containing coatings or use cured coating strippers containing methylene chloride, we will submit the initial notification required by 40 CFR Part 63.11175 and will comply with the requirements of 40 CFR Part 63, Subpart HHHHHH. The future use of spray application of target HAP containing coatings in a surface coating operation, or the use of cured coating strippers containing methylene chloride, voids any exemption that might be granted as a result of this petition.

Initial Notification: I am requesting that Authority to Construct Form 01 and Supplemental Form 155 be used as the Initial Notification for the new or modified automotive coating operation not previously subject to the requirements of 40 CFR Part 63, Subpart HHHHHH. I request that the ATC be issued with the necessary operating conditions needed to satisfy the requirements of Subpart HHHHHH, and therefore allow my facility to spray-apply coatings containing target HAPs, and/or apply cured coating strippers containing MeCl. The facility will be in compliance with the requirement of the subpart upon starting up under the new permit.

Notification of Compliance Status: I am requesting that Authority to Construct Form 01 and Supplemental Form 155 be used as the Notification of Compliance Status for the modified automotive coating operation already subject to the requirements of 40 CFR Part 63, Subpart HHHHHH. The facility is already in compliance with the requirement of the subpart. Also, this form will satisfy the Annual Notification of Changes report for the modified operation as required by 40 CFR Part 63.11176.

2. Certification by Responsible Official:

I certify, under penalty of law, to the truth, accuracy, and completeness of the information provided in this form.

Print Name: _____ Title: _____

Signature: _____ Date: _____

**(ORIGINAL SIGNATURE REQUIRED.
NO PHOTOCOPIES.)**

SELECTED DEFINITIONS - District Rule 2.26 (Motor Vehicle and Mobile Equipment Coating Operations)

ADHESION PROMOTER: A coating which is labeled and formulated to be applied to un-coated plastic surfaces to facilitate bonding of subsequent coatings, and on which, a subsequent coating is applied.

CLEAR COATING: Any coating that contains no pigments and is labeled and formulated for application over a color coating or clear coating.

COLOR COATING: Any pigmented coating, excluding adhesion promoters, primers, and multi-color coatings, that requires a subsequent clear coating and which is applied over a primer, adhesion promoter, or color coating. Color coatings include metallic/iridescent color coatings.

CURED COATINGS, CURED INKS, AND CURED ADHESIVES: Coatings, inks, and adhesives which are dry to the touch (defined in Section 208 of District Rule 2.31 - Surface Preparation and Cleanup).

MULTI-COLOR COATING: Any coating that exhibits more than one color in the dried film after a single application, is packaged in a single container, and hides surface defects on areas of heavy use, and which is applied over a primer or adhesion promoter.

PRETREATMENT COATING: Any coating which contains a minimum of one half (0.5) percent acid by weight and not more than 16 percent solids by weight necessary to provide surface etching and is labeled and formulated for application directly to bare metal surfaces to provide corrosion resistance and adhesion.

PRIMER: Any coating, which is labeled and formulated for application to a substrate to provide: 1) a bond between the substrate and subsequent coats; 2) corrosion resistance; 3) a smooth substrate surface; or 4) resistance to penetration of subsequent coats, and on which a subsequent coating is applied. Primers may be pigmented.

PRIMER SEALER: Any coating which is labeled and formulated for application prior to the application of a color coating for the purpose of color uniformity, or to promote the ability of the underlying coating to resist penetration by the color coating.

SINGLE-STAGE COATING: Any pigmented coating, excluding primers and multi-color coatings, labeled and formulated for application without a subsequent clear coat. Single-stage coatings include single-stage metallic/iridescent coatings.

TEMPORARY PROTECTIVE COATING: Any coating which is labeled and formulated for the purpose of temporarily protecting areas from overspray or mechanical damage.

TRUCK BED LINER COATING: Any coating, excluding clear, color, multi-color, and single stage coatings, labeled and formulated for application to a truck bed to protect it from surface abrasion.

UNDERBODY COATING: Any coating labeled and formulated for application to wheel wells, the inside of door panels or fenders, the underside of a trunk or hood, or the underside of the motor vehicle.

UNIFORM FINISH COATING: Any coating labeled and formulated for application to the area around a spot repair for the purpose of blending a repaired area's color or clear coat to match the appearance of an adjacent area's existing coating.

MOST RESTRICTIVE VOC LIMIT: If anywhere on the container of any automotive coating, or any label or sticker affixed to the container, or in any sales, advertising, or technical literature supplied by a person, any representation is made that indicates that the coating meets the definition of or is recommended for use for more than one of the coating categories listed in Section 302 of Rule 2.26, then the lowest VOC content limit shall apply.