

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

RULE 19 - SURFACE PREPARATION AND COATING OF MISCELLANEOUS METAL PARTS AND PRODUCTS

**REGULATION 8
ORGANIC COMPOUNDS**

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REGULATION 8
ORGANIC COMPOUNDS
RULE 19
SURFACE PREPARATION AND COATING OF MISCELLANEOUS METAL
PARTS AND PRODUCTS

(Adopted January 9, 1980)

8-19-100 GENERAL

8-19-101 Description: The purpose of this Rule is to limit the emission of volatile organic compounds from the surface preparation and coating of miscellaneous metal parts and products as defined in Section 8-19-204. Any operation which is determined to be exempt from the provisions of this Rule shall be subject to the provisions of Rule 4, if not already subject to another rule of Regulation 8.

(Amended 12/19/84; 10/16/02)

8-19-110 Exemption, Low Usage Coatings: The requirements of Sections 8-19-302 and 312 shall not apply to the use of any coating used in volumes less than 75.7 liters (20 gal) in any one calendar year, provided the requirements in Section 8-19-405 are satisfied. A person shall be limited to 378.5 liters (100 gal) total coating per year under this exemption.

(Amended 12/19/84; 12/18/85; 6/7/89; 2/3/93)

8-19-111 Exemption, Adhesives: The provisions of this Rule shall not apply to the application of adhesives. The application of adhesives is subject to the requirements of Regulation 8, Rule 51.

(Amended 12/19/84; 12/18/85; 2/3/93)

8-19-112 Exemption, Touch-up: The provisions of this Rule shall not apply to touch-up operations.

(Amended December 18, 1985)

8-19-113 Exemption, Specific Operations: The provisions of this Rule shall not apply to the coating of the following types of products, which may be subject to other rules of Regulation 8.

113.1 Light-duty and medium-duty motor vehicles (original equipment manufacturing) (Rule 13)

113.2 Metal containers and closures (cans, drums, lids, etc.) and metal coil (Rule 11)

113.3 Magnet wire for use in electrical machinery (Rule 26)

113.4 Metal furniture or large appliances (Rule 14)

113.5 Aircraft or aerospace vehicles (Rule 29)

113.6 Motor vehicle and mobile equipment coating operations (Rule 45)

113.7 Marine vessels and component parts (Rule 43).

113.8 Stationary structures and their appurtenances which require architectural coatings, except where baked coatings are applied (Rule 3)

113.9 Magnetic data storage disks (Rule 38)

113.10 Test panels for evaluation of coating performance (Rule 4)

(Amended 12/2/81; 12/19/84; 12/18/85; 1/7/87; 4/1/87; 6/7/89; 2/3/93; 10/16/02)

8-19-114 Exemption, Aerosol Cans: The provisions of this Rule shall not apply to coating operations employing hand-held aerosol cans. Such coating is subject to the provisions of Regulation 8, Rule 49 or to the California Air Resources Board aerosol coating product regulation found in Title 17 of the California Code of Regulations, beginning at Section 94520.

(Amended 12/2/81; 12/19/84; 12/18/85; 6/20/90; 10/16/02)

8-19-115 Deleted April 1, 1987

8-19-116 Deleted January 7, 1987

8-19-117 Exemption, Stencil Coatings: The requirements of this Rule shall not apply to coatings that are applied by template in order to add designs, letters and/or numbers to the products.

(Adopted December 2, 1985)

8-19-118 Deleted April 1, 1987

- 8-19-119 Deleted April 1, 1987**
- 8-19-120 Exemption, Powder Coatings:** The requirements of Sections 8-19-302 and 312 shall not apply to the use of any powder coating provided the emission of VOC to the atmosphere does not exceed that which is equivalent to the use of coatings which comply with those limits.
(Adopted 12/19/84; Amended 4/1/87; 6/7/89)
- 8-19-121 Deleted April 1, 1987**
- 8-19-122 Deleted December 18, 1985**
- 8-19-123 Exemption, Solid Film Lubricant:** The provisions of this Rule shall not apply to any solid film lubricant.
(Adopted December 19, 1984)
- 8-19-124 Deleted January 7, 1987**
- 8-19-125 Deleted April 1, 1987**
- 8-19-126 Deleted April 1, 1987**
- 8-19-127 Deleted April 1, 1987**
- 8-19-128 Deleted April 1, 1987**
- 8-19-129 Deleted April 1, 1987**
- 8-19-130 Exemption, Cathode Coatings:** The provisions of this Rule shall not apply to any electrical cathode coating.
(Adopted December 18, 1985)
- 8-19-131 Exemption, Chemical Milling Maskant Coatings:** The provisions of this Rule shall not apply to any chemical milling maskant coating.
(Adopted December 18, 1985)
- 8-19-132 Deleted April 1, 1987**
- 8-19-133 Exemption, Spray Application Equipment:** The requirements of Section 8-19-313 shall not apply to the following operations:
- 133.1 The application of coatings to achieve a two-tone finish.
 - 133.2 The application of cutback asphalt coatings.
 - 133.3 The application of solvent-borne coatings with a solids content of at least 60 percent by volume to achieve a smooth finish on flat, front panels specified by original equipment manufacturers of computer, electronics and medical instrumentation equipment. This exemption only applies to coatings subject to the limits of Section 8-19-302.
 - 133.4 The application of coatings to the inner surface area of pipes which require a spray gun nozzle extension.
 - 133.5 The application of pretreatment wash primers.
 - 133.6 The application of a textured finish coat.
- (Adopted February 3, 1993)*
- 8-19-134 Limited Exemption, Coating Records:** The requirements of subsection 8-19-501.2 shall not apply to individual source operations using less than 75.7 liters (20 gal) of coating in any calendar year, unless otherwise specified in permit conditions pursuant to Regulation 2-1-403. A person shall maintain monthly records of coating usage under this exemption.
(Adopted February 3, 1993)
- 8-19-135 Exemption, Printed Circuit Boards:** The requirements of this Rule shall not apply to coatings applied to assembled printed circuit boards. This coating operation is subject to Regulation 8, Rule 4.
(Adopted February 3, 1993)
- 8-19-136 Limited Exemption, Specialty Coatings:** The requirements of Section 8-19-312 shall not apply to the following specialty coatings, provided that the VOC of those coatings does not exceed the following VOC limits and provided that the requirements of Section 8-19-407 are met.
- | | |
|--------------------------------------|-----------|
| 136.1 High Performance Architectural | 750 (6.2) |
| 136.2 Pretreatment Wash Primer | 780 (6.5) |
| 136.3 Silicone Release | 700 (5.8) |
| 136.4 Extreme Performance | 750 (6.2) |
| 136.5 High Temperature | 550 (4.6) |
- Any person seeking to use a coating subject to subsection 8-19-136.4 shall be limited to 3785 liter (1000 gal) of coating in any calendar year.
(Adopted June 15, 1994)

8-19-137 Limited Exemption, Specific Surface Preparation and Cleaning Operations: The surface preparation standards in Section 8-19-321 shall not apply to (i) the surface preparation of electrical and electronic components or medical devices, (ii) surfaces prepared for adhesive bonding of dissimilar substrates, (iii) stripping of cured inks, coatings and adhesives or cleaning of resin, coating, ink and adhesive mixing, molding and application equipment, or (iv) surface preparation associated with research and development operations; performance testing to determine coating, adhesive or ink performance; or testing for quality control or quality assurance purposes.

(Adopted October 16, 2002)

8-19-138 Limited Exemption, Military Components: The requirements of Section 8-19-321 shall not apply to the surface preparation of any military component for which a contract exists that specifies the use of an organic solvent that does not comply with the standards in Section 8-19-321, provided that contract has been entered into prior to December 1, 2005.

(Adopted October 16, 2002)

8-19-200 DEFINITIONS

8-19-201 Air-Dried Coatings: Any coating which is not heated above 90°C (194°F) for the purpose of curing or drying.

8-19-202 Baked Coatings: Any coating which is cured or dried in an oven where the oven air temperature exceeds 90°C (194°F).

8-19-203 Deleted June 7, 1989

8-19-204 Miscellaneous Metal Part or Product: Any metal part or product, except for those specified in Section 8-19-113.

8-19-205 Deleted December 18, 1985

8-19-206 Deleted June 7, 1989

8-19-207 Touch-up: That portion of the surface preparation and coating operation which is incidental to the main coating process but necessary to cover minor imperfections or mechanical damage incurred prior to intended use.

(Amended 12/19/84; 12/18/85; 10/16/02)

8-19-208 Transfer Efficiency: The ratio of the amount of coating solids adhering to the object being coated to the total amount of coating solids used in the application process, expressed as a percentage.

8-19-209 Camouflage Coating: A coating applied on military equipment to conceal such equipment from detection.

(Amended December 2, 1981)

8-19-210 Pretreatment Wash Primer: Any coating which contains a minimum of 0.5% acid by weight, is necessary to provide surface etching and is applied directly to bare metal surfaces to provide corrosion resistance and adhesion.

(Adopted 12/19/84; Amended 6/7/89)

8-19-211 Powder Coating: Any coating applied as a dry (without solvent or other carrier), finely divided solid which, when melted and fused, adheres to the substrate as a paint film.

(Adopted December 19, 1984)

8-19-212 Volatile Organic Compound: Any organic compound (excluding methane, carbon monoxide, carbon dioxide, carbonic acid, metallic carbides or carbonates and ammonium carbonate) which would be emitted during use, application, curing or drying of a solvent or surface coating.

212.1 For purposes of calculating VOC content of a coating, any water or any of the following non-precursor organic compounds:

acetone

methyl acetate

parachlorobenzotrifluoride (PCBTF)

cyclic, branched or linear, completely methylated siloxanes (VMS)

shall not be considered to be part of the coating.

212.2 For the purposes of calculating the VOC content of a surface preparation or cleaning solvent, any water or the non-precursor organic compounds listed in

subsection 8-19-212.1, above, shall be considered part of the volume of solvent but shall not be considered part of the VOC content of the solvent.

(Adopted 12/19/84; Amended 6/7/89; 2/3/93; 12/20/95; 10/16/02)

8-19-213 Solid Film Lubricant: A very thin coating consisting of an organic binder system containing as its chief pigment material one or more of molybdenum disulfide, graphite, polytetrafluoroethylene (PTFE) or other solids that act as a dry lubricant between meeting surfaces.

(Adopted 12/19/84; Amended 2/3/93)

8-19-214 Adhesive: Any coating which is applied for the purpose of bonding surfaces together.

(Adopted December 18, 1985)

8-19-215 Motor Vehicle: A vehicle which is self-propelled and is a device by which any person or property may be propelled, moved or drawn upon a highway, excepting a device moved by human power or used exclusively upon stationary rails or tracks.

(Adopted January 7, 1987)

8-19-216 Solar Absorbant Coating: Any coating which has as its primary purpose the absorption of solar radiation.

(Adopted December 18, 1985)

8-19-217 Heat-Resistant Coating: Any coating which during normal use must withstand temperatures of at least 204°C (400°F).

(Adopted December 18, 1985)

8-19-218 High-Gloss Coating: Any coating which achieves at least 85 percent reflectance on a 60° meter when tested by ASTM Method D-523-1989.

(Adopted 12/18/85; Amended 6/7/89; 2/3/93)

8-19-219 Extreme Performance Coating: Any coating which during intended use is exposed to one or more of the following conditions:

219.1 Repeated heavy abrasion, including mechanical wear and repeated scrubbing with industrial grade solvents, detergents, cleaners or abrasive scouring agents

219.2 Repeated exposure to temperatures in excess of 121°C (250°F), or below 0°C (32°F) or high vacuum conditions

219.3 Chronic exposure to corrosive, caustic or acidic agents, chemicals, chemical fumes, chemical mixtures or solution.

(Adopted December 18, 1985)

8-19-220 Cathode Coating: Any coating which has as its primary purpose the coating of electrical cathodes.

(Adopted December 18, 1985)

8-19-221 Chemical Milling Maskant Coating: Any coating which is applied to a component to protect areas when performing chemical milling, anodizing, aging, bonding, plating, etching, and/or other chemical surface operations on the component.

(Adopted December 18, 1985)

8-19-222 Non-Skid Coating: Any coating which has as its primary purpose the creation of traction to prevent slippage.

(Adopted December 18, 1985)

8-19-223 Silicone Release Coating: Any coating which contains silicone resin and has as its primary function the release of food products from metal surfaces such as baking pans.

(Adopted December 18, 1985)

8-19-224 Metallic Topcoat: Any coating which contains more than 5 g/l (.042 lb/gal) of metal particles as identified on a technical or material safety data sheet, as applied, where such metal particles are visible in the dried film.

(Adopted 12/18/85; Amended 1/7/87; 2/3/93)

8-19-225 High Performance Architectural Coating: Any coating applied to architectural subsections and which is required to meet the specifications of Architectural Aluminum Manufacturer's Association's publication number AAMA 605.2-1980.

(Adopted April 1, 1987)

8-19-226 Deleted February 3, 1993

8-19-227 Deleted February 3, 1993

8-19-228 High-Temperature Coating: Any coating applied to a substrate which during normal use must withstand temperatures of at least 538°C (1000°F).

(Adopted 6/7/89; Amended 2/3/93)

- 8-19-229 Electrostatic Spray:** Equipment used to apply coating by charging atomized particles that are deposited by electrostatic attraction. (Adopted February 3, 1993)
- 8-19-230 High-Volume, Low-Pressure (HVLP) Spray:** Equipment used to apply coating by means of a gun which is designed to be operated and which is operated between 0.1 and 10.0 psig air atomizing pressure measured dynamically at the center of the air cap and at the air horns.
(Adopted 2/3/93; Amended 10/16/02)
- 8-19-231 Detailing Gun:** Small air-spray equipment, including air brushes, that operate at no greater than 5 cfm air flow and no greater than 50 psig air pressure.
(Adopted February 3, 1993)
- 8-19-232 Cutback Asphalt Coating:** A protective coating consisting of a liquified asphalt blend of asphaltic cement (semi-solid residue from the distillation of crude oil) and volatile petroleum distillates which is applied to large metal pipes to prevent corrosion.
(Adopted February 3, 1993)
- 8-19-233 Smooth Finish:** An industrial class 'A' surface coating finish that is characterized by a homogeneous, uninterrupted surface film without any imperfections such as orange peel. This type of finish is not intended to have a subsequent textured finish coat applied.
(Adopted February 3, 1993)
- 8-19-234 Two-Tone Finish:** A surface coating finish where one color coating is applied adjacent to a previously coated substrate of a different color, without the use of a maskant. The interface between the two coatings is a clear division of colors without any overlap.
(Adopted February 3, 1993)
- 8-19-235 Approved Emission Control System:** A system for reducing emissions to the atmosphere, consisting of an abatement device and a collection system, which achieves the abatement efficiency specified in the applicable standards at all times during the operation and meets the requirements of Regulation 2, Rule 1.
(Adopted February 3, 1993)
- 8-19-236 Textured Finish Coat:** Any non-smooth, patterned surface that is intentionally produced and applied as a final coat by spraying drops of coating over a previously applied base coating.
(Adopted February 3, 1993)
- 8-19-237 Mold Release Coating:** A temporary protective coating with a solids content of less than 120 grams solids per liter (1 pound solids per gallon) that reduces or prevents adhesion between the mold surface and the surface being molded.
(Adopted February 3, 1993)
- 8-19-238 Key System Operating Parameter:** An emission control system operating parameter, such as temperature, flow rate or pressure, that ensures operation of the abatement equipment within manufacturer specifications and compliance with the standards in Sections 8-19-302, 312, 313, 320 and/or 321.
(Adopted 6/15/94; Amended 10/16/02)
- 8-19-239 Surface Preparation:** The cleaning of metal parts and products prior to coating, further treatment, sale, or intended use. Surface preparation of metal parts subject to and in compliance with Regulation 8, Rule 16: Solvent Cleaning Operations, is not subject to the surface preparation standards in this Rule.
(Adopted October 16, 2002)
- 8-19-240 Electrical and Electronic Components:** Components and assemblies of components that generate, convert, transmit, or modify electrical energy. Electrical and electronic components include, but are not limited to, wires, windings, stators, rotors, magnets, contacts, relays, printed circuit boards, printed wire assemblies, wiring boards, integrated circuits, resistors, capacitors and transistors. Cabinets in which electrical and electronic components are housed are not considered electrical and electronic components.
(Adopted October 16, 2002)
- 8-19-241 Medical Device:** An instrument, apparatus, implement, machine, contrivance, implant, in vitro reagent or other similar article, including any component or accessory that is (i) intended for use in the diagnosis of disease or other conditions, or in the cure, mitigation, treatment, or prevention of diseases, or (ii) is intended to

affect the structure or any function of the body, or (iii) is defined in the National Formulary or the United States Pharmacopoeia or any supplement to it.

(Adopted October 16, 2002)

8-19-300 STANDARDS

8-19-301 Deleted June 7, 1989

8-19-302 Limits: Except as otherwise provided by this Rule, a person shall not apply to any miscellaneous metal part or product any coating with a VOC content in excess of the following limits, expressed as grams of VOC per liter of coating applied, excluding water, unless emissions to the atmosphere are controlled to an equivalent level by air pollution abatement equipment with an abatement device efficiency of at least 85 percent that meets the requirements of Regulation 2, Rule 1.

302.1 Baked Coatings 275 grams/liter (2.3 pounds/gallon)

302.2 Air-Dried Coating 340 grams/liter (2.8 pounds/gallon)

302.3 Deleted January 7, 1987

(Amended 12/2/81; 12/19/84; 12/18/85; 1/7/87; 4/1/87; 6/7/89; 2/3/93)

8-19-303 Deleted February 3, 1993

8-19-304 Deleted June 7, 1989

8-19-305 Deleted June 7, 1989

8-19-306 Deleted January 7, 1987

8-19-307 Prohibition of Specification: No person shall require for use or specify the application of a coating or solvent subject to this Rule if such use or application results in a violation of any of the provisions of this Rule. The prohibition of this Section shall apply to all written or oral contracts under the terms of which any coating or solvent is to be applied to any miscellaneous metal part or product at any physical location within the District.

(Adopted 12/19/84; Amended 12/18/85; 6/7/89; 10/16/02)

8-19-308 Compliance Statement Requirement: The manufacturer of coatings and solvents subject to this Rule shall provide on the coating container or as an accompanying data sheet, a designation of VOC (as defined in Section 8-19-212), expressed in grams per liter or pounds per gallon of coating. The designation shall include the VOC content of the coating as supplied and at the maximum recommended thinning ratio to maintain compliance with the VOC limits of this Rule.

(Adopted 12/19/84; Amended 12/18/85; 6/7/89; 2/3/93; 10/16/02)

8-19-309 Deleted April 1, 1987

8-19-310 Deleted April 1, 1987

8-19-311 Deleted June 7, 1989

8-19-312 Specialty Coating Limitations: Except as provided in Section 8-19-136, a person shall not apply to any miscellaneous metal part or product any specialty coating with a VOC content in excess of the following limits, expressed as grams of VOC per liter (lbs VOC per gal) of coating applied, excluding water, unless emissions to the atmosphere are controlled to an equivalent level by an air pollution abatement equipment with an abatement device efficiency of at least 85 percent that meets the requirements of Regulation 2, Rule 1.

	<u>Baked</u>	<u>Air dried</u>
312.1 Camouflage	360 (3.0)	420 (3.5)
312.2 High Gloss	360 (3.0)	420 (3.5)
312.3 Heat Resistant	360 (3.0)	420 (3.5)
312.4 High Performance Architectural	420 (3.5)	420 (3.5)
312.5 Metallic Topcoat	360 (3.0)	420 (3.5)
312.6 Deleted June 7, 1989		
312.7 Pretreatment Wash Primer	420 (3.5)	420 (3.5)
312.8 Silicone Release	420 (3.5)	420 (3.5)
312.9 Solar Absorbant	360 (3.0)	420 (3.5)
312.10 Deleted February 3, 1993		
312.11 Deleted February 3, 1993		
312.12 Extreme Performance	420 (3.5)	420 (3.5)
312.13 High Temperature	420 (3.5)	420 (3.5)

(Adopted 4/1/87; Amended 6/7/89; 2/3/93; 6/15/94)

8-19-313 Spray Application Equipment Limitations: Effective July 1, 1994, any person who uses spray application equipment to apply coatings to miscellaneous metal parts or products within the District shall use one or more of the following high transfer efficiency application methods, unless emissions to the atmosphere are controlled by an approved emission control system with an overall abatement efficiency of at least 85 percent:

- 313.1 High-Volume, Low-Pressure (HVLP) Spray, operated in accordance with the manufacturer's recommendations; or
- 313.2 Electrostatic spray, operated in accordance with the manufacturer's recommendations; or
- 313.3 Detailing gun; or
- 313.4 Any other coating spray application that achieves an equivalent transfer efficiency compared to the spray application methods listed in subsections 313.1 through 313.3. Prior written approval from the APCO shall be obtained for each alternative method used.

(Adopted 6/7/89; Amended 2/3/93; 10/6/93)

8-19-320 Solvent Evaporative Loss Minimization: Unless emissions to the atmosphere are controlled by an approved emission control system with an overall abatement efficiency of at least 85%, any person using organic solvent for surface preparation and cleanup or any person mixing, using or disposing of coatings containing organic solvent:

- 320.1 Shall use closed containers for the storage or disposal of cloth or paper used for solvent surface preparation and cleanup.
- 320.2 Shall not use organic solvent for the cleanup of spray equipment including paint lines with a VOC content in excess of 50 g/l (0.42 lbs/gal) unless either (i) the solvent is pressurized through spray equipment with the atomizing air off or dispensed from a small non-atomizing container, and collected and stored in a closed container until recycled or properly disposed of offsite, or (ii) a spray gun washer subject to and in compliance with the requirements of Regulation 8, Rule 16 is used.
- 320.3 Shall close containers of coating, catalyst or solvent when not in use.

(Adopted 6/7/89; Amended 2/3/93; 10/16/02)

8-19-321 Surface Preparation Standards: Effective June 1, 2003, no person shall use a surface preparation solvent with a VOC content that exceeds 50 g/l (0.42 lbs/gal), as applied, for surface preparation of any metal part or product unless emissions to the atmosphere are controlled to an equivalent level by an approved emission control system with an overall abatement efficiency of at least 85 percent.

(Adopted October 16, 2002)

8-19-400 ADMINISTRATIVE REQUIREMENTS

8-19-401 Deleted December 19, 1984

8-19-402 Deleted January 7, 1987

8-19-403 Deleted March 5, 1986

8-19-404 Deleted April 1, 1987

8-19-405 Low Usage Coating Petition: Any person seeking to satisfy the conditions of Section 8-19-110 shall comply with the following requirements:

- 405.1 The user or specifier shall petition the APCO in writing that substitute complying coatings are not available.
- 405.2 If the APCO grants written approval, such petition will be repeated on an annual basis.
- 405.3 If the APCO grants written approval, such approval shall contain volume and VOC limit conditions.
- 405.4 Records must be maintained as in Section 8-19-501.

(Adopted 12/19/84; Amended 12/18/85; 6/7/89)

8-19-406 Deleted June 7, 1989

8-19-407 Specialty Coating Petition: A person seeking a limited exemption pursuant to Section 8-19-136, shall comply with the following requirements:

- 407.1 A petition shall be submitted to the APCO containing the following information, as applicable: performance requirements, job order description, volume of coating, and maximum VOC level necessary.
- 407.2 If the APCO grants written approval, such petition will be repeated on an annual basis.
- 407.3 If the APCO grants written approval, such approval shall contain volume and VOC limit conditions.
- 407.4 Records must be maintained as in Section 8-19-501.

(Adopted 12/18/85; Amended 4/1/87; 6/7/89; 2/3/93; 6/15/94)

8-19-408 Emission Reduction Credits: Emission reduction credits established pursuant to Regulation 2, Rule 4 shall not take credit for any emissions reduced from coatings in excess of the standards of Section 8-19-302 or 312.

(Adopted June 15, 1994)

8-19-500 MONITORING AND RECORDS

8-19-501 Records: Any person using coatings or solvents subject to this Rule shall:

- 501.1 Maintain current data necessary to evaluate compliance, including the following information, as applicable:
 - a. coating catalyst and reducer used
 - b. VOC content of coating as applied
 - c. VOC content of surface preparation and cleanup solvents, as applied
- 501.2 Record the following information on a weekly basis, as applicable, unless otherwise specified in permit conditions imposed per Regulation 2-1-403:
 - a. coating and mix ratio of components in the coating used as applied
 - b. quantity of each coating applied
 - c. identification of specialty coating limit category
 - d. oven temperature
- 501.3 Record on a daily basis coating usage and key system operating parameters when an approved emission control system is used to comply with the requirements of Section 302, 312, 313, 320 or 321.
- 501.4 Record on a monthly basis the type and amount of solvent used for cleanup and surface preparation, unless more frequently specified in permit conditions imposed per Regulation 2-1-403.
- 501.5 Records shall be retained and available for inspection by the APCO for the previous 24-month period.

(Adopted 12/19/84; Amended 12/18/85; 1/7/87; 4/1/87; 6/7/89; 2/3/93; 10/6/93; 6/15/94; 10/16/02)

8-19-502 Deleted February 3, 1993

8-19-600 MANUAL OF PROCEDURES

8-19-601 Analysis of Coating Samples: Samples of volatile organic compounds as specified in Sections 8-19-302 and 312 shall be analyzed as prescribed in the Manual of Procedures, Volume III, Method 21 or 22.

(Adopted 3/17/82; Amended 12/19/84; 1/7/87; 4/1/87; 6/7/89; 2/3/93)

8-19-602 Determination of Emissions: Emissions of volatile organic compounds as specified in Sections 8-19-302, 312, 313, 320 and/or 321 shall be measured as prescribed by any of the following methods 1) BAAQMD Manual of Procedures, Volume IV, ST-7, 2) EPA Method 25 or 25A. When either EPA Method 25 or 25 A is used, control device equivalency shall be determined as prescribed in 55 FR 26865 (June 29, 1990). A source shall be considered in violation if the VOC emissions measured by any of the test methods exceed the standards of this rule.

(Adopted 3/17/82; Amended 1/7/87; 4/1/87; 6/7/89; 2/3/93; 6/15/94; 10/16/02)

8-19-603 Determination of Acid Content: Measurement of acid content as specified in Section 8-19-210 shall be determined in accordance with ASTM Method D-1613-96.

(Adopted 2/3/93; Amended 10/16/02)

8-19-604 Analysis of Mold Release Coating Samples: Samples of mold release coatings containing volatile organic compounds as specified in Section 8-19-302 shall be analyzed as prescribed in the Manual of Procedures, Volume III, Method 31.

(Adopted February 3, 1993)

8-19-605 Analysis of Solvent Samples: Samples of volatile organic compounds as specified in Section 8-19-320 or 321 shall be analyzed as prescribed in the Manual of Procedures, Volume III, Method 31.

(Adopted October 16, 2002)

8-19-606 Analysis of Exempt Compounds: Samples of PCBTF, VMS, and methyl acetate shall be analyzed by the Manual of Procedures, Volume III, Method 41, 43 and by ASTM Method D-6133-00, respectively.

(Adopted October 16, 2002)