

1124 Control of Volatile Organic Compound Emissions**12.0 Surface Coating of Plastic Parts.**11/29/1994 xx/xx/2010

12.1 Applicability

- 12.1.1 The provisions of 12.0 of this regulation apply to any ~~facility that coats~~ plastic parts or products coating unit. Except as provided in 12.1.2 of this regulation, every owner or operator of any plastic parts or products coating unit shall comply with the provisions of 12.0 of this regulation on and after xx/xx/2010. components for the following uses:
- 12.1.1.1 ~~Automotive or other transportation equipment including interior or exterior parts for automobiles, trucks (light, medium, or heavy duty), large and small farm machinery, motorcycles, construction equipment, vans, buses, lawnmowers, and other mobile, motorized mobilized equipment.~~
- 12.1.1.2 ~~Housing and exterior parts for business and commercial machines including, but not limited to, computers, copy machines, typewriters, medical equipment, and entertainment equipment.~~
- 12.1.2 ~~The provisions of 12.0 of this regulation apply to in-house coating processes conducted at original equipment manufacturer (OEM) sites, as well as to coating processes conducted by contractors specializing in molding and coating plastic parts, and by job shops performing OEM coating only. The provisions of 12.0 of this regulation apply to coating operations that include coating application (e.g., spraying, dipping, and flow coating), flash-off areas, and curing ovens.~~
- 12.1.2 Transition period for existing permitted sources. Every owner or operator of any plastic parts or products coating unit that has a permit issued pursuant to 7 DE Admin Code 1102 or 1130 containing all applicable conditions of 12.0 of this regulation, as that regulation existed on November, 29, 1994, shall comply with those permit conditions until December 31, 2010. On and after January 1, 2011, every such owner or operator of any plastic parts or products coating unit shall comply with the provisions of 12.0 of this regulation.
- 12.1.3 If a metal component ~~that is~~ permanently attached to a plastic part is coated in a spray booth or on a process line where plastic parts or products are being coated, the requirements of 12.0 of this regulation apply ~~applies~~ to the coating of both the plastic part and the attached metal component.
- 12.1.4 The provisions of 12.0 of this regulation do not apply to the ~~coating of the~~ following plastic parts or products operations:
- 12.1.4.1 ~~Parts covered by other sections of this regulation Coating of interior and exterior parts of aircraft.~~
- 12.1.4.2 ~~Coating of exterior~~ Exterior parts of completely assembled marine vessels.
- 12.1.4.3 ~~Refinishing of aftermarket automobiles, trucks, and other transportation equipment.~~
- 12.1.4.3 ~~Coating of internal~~ Internal electrical parts components of business and commercial machines, including, but not limited to, medical and entertainment equipment.

- ~~12.1.4.5 Coating of a metal component in a spray booth or on a process line that is permanently attached to a plastic part where both the attached metal component and the plastic part are coated subject to the requirements of 13.0 of this regulation (Auto and Light-Duty Truck Coating Operations) or to 22.0 of this regulation (Coating of Miscellaneous Metal Parts).~~
- 12.1.5 Except as provided in 12.1.6 of this regulation, the ~~The~~ provisions of 12.0 requirements in 12.3 of this regulation do not apply to plastic parts or products coating facilities whose plant-wide actual emissions, without control devices, from all plastic parts or products coating operations units, including emissions from related cleaning activities, are less than 6.8 kilograms (kg) (15 pounds [lb]) of volatile organic compounds (VOCs) per day.
- 12.1.6 An owner operator of a facility whose emissions are below the applicability threshold in 12.1.5 of this regulation shall comply with the certification, recordkeeping, and reporting requirements ~~listed in 4.2~~ of 12.7.1 of this regulation.
- ~~12.1.7 Existing sources affected by 12.0 of this regulation shall comply with the provisions of 12.0 of this regulation as soon as practicable, but no later than April 1, 1996. New, modified, or reconstructed sources affected by 12.0 of this regulation shall comply with the provisions of 12.0 of this regulation upon startup.~~
- ~~12.1.8~~ Any facility that becomes or is currently subject to the provisions of 12.0 of this regulation by exceeding the applicability threshold in 12.1.5 of this regulation shall remain subject to these provisions even if its emissions later fall below the applicability threshold.
- ~~12.1.9~~ Any facility that is currently subject to a state or federal rule promulgated pursuant to the Clean Air Act Amendments of 1977 by exceeding an applicability threshold is and shall remain subject to these provisions, even if its throughput or emissions later fall below the applicability threshold.
- 12.2 Definitions. As used in 12.0 of this regulation, all terms not defined herein shall have the meaning given them in the November 15, 1990 Clean Air Act Amendments (CAAA), or in 2.0 of this regulation.
- ~~“Add-on control device” means an air pollution control device, such as a carbon adsorber or an incinerator, which reduces the pollution in an exhaust gas. The control device usually does not affect the process being controlled and is thus considered to be an “add-on” technology, as opposed to a reduction in pollution through an alteration to the basic process.~~
- ~~“Adhesion promoter (primer)” means a coating that is applied to thermoplastic olefin (TPO) parts to promote adhesion of subsequent coatings.~~
- ~~“Affected facility” means any apparatus, subject to a standard, that is involved in the coating of plastic parts.~~
- ~~“Aftermarket automobile” means a vehicle that has been purchased from the original equipment manufacturer.~~
- ~~“Basecoat/clearcoat” means a two-step topcoat system in which a highly pigmented, often metallic, basecoat is followed by a clearcoat, resulting in a finish with high-gloss characteristics. It is often used on automotive plastic parts.~~
- “Black coating” means a coating which meets a maximum lightness of 23 units, and has a saturation of less than 2.8, where saturation equals the square root of $A^2 + B^2$. These criteria are based on Cielab color space, 0/45 geometry. For spherical geometry, specular included, the maximum lightness is 33 units.

“**Business machine**” means a device that uses electronic or mechanical methods to process information, perform calculations, print or copy information or convert sound into electrical impulses for transmission, including devices listed in standard industrial classification numbers 3572, 3573, 3574, 3579, and 3661 and photocopy machines, a subcategory of standard industrial classification number 3861.

“**Commercial machine**” means a device that is used in commercial activities, including, but not limited to, medical, laboratory and entertainment equipment.

“**Electric dissipating coating**” means a coating that rapidly dissipates a high-voltage electric charge.

“**Electrostatic preparation coating**” means a coating that is applied to a plastic part solely to provide conductivity for the subsequent application of a prime, a topcoat, or other coating through the use of electrostatic application methods. An electrostatic prep coat is clearly identified as an electrostatic prep coat on its accompanying material safety data sheet.

“**EMI/RFI (Electromagnetic interference/radio frequency interference—(EMI/RFI) shielding coating**” means a coating that is used in a plastic business or commercial machine housing to attenuate electromagnetic and radio frequency interference signals that would otherwise pass through the plastic housing.

“**Flexible primer-coating**” means a paint that can withstand dimensional changes any coating that is required to comply with engineering specifications for impact resistance, mandrel bend, or elongation as defined by the original equipment manufacturer.

“**Fog coat**” means a coating that is applied to a plastic part for the purpose of color matching without masking a molded-in texture. A fog coat shall not be applied at a thickness of more than 0.5 mils of coating solids.

“**Gloss reducer**” means a coating that is applied to a plastic part solely to reduce the shine of the part. A gloss reducer shall not be applied at a thickness of more than 0.5 mils of coating solids.

“**High-bake coating**” means a coating that is designed to cure at temperatures above 90 degrees Celsius (°C) (194 degrees Fahrenheit [°F]).

“**Higher-solids coating**” means a coating that contains greater amounts of pigment and binder than a conventional coating. Solids are the non-solvent, non-water ingredients in the coating. A higher-solids coating usually contains more than 60% solids by volume.

“**Low-bake coating**” means a coating that is designed to cure at temperatures lower than 90°C (194°F).

“**Mask coating**” means thin film coating applied through a template to coat a small portion of a substrate.

“**Military specification coating**” means a coating which has a formulation approved by a United States military agency for use on military equipment.

“**Nonflexible primer-coating**” means a paint that cannot withstand dimensional changes.

“**Overspray**” means the solids portion of a coating which, when sprayed, fails to adhere to the part being coated. The applied solids plus the overspray solids equal the total coating solids delivered by the spray application system.

“Optical coating” means a coating applied to an optical lens.

“Plastic part or product” means a piece made from a substance that has been formed from resin through the application of pressure or heat. Plastic parts or products include automotive or other transportation equipment including, but not limited to, parts or products for automobiles, trucks (light-, medium and heavy-duty), large and small farm machinery, motorcycles, recreational vehicles, construction equipment, vans, buses, lawnmowers and other motorized mobile equipment; business and commercial machines, including, but not limited to, computers, copy machines, typewriters, medical equipment, laboratory equipment and entertainment equipment; and commercial and industrial machinery, sporting goods, toys, lawn and garden equipment and other industrial and household products.

“Red coating” means a coating which meets all of the following criteria: yellow limit, the hue of hostaperm scarlet; blue limit, the hue of monastral red-violet, lightness limit for metallics, 35% aluminum flake; lightness limit for solids, 50% titanium dioxide white; solid reds, hue angle of -11 to 38 degrees and maximum lightness of 23 to 45 units; metallic reds, hue angle of -16 to 35 degrees and maximum lightness of 28 to 45 units. These criteria are based on Cielab color space, 0/45 geometry. For spherical geometry, specula included, the upper limit is 49 units. The maximum lightness varies as the hue moves from violet to orange. This is a natural consequence of the strength of the colorants, and real colors show this effect.

“Solids content” means the non-solvent, non-water ingredients in the coating, which consist of pigment and binders that do not evaporate and have the potential to form a cured (dry) film. The solids content can be expressed in terms of volume percent or weight percent.

~~“Specialty coating” means a coating that is used for unusual job performance requirements, usually in small amounts. These products include but are not limited to adhesion primers, resist coatings, soft coatings, reflective coatings, electrostatic prep coatings, headlamp lens coatings, ink pad printing coatings, stencil coatings, texture coatings (automotive), vacuum metalizing coatings, and gloss flatteners.~~

“Texture coat” means a coating that is applied to a plastic part which, in its finished form, consists of discrete raised spots of the coating.

“Translucent coating” means a coating which contains binders and pigment, and is formulated to form a colored, but not opaque, film.

~~“Two-component paint” means a coating that is manufactured in two components that are mixed shortly before use. When mixed, the two liquids rapidly crosslink to form a solid composition.~~

~~“Waterborne coating” means a coating that contains greater than five weight % water in its volatile fraction.~~

12.3 Standards

~~12.3.1 Automotive/Transportation Sector. The VOC content of any automotive/transportation plastic parts surface coating, as applied, shall not exceed the applicable limitations specified in Table 12-1 of this regulation.~~

~~12.3.2 Business Machine Sector. The VOC content of any business machine parts surface coating, as applied, shall not exceed the applicable limitations specified in Table 12-2 of this regulation.~~

~~12.3.3 As an alternative to compliance with the emission limits in 12.3.1 and 12.3.2 of this regulation, an owner or operator may meet the requirements of 12.4 or 12.5 of this regulation.~~

TABLE 12-1. VOC CONTROL LEVELS FOR AUTOMOTIVE/TRANSPORTATION COATINGS

Coating Category	Control Level	
	(lb-VOC/gal)	(kg-VOC/L)
I. Auto Interiors		
— 1) High-Bake Colorcoats	4.1	0.49
— 2) High-Bake Primers	3.8	0.46
— 3) Low-Bake Colorcoats	3.2	0.38
— 4) Low-Bake Primers	3.5	0.42
II. Auto Exteriors (Flexible and Non-Flexible)		
— 1) High-Bake Coatings		
— a) Colorcoats	4.6	0.55
— b) Clearcoats	4.3	0.52
— c) Primers	5.0	0.60
— d) Primers-Non-Flexible	4.5	0.54
— 2) Low-Bake Coatings		
— a) Primers	5.5	0.66
— b) Red and Black Colorcoats	5.6	0.67
— c) Colorcoats—All Other Colors	5.1	0.61
— d) Clearcoats	4.5	0.54
III. Auto Specialty		
— 1) Group (A) Coatings ^b	5.5	0.66
— 2) Group (B) Coatings ^c	5.9	0.71
— 3) Group (C) Coatings ^d	6.4	0.77
— 4) Group (D) Coatings ^e	6.8	0.81
— 5) Headlamp Lens Coatings	7.4	0.89

^a The VOC content values are expressed in units of mass of VOC (pounds [lb] or kilograms [kg]) per volume of coating (gallons [gal] or liters [L]), excluding water and exempt compounds, as applied.

^b Group (A) coatings consist of Vacuum Metalizing Basecoats and Texture Coatings.

^c Group (B) coatings consist of Black and Reflective Argent Coatings, Soft Specialty Coatings, and Air Bag Cover Coatings.

^d Group (C) coatings consist of Gloss Flatteners, Vacuum Metalizing Topcoats, and Texture Topcoat.

^e Group (D) coatings consist of Stencil Coatings, Adhesion Primers, Ink Pad Printing Coatings, Electrostatic Prep Coats, and Resist Coatings.

TABLE 12-2. VOC CONTROL LEVELS FOR BUSINESS MACHINE COATINGS

	Control Level

Coating Category	(lb-VOC/gal)	(kg-VOC/L)
I. Primers	1.2	0.14
II. Clearcoats	2.3	0.28
III. Colorcoats/ Texture coats	2.3	0.28
IV. EMI/RFI Coatings	4.0	0.48
V. Specialty Coatings		
— 1) Soft Coatings	4.3	0.52
— 2) Plating Resist Coatings	5.9	0.71
— 3) Plating Sensitizer Coatings	7.1	0.85

^a ~~The VOC content values are expressed in units of mass of VOC (pounds [lb] or kilograms [kg]) per volume of coating (gallons [gal] or liters [L]), excluding water and exempt compounds, as applied~~

12.3.1 Except as provided in 12.4 of this regulation, no owner or operator of a plastic parts or products coating unit subject to 12.0 of this regulation shall cause or allow the application of any coating to plastic parts or products unless:

12.3.1.1 The VOC content of the coating is less than or equal to the limits listed in Table 12-1 of this regulation, or

12.3.1.2 For a plastic parts or products coating unit that applies multiple coatings, which are subject to the same numerical emission limitation in Table 12-1 of this regulation, the daily-weighted average VOC content, calculated in accordance with the procedure specified in **Appendix C** of this regulation, is less than or equal to the limit in Table 12-1 of this regulation corresponding to the category of coating used, or

12.3.1.3 Control equipment is installed and operated that achieves an emission reduction efficiency in accordance with 12.5 of this regulation. The requirements of 12.3.2 shall not apply to any plastic parts or products coating unit that achieves an emission reduction efficiency of 95% or greater.

12.3.2 Except as provided in 12.3.1.3 and 12.4 of this regulation, no owner or operator of a plastic parts or products coating unit subject to 12.0 of this regulation shall apply a coating to plastic parts or products unless the coating is applied with equipment properly operated and maintained according to the manufacturer's suggested guidelines and using one or more of the following coating application methods:

12.3.2.1 Electrostatic spray

12.3.2.2 Flow coating

12.3.2.3 Dip coating, including electrodeposition

12.3.2.4 Roll coating

12.3.2.5 High-volume, low-pressure (HVLP) spray

12.3.2.6 Hand application

12.3.2.7 An alternative method demonstrated to be capable of achieving a transfer efficiency equal to or better than HVLP spray and approved by the Department.

Table 12-1 Plastic Parts Coating VOC Content Limits

Table 12-1 coating VOC content limits are expressed as mass (kilogram [kg] or pound [lb]) per volume (liter [l] or gallon [gal]) of coating less water and exempt compounds, as applied.

<u>Coating Category</u>	<u>kg VOC/l coating</u>	<u>lb VOC/gal coating</u>
<u>General *</u>		
<u>One component coating</u>	<u>0.28</u>	<u>2.3</u>
<u>Multi component coating</u>	<u>0.42</u>	<u>3.5</u>
<u>Electric dissipating coatings and shock-free Coatings</u>	<u>0.36</u>	<u>3.0</u>
<u>Extreme performance</u>	<u>0.42 (2pack)</u>	<u>3.5 (2pack)</u>
<u>Metallic</u>	<u>0.42</u>	<u>3.5</u>
<u>Military specification</u>	<u>0.34 (1 pack)</u>	<u>2.8 (1 pack)</u>
	<u>0.42 (2 pack)</u>	<u>3.5 (2 pack)</u>
<u>Mold-seal</u>	<u>0.76</u>	<u>6.3</u>
<u>Multicolored coatings</u>	<u>0.68</u>	<u>5.7</u>
<u>Optical coatings</u>	<u>0.80</u>	<u>6.7</u>
<u>Vacuum-metalizing</u>	<u>0.80</u>	<u>6.7</u>
<u>Business Machine Parts</u>		
<u>Primers</u>	<u>0.14</u>	<u>1.2</u>
<u>Topcoat</u>	<u>0.28</u>	<u>2.3</u>
<u>Texture coat</u>	<u>0.28</u>	<u>2.3</u>
<u>Fog coat</u>	<u>0.26</u>	<u>2.2</u>
<u>Touchup and repair</u>	<u>0.28</u>	<u>2.3</u>
<u>Clearcoats</u>	<u>0.28</u>	<u>2.3</u>
<u>EMI/RFI Coatings</u>	<u>0.48</u>	<u>4.0</u>
<u>Soft Coatings</u>	<u>0.52</u>	<u>4.3</u>
<u>Plating Resist Coatings</u>	<u>0.71</u>	<u>5.9</u>
<u>Plating Sensitizer Coatings</u>	<u>0.85</u>	<u>7.1</u>
<u>Automotive/Transportation Parts</u> <i>(Note: for red, yellow, and black automotive coatings, except touch up and repair coatings, the allowable limit is determined by multiplying the appropriate limit in this table by 1.15)</i>		
<u>High bake coatings</u>		
<u>Flexible primer</u>	<u>0.54</u>	<u>4.5</u>
<u>Non-flexible primer</u>	<u>0.42</u>	<u>3.5</u>
<u>Base coats</u>	<u>0.52</u>	<u>4.3</u>
<u>Clear coat</u>	<u>0.48</u>	<u>4.0</u>
<u>Non-basecoat/clear coat</u>	<u>0.52</u>	<u>4.3</u>
<u>Low bake/air dried coatings – exterior</u>		
<u>Primers</u>	<u>0.58</u>	<u>4.8</u>
<u>Basecoat</u>	<u>0.60</u>	<u>5.0</u>
<u>Clearcoats</u>	<u>0.54</u>	<u>4.5</u>
<u>Non-basecoat/clearcoat</u>	<u>0.60</u>	<u>5.0</u>
<u>Low bake/air dried coatings – interior</u>		
	<u>0.42</u>	<u>3.5</u>
<u>Touchup and Repair coatings</u>		
	<u>0.62</u>	<u>5.2</u>

* General refers to those parts or products which are not Business Machine Parts or Automotive/Transportation Parts.

12.4 Specific Exemptions

12.4.1 The requirements of 12.3.1 of this regulation shall not apply to the following coatings and coating operations related to general plastic parts and products:

12.4.1.1 Touch-up and repair coatings.

12.4.1.2 Stencil coatings

12.4.1.3 Clear or translucent coatings

12.4.1.4 Coatings applied at a paint manufacturing facility while conducting performance tests on the coatings.

12.4.1.5 Any individual coating category used in volumes less than 50 gallons in any one year, if substitute compliant coatings are not available, provided that the total usage of all such coatings does not exceed 200 gallons per year, per facility.

12.4.1.6 Reflective coating applied to highway cones.

12.4.1.7 Mask coatings that are less than 0.5 millimeter thick (dried) and the area coated is less than 25 square inches.

12.4.1.8 EMI/RFI shielding coatings, and

12.4.1.9 Heparin-benzalkonium chloride (HBAC)-containing coatings applied to medical devices, provided that the total usage of all such coatings does not exceed 100 gallons per year, per facility.

12.4.2 The requirements of 12.3.1 of this regulation shall not apply to the following coatings and coating operations related to automotive/transportation and business machine plastic parts and products:

12.4.2.1 Texture coatings.

12.4.2.2 Vacuum metalizing coatings

12.4.2.3 Gloss reducers

12.4.2.4 Texture topcoats

12.4.2.5 Adhesion primers

12.4.2.6 Electrostatic preparation coatings

12.4.2.7 Resist coatings

12.4.2.8 Stencil coatings

12.4.3 The requirements of 12.3.2 shall not apply, for general plastic parts and products coatings, to air brush operations using 5-gallons or less per year of coating.

12.4.4 The requirements of 12.3.1 and 12.3.2 of this regulation shall not apply to the following types of coatings

12.4.4.1 Coatings applied using hand-held aerosol cans.

12.4.4.2 Powder coatings

~~12.4 Daily-Weighted Average Limitation. An owner or operator of a plastic parts coating operation in which multiple coatings are applied, all of which are subject to the same numerical emission limits listed in 12.3.1 or 12.3.2 of this regulation, shall not apply, during the same day, coatings on any operation whose daily-weighted average VOC content, calculated in accordance with the procedure specified in **Appendix C** of this regulation, exceeds the coating VOC content limit for the corresponding coating category.~~

12.5 Control Devices

~~12.5.1 An owner or operator of a plastic parts or products coating operation unit subject to 12.3.1.3 42-0 of this regulation shall determine the emission reduction efficiency needed to comply and demonstrate compliance as follows may comply with 12.0 of this regulation by doing all of the following:~~

~~12.5.1.1 Installing and operating a capture system on that operation.~~

~~12.5.1.2 Installing and operating a control device on that operation.~~

~~12.5.1.31 Determining-Determine~~ for each day the overall emission reduction efficiency needed need to demonstrate compliance. The overall emission reduction needed for a day is the lesser of the value calculated according to the procedure in 3.3 of Appendix C of this regulation for that day, or 95%.

~~12.5.1.42 Demonstrating-Demonstrate~~ each day that the overall emission reduction efficiency achieved for that day, as determined in **Appendix CD** of this regulation, is greater than or equal to the overall emission reduction efficiency required for that day.

~~12.5.2 An owner or operator of a plastic parts or products coating operation unit subject to 12.3.1.3 42-0 of this regulation shall ensure that:~~

~~12.5.2.1 A capture system and control device are operated at all times that the unit-coating operation is in operation-use, and that the owner or operator demonstrates compliance with 12.0 of this regulation is demonstrated through the use of the applicable coating analysis and capture system and control device efficiency test methods specified in **Appendix B, Appendix D and Appendix E** of this regulation and in accordance with the capture efficiency test methods in **Appendix D** of this regulation.~~

~~12.5.2.2 The control device is equipped with the applicable monitoring equipment specified in 2.0 of **Appendix D** of this regulation, and that the monitoring equipment is installed, calibrated, operated, and maintained according to the vendor's specifications at all times the control device is in use.~~

12.6 Test Methods. The test methods found in **Appendix A** through **Appendix CD** of this regulation shall be used to determine compliance with 12.0 42-3.1 and 42-3.2 of this regulation.

12.6.1 The metal particle content of metallic coatings shall be determined by the California South Coast Air Quality Management District (SCAQMD) Method 318 "Determination of Weight Percent of Elemental Metal in Coatings by X-Ray Diffraction Method" contained in the SCAQMD "Laboratory Methods of Analysis of Enforcement Samples" (for coatings containing aluminum) or by SCAQMD Method 311 "Analysis of Percent Metal in Metallic Coatings by Spectrographic Method" contained in the SCAQMD "Laboratory Method of Analysis of Enforcement Samples" (for coatings containing metals other than aluminum).

12.7 Compliance Certification, Recordkeeping, and Reporting Requirements.

12.7.1 An owner or operator of a plastic parts or products surface-coating operation unit ~~that is~~ exempt from the emission limits listed in ~~12.3 12.3.1 and 12.3.2~~ of this regulation shall comply with the certification, recordkeeping, and reporting requirements ~~listed~~ in 4.2 of this regulation.

12.7.2 An owner or operator of a plastic parts or products surface-coating operation unit ~~that is~~ subject to 12.0 of this regulation and ~~that is~~ complying with 12.3.1 and ~~12.3.2~~ of this regulation ~~through~~ by the use of compliant coatings shall comply with the certification, recordkeeping, and reporting requirements ~~listed~~ in 4.3 of this regulation.

12.7.3 An owner or operator of a plastic parts or products surface-coating operation unit ~~that is~~ subject to 12.0 of this regulation and ~~that is~~ complying with 12.3.1 and ~~12.3.2~~ of this regulation ~~through~~ the use of ~~by~~ daily-weighted averaging shall comply with the certification, recordkeeping, and reporting requirements ~~listed~~ in 4.4 of this regulation.

12.7.4 An owner or operator of a plastic parts or products surface-coating operation unit ~~that is~~ subject to 12.0 of this regulation and ~~that is~~ complying with 12.3.1 and ~~12.3.2~~ of this regulation ~~through~~ by the use of control devices shall comply with the testing, certification, reporting, and recordkeeping requirements listed in 4.5 of this regulation.

12.7.5 An owner or operator of a plastic parts coating unit subject to 12.3.2 of this regulation shall maintain at the facility a copy of the equipment manufacturer's suggested operating and maintenance guidelines, and provide a copy to the Department upon request.