

Subpart TTT-Standards of Performance for Industrial Surface Coating: Surface Coating of Plastic Parts for Business Machines

Applicability and designation of affected facility - §60.720

Source	Applicability
Spray booth coating plastic parts for use in the manufacture of business machines	<ol style="list-style-type: none"> 1.) Types of coatings: prime coats, color coats, texture coats, or touch-up coats. 2.) When construction, modification, or reconstruction for the facility begins after January 8, 1986.

Standards for volatile organic compounds - §60.722

Source	Emissions
General	<ol style="list-style-type: none"> 1.) All VOC emissions that are caused by coatings applied in each affected facility, regardless of the actual point of discharge of emissions into the atmosphere, shall be included in determining compliance with the emission limits in paragraph (a) of this section. 2.) Facility shall comply with the emission limitations set forth in this section on and after the date on which the initial performance test, required by §§60.8 and 60.723 is completed, but not later than 60 days after achieving the maximum production rate at which the affected facility will be operated, or 180 days after the initial startup, whichever date comes first
Prime coating of plastic parts for business machines.	Facility shall not cause the discharge into the atmosphere in excess of 1.5 kilograms of VOC's per liter of coating solids applied.
Color coating of plastic parts for business machines.	Facility shall not cause the discharge into the atmosphere in excess of 1.5 kilograms of VOC's per liter of coating solids applied.
Texture coating of plastic parts for business machines.	Facility shall not cause the discharge into the atmosphere in excess of 2.3 kilograms of VOC's per liter of coating solids applied.
Touch-up coating of plastic parts for business machines.	Facility shall not cause the discharge into the atmosphere in excess of 2.3 kilograms of VOC's per liter of coatings solids applied.

Performance tests and compliance provisions - §60.723

Source	Test and Provisions
General	<p>Facility shall conduct an initial performance test as required under §60.8(a) and thereafter a performance test each nominal 1-month period for each affected facility according to the procedures in this section.</p> <ol style="list-style-type: none"> 1.) Determine the composition of coatings by analysis of each coating, as received, using Reference Method 24, from data that have been determined by the coating manufacturer using Reference Method 24, or by other methods approved by the Administrator. 2.) Determine the volume of coating and the mass of VOC used for dilution of coatings from company records during each nominal 1-month period. If a common coating distribution system serves more than one affected facility or serves both affected and nonaffected spray booths, the owner or operator shall estimate the volume of coatings used at each facility by using procedures approved by the Administrator. <ol style="list-style-type: none"> a.) Calculate the volume-weighted average mass of VOC's in coatings emitted per unit volume of coating solids applied (N) at each coating operation [i.e., for each type of coating (prime, color, texture, and touch-up) used] during each nominal 1-month period for each affected facility. Each 1-month calculation is considered a performance test. Except as provided in paragraph (b)(2)(iii) of this section, N will be determined by the following procedures: <ol style="list-style-type: none"> (i) Calculate the mass of VOC's used (Mo+Md) for each coating operation during each nominal 1-month period for each affected facility by the equation §60.723 (b) (1) (i). (ii) Calculate the total volume of coating solids consumed (Ls) in each nominal 1-month period for each coating operation for each affected facility by the equation §60.723 (b) (1) (ii). 3.) Select the appropriate transfer efficiency (T) from Table 1 for each type of coating applications equipment used at each coating operation. If the owner or operator can demonstrate to the satisfaction of the Administrator that transfer efficiencies other than those shown are appropriate, the Administrator will approve their use on a case-by-case basis. Transfer efficiency values for application methods not listed shall be approved by the Administrator on a case-by-case basis. An owner or operator must submit sufficient data for the Administrator to judge the validity of the transfer efficiency claims. 4.) Where more than one application method is used within a single coating operation, the owner or operator shall determine the volume of each coating applied by each method through a means acceptable to the Administrator and compute the volume-weighted average transfer efficiency by the equation found in §60.723 (d).

Reporting and recordkeeping requirements - §60.724

Source	R&R Requirements
General	<p>The reporting requirements of §60.8(a) apply only to the initial performance test. Each owner or operator subject to the provisions of this subpart shall include the following data in the report of the initial performance test required under §60.8(a):</p> <ol style="list-style-type: none"> 1.) Except as provided for in paragraph (a)(2) of this section, the volume-weighted average mass of VOC's emitted to the atmosphere per volume of applied coating solids (N) for the initial nominal 1-month period for each coating operation from each affected facility. 2.) For each affected facility where compliance is determined under the provisions of §60.723(b)(2)(iii), a list of the coatings used during the initial nominal 1-month period, the VOC content of each coating calculated from data determined using Reference Method 24, and the lowest transfer efficiency at which each coating is applied during the initial nominal 1-month period. 3.) Report the volume-weighted average mass of VOC's per unit volume of coating solids applied for each coating operation for each affected facility during each nominal 1-month period in which the facility is not in compliance with the applicable emission limits specified in §60.722. Reports of noncompliance shall be submitted on a quarterly basis, occurring every 3 months following the initial report; and 4.) Submit statements that each affected facility has been in compliance with the applicable emission limits specified in §60.722 during each nominal 1-month period. Statements of compliance shall be submitted on a semiannual basis. 5.) These reports shall be postmarked not later than 10 days after the end of the periods specified in §60.724(b)(1) and §60.724(b)(2). 6.) Each owner or operator subject to the provisions of this subpart shall maintain at the source, for a period of at least 2 years, records of all data and calculations used to determine monthly VOC emissions from each coating operation for each affected facility as specified in 40 CFR 60.7(d). 7.) Reporting and recordkeeping requirements for facilities using add-on controls will be determined by the Administrator on a case-by-case basis.

Test methods and procedures - §60.725

Source	Methods and Procedures
General	<ol style="list-style-type: none"> 1.) The reference methods in appendix A to this part except as provided under §60.8(b) shall be used to determine compliance with §60.722 as follows: <ol style="list-style-type: none"> a.) Method 24 for determination of VOC content of each coating as received. b.) For Method 24, the sample must be at least a 1-liter sample in a 1-liter container. 2.) Other methods may be used to determine the VOC content of each coating if approved by the Administrator before testing.