Blumberg Industries
d/b/a Fine Art Lamps
Facility ID No. 0250991
Miami-Dade County

Title V Air Operation Permit Renewal

Permit No. 0250991-005-AV
(Renewal of Title V Air Operation Permit No. 0250991-004-AV)

Permitting & Compliance Authority:
Miami-Dade County
Department of Regulatory and Economic Resources
Division of Environmental Resources Management
Air Quality Management
701 N.W. 1st Court
Second Floor
Miami, Florida 33136

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Title V Air Operation Permit Renewal

Permit No. 0250991-005-AV

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PROPOSED PERMIT

PERMITTEE:
Blumberg Industries d/b/a Fine Art Lamps
5572 Miami Lakes Drive East
Miami Lakes, FL 33014

Permit No. 0250991-005-AV
Blumberg Industries
Facility Id. No. 0250991
Title V Air Operation Permit Renewal

The purpose of this permit is to renew the Title V Air Operation Permit No. 0250991-004-AV for the above referenced facility. The Fine Art Lamps facility is located in Miami-Dade County at:

5572 Miami Lakes Drive East, Miami Lakes, Florida 33014
Latitude: 25^0 54' 88" North and Longitude: 80^0 17' 12" West
And,
7215 West 20 Avenue, Hialeah, Florida 33014
Latitude: 25^0 53' 22" North and Longitude: 80^0 19' 38" West.

The Title V air operation permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210, 62-213. The above named permittee is hereby authorized to operate the facility in accordance with the terms and conditions of this permit.

Effective Date: March 10, 2014
Renewal Application Due Date: July 27, 2018
Expiration Date: March 9, 2019

_____
H. Patrick Wong, Chief
Air Quality Management
Regulatory & Economic Resources
Miami-Dade County

HPW/tr

SECTION I. FACILITY INFORMATION

Subsection A. Facility Description.

This facility engages in lamp manufacturing operations at two, interdependent locations in Miami-Dade County. Initial manufacturing operations are conducted at the Hialeah plant. Products, as work-in-process, are transferred to the Miami Lakes location for further manufacturing, final assembly and shipping. Facility operations include resin casting, metalworking, glass blowing, and surface coating. The company produces a broad range of lighting products including chandeliers, table lamps, and sconces. The resins, paints, coatings, thinners, and solvents used in casting and coating operations contain volatile organic compounds (VOCs) and hazardous air pollutants (HAPs).

Subsection B. Summary of Emissions Units.

EU No.	Brief Description
Regulated Emissions Units	
003	Resin Casting Operations, Hialeah Plant
005	Metals Parts Washer/Dip Tank, Miami Lakes Plant
006	Spray & Hand Finish Painting Processes, Miami Lakes Plant
Unregulated Emissions Units and Activities (See Appendix U)	
004	Resin Coating Applications; Glass and Foam Manufacturing Processes, Hialeah Plant
007	One (1) Emergency Diesel Generator, Miami Lakes Plant

Subsection C. Applicable Regulations.

Based on the Title V air operation permit renewal application received April 3, 2013, this facility is a major source of hazardous air pollutants (HAP). The existing facility is not a PSD major source of air pollutants in accordance with Rule 62-212.400, F.A.C. A summary of applicable regulations is shown in the following table.

Regulation	EU No(s).
40 CFR 63, Subpart WWWW – NESHAP for Reinforced Plastic Composites Production	003
40 CFR 63, Subpart RRRR – NESHAP for Surface Coating of Metal Furniture	005 – 006
40 CFR 63, Subpart A, NESHAP General Provisions	003, 005 & 006
State Rule Citations – 62-4, 62-204, 62-210, 62-212, 62-213, 62-296, 62-297	003, 004 – 006
Local Rule – Chapter 24 – Code of Miami-Dade County	003, 004 – 006

The following conditions apply facility-wide to all emission units and activities:

FW1. Appendices. The permittee shall comply with all documents identified in Section IV, Appendices, listed in the Table of Contents. Each document is an enforceable part of this permit unless otherwise indicated. [Rule 62-213.440, F.A.C.]

Emissions and Controls

FW2. Objectionable Odor Prohibited. No person shall cause, suffer, allow or permit the discharge of air pollutants, which cause or contribute to an objectionable odor. An "objectionable odor" means any odor present in the outdoor atmosphere which by itself or in combination with other odors, is or may be harmful or injurious to human health or welfare, which unreasonably interferes with the comfortable use and enjoyment of life or property, or which creates a nuisance.
[Rule 62-296.320(2) and 62-210.200 (Definitions), F.A.C.]

FW3. General Volatile Organic Compounds (VOC) Emissions or Organic Solvents (OS) Emissions. The permittee shall allow no person to store, pump, handle, process, load, unload or use in any process or installation, volatile organic compounds or organic solvents without applying known and existing vapor emission control devices or systems deemed necessary and ordered by the Department.
[Rule 62-296.320(1), F.A.C.]
{Permitting Note: Nothing is deemed necessary and ordered at this time.}

FW4. General Visible Emissions. No person shall cause, let, permit, suffer or allow to be discharged into the atmosphere the emissions of air pollutants from any activity equal to or greater than 20% opacity. EPA Method 9 is the method of compliance pursuant to Chapter 62-297, F.A.C. This regulation does not impose a specific testing requirement.
[Rule 62-296.320(4)(b)1, F.A.C.]

FW5. Unconfined Particulate Matter. No person shall cause, let, permit, suffer or allow the emissions of unconfined particulate matter from any activity, including vehicular movement; transportation of materials; construction; alteration; demolition or wrecking; or industrially related activities such as loading, unloading, storing or handling; without taking reasonable precautions to prevent such emissions. Reasonable precautions to prevent emissions of unconfined particulate matter at this facility include:

a. Use of hoods, fans, filters, and similar equipment to contain, capture, and/or vent particulate matter.
b. Application of asphalt, water, oil, chemicals or other dust suppressants to unpaved roads, yards, open stock piles and similar activities.
c. Removal of particulate matter from roads and other paved areas under the control of the owner or operator of the facility to prevent re-entrainment, and from buildings or work areas to prevent particulate from becoming airborne.
d. Landscaping or planting of vegetation.
e. Confining abrasive blasting where possible.
f. Enclosure or covering of conveyor systems.

[Rule 62-296.320(4)(c), F.A.C.]

FW6. Annual Operating Report. The permittee shall submit an annual operating report for the previous calendar year that summarizes the actual operating rates and emissions from this facility. Annual operating reports shall be submitted to the Compliance Authority by April 1st of each year.
[Rule 62-210.370(3), F.A.C.]

FW7. Annual Emissions Fee Form and Fee. The annual Title V emissions fees are due (postmarked) by April 1st of each year. The completed form and calculated fee shall be submitted to: Major Air Pollution Source Annual Emissions Fee, P.O. Box 3070, Tallahassee, Florida 32315-3070. The forms are available

for download by accessing the Title V Annual Emissions Fee On-line Information Center at the following Internet web site: http://www.dep.state.fl.us/Air/permitting/tvfee.htm.
[Rule 62-213.205, F.A.C. and §403.0872(11), Florida Statutes (2013)]

{Permitting Note: In addition to the change in the Title V fee submission from March 1st to April 1st, Chapter 403.0872(11)(a) has been revised to require that the annual fee be calculated based upon actual emissions rather than allowable emissions, as in the past. The Department will be exploring the development of a revision to the electronic annual operating report (EAOR) application to automatically calculate the amount of the fee based upon actual emission information provided with the annual operating report. When completed, the procedures for submitting the fee and/or the submission address may change. Until further notice, the fees shall continue to be submitted to the address shown in Specific Condition FW7 and according to instructions posted on the Department's fee information web page. Be sure to check the Title V Annual Emissions Fee On-line Information Center (see above web site address) periodically for updates, especially before submitting future Title V fee payments.}

FW8. Annual Statement of Compliance. The permittee shall submit an annual statement of compliance to the compliance authority at the address shown on the cover of this permit within 60 days after the end of each calendar year during which the Title V permit was effective.
[Rules 62-213.440(3)(a)2. & 3. and (3)(b), F.A.C.]

FW9. Prevention of Accidental Releases (Section 112(r) of CAA). If and when the facility becomes subject to 112(r), the permittee shall:
a. Submit its Risk Management Plan (RMP) to the Chemical Emergency Preparedness and Prevention Office (CEPPO) RMP Reporting Center. Any Risk Management Plans, original submittals, revisions or updates to submittals, should be sent to: RMP Reporting Center, Post Office Box 10162, Fairfax, VA 22038, Telephone: (703) 227-7650.
b. Submit to the permitting authority Title V certification forms or a compliance schedule in accordance with Rule 62-213.440(2), F.A.C.
[40 CFR 68]

FW10. The permittee shall submit all compliance related notifications and reports required of this permit to the Regulatory and Economic Resources (RER) at the following address:

Miami-Dade County
Regulatory and Economic Resources
Air Quality Management
701 NW 1 Court, Suite 400
Miami, Florida 33136-3912

FW11. Recordkeeping of Fuel Usage. The permittee shall maintain records of natural gas fuel usage.
[Rule 62-213.440(1)(b) 2b F.A.C.]

FW12. Supporting Documentation. Supporting documentation, such as Material Safety Data Sheets, purchase orders, etc., shall be kept, which includes sufficient information, to determine compliance. The log and documents shall be kept at the facility for at least 5 years and made available to the RER. Monthly logs shall be completed within 10 calendar days after completion of the preceding month.
[Rule 62-213.440(1)(b) 2b F.A.C.]

The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
003	**Resin Casting Operations** Hialeah Plant, Building No. 1 Polyester resin mixing, closed mold process, curing, natural gas fueled drying oven

A.0. Rule Applicability**:** The permittee shall comply with all applicable standards contained in 40 CFR 63 Subpart WWWW – National Emission Standards for Hazardous Air Pollutants for Reniforced Plastic Composites Production, and 40 CFR 63 Subpart A – General Provisions because the facility meets the following criteria:

(a) The permittee owns or operates an existing reinforced plastic composites production facility that is located at a major source of HAP emissions. Reinforced plastic composites production is limited to operations in which reinforced and/or nonreinforced plastic composites or plastic molding compounds are manufactured using thermoset resins and/or gel coats that contain styrene to produce plastic composites. The resins and gel coats may also contain materials designed to enhance the chemical, physical, and/or thermal properties of the product. Reinforced plastic composites production also includes cleaning, mixing, HAP-containing materials storage, and repair operations associated with the production of plastic composites.

(b) Reserved

(c) Reserved

(d) The permittee's reinforced plastic composites operations use more than 1.2 tons per year (tpy) of thermoset resins and gel coats that contain styrene combined.

[40 CFR 63.5785]

Essential Potential to Emit (PTE) Parameters

A.1. Facility Operations Covered by 40 CFR Part 63 Subpart WWWW:
The parts of the permittee's lamp manufacturing facility covered by 40 CFR Part 63 Subpart WWWW consist of any parts of the facility engaged in open molding, closed molding, centrifugal casting, continuous lamination, continuous casting, polymer casting, pultrusion, sheet molding compound (SMC) manufacturing, bulk molding compound (BMC) manufacturing, mixing, cleaning of equipment used in reinforced plastic composites manufacture, HAP-containing materials storage, and repair operations on parts the permittee also manufacture.
[40 CFR 63.5790(b)]

A.2. Facility Operations Excluded from 40 CFR Part 63 Subpart WWWW:
The parts of the permittee's lamp manufacturing facility specifically excluded from any requirements in 40 CFR Part 63 Subpart WWWW consist of the application of mold sealing and release agents, mold stripping and cleaning, repair of parts that the permittee did not manufacture, including nonroutine manufacturing of parts, personal activities that are not part of the manufacturing operations (such as hobby shops on military bases), prepreg materials as defined in 40 CFR 63.5935, non-gel coat surface coatings, application of putties, polyputties, and adhesives, repair or production materials that do not contain resin or gel coat, and research and development operations as defined in section 112(c)(7) of the CAA, polymer casting, and closed molding operations (except for compression/injection molding). Note that the exclusion of certain operations from any requirements applies only to operations specifically listed in 40 CFR 63.5790(c). The requirements for any co-located operations still apply.
[40 CFR 63.5790(c)]

A.3. Hours of Operation: The referenced emissions unit(s) may operate 24 hours/day, 7 days/week for 52 weeks/year, resulting in a total of 8,760 hours in a consecutive 12-month total.
[Rule 62-210.200(PTE), F.A.C.; Application No. 0250991-005-AV]

A.4. Allowable Fuel: Fuel for the ovens and kilns shall be limited to natural gas.
[Rule 62-4.070(3) F.A.C.]

Emission Limitations and Standards

A.5. Organic HAP Emissions Factors: The permittee shall use emissions factors as determined in either A.3.(a) or A.3.(b) below to determine compliance with the organic HAP emissions limits in 40 CFR Part 63, Subpart WWWW, National Emissions Standards for Hazardous Air Pollutants: Reinforced Plastic Composites Production, Tables 3 and 5:

(a) The permittee may use the equations in Table 1 to Subpart WWWW to calculate applicable emissions factors. Equations are available for each open molding operation and centrifugal casting operation and have units of pounds of organic HAP emitted per ton (lb/ton) of resin or gel coat applied. These equations are intended to provide a method for the permittee to demonstrate compliance without the need to conduct for a HAP emissions test. Or,

(b) The permittee can elect to use site-specific organic HAP emissions factors to demonstrate compliance provided the facility site-specific organic HAP emissions factors are incorporated in the facility's air emissions permit and are based on actual facility HAP emissions test data. The permittee may also use the organic HAP emissions factors calculated using the equations in Table 1 to Subpart WWWW, combined with resin and gel coat use data, to calculate the facility organic HAP emissions.

[40 CFR 63.5796]

A.6. Determining Organic HAP Content of Resins and gel coats:
In order to determine the organic HAP content of resins and gel coats, the permittee may rely on information provided by the material manufacturer, such as manufacturer's formulation data and material safety data sheets (MSDS), using the procedures specified in paragraphs (a) through (c) of 40 CFR 63.5797, as applicable.

(a) Include in the organic HAP total each organic HAP that is present at 0.1 percent by mass or more for Occupational Safety and Health Administration-defined carcinogens, as specified in 29 CFR 1910.1200(d)(4) and at 1.0 percent by mass or more for other organic HAP compounds.

(b) If the organic HAP content is provided by the material supplier or manufacturer as a range, the permittee must use the upper limit of the range for determining compliance. If a separate measurement of the total organic HAP content, such as an analysis of the material by EPA Method 311 of Appendix A to 40 CFR part 63, exceeds the upper limit of the range of the total organic HAP content provided by the material supplier or manufacturer, then the permittee must use the measured organic HAP content to determine compliance.

(c) If the organic HAP content is provided as a single value, the permittee may use that value to determine compliance. If a separate measurement of the total organic HAP content is made and is less than 2 percentage points higher than the value for total organic HAP content provided by the material supplier or manufacturer, then the permittee still may use the provided value to demonstrate compliance. If the measured total organic HAP content exceeds the provided value by 2 percentage points or more, then the permittee must use the measured organic HAP content to determine compliance.

[40 CFR 63.5797]

A.7. Procedures to Establish HAP Emissions Factors:

If the permittee uses or plans to use a resin or gel coat application technology, whose emission characteristics are not represented by the equations in Table 1 to Subpart WWWW, the permittee may use the procedures in paragraphs (a) or (b) listed below to establish an organic HAP emissions factor. This organic HAP emissions factor may then be used to determine compliance with the emission limits in Subpart WWWW, and to calculate facility organic HAP emissions.

(a) Perform an organic HAP emissions test to determine a site-specific organic HAP emissions factor using the test procedures in 40 CFR 63.5850.

(b) Submit a petition to the Administrator for administrative review of this subpart. This petition must contain a description of the resin or gel coat application technology and supporting organic HAP emissions test data obtained using EPA test methods or their equivalent. The emission test data should be obtained using a range of resin or gel coat HAP contents to demonstrate the effectiveness of the technology under the different conditions, and to demonstrate that the technology will be effective at different sites. We will review the submitted data, and, if appropriate, update the equations in Table 1 to Subpart WWWW.

[40 CFR 63.5798]

A.8. Calculating Organic HAP Emissions To Determine Applicable Standards:

To calculate the facility's organic HAP emissions in tpy, for purposes of determining which paragraphs in 40 CFR Part 63.5805 apply, the permittee must use the procedures in 40 CFR 63.5799(b) for existing facilities and new facilities after startup. Calculate organic HAP emissions prior to any add-on control device. For centrifugal casting operations, do not include any organic HAP emissions where resin or gel coat is applied to an open centrifugal mold using open molding application techniques. Table 1 and the Table 1 footnotes to Subpart WWWW present more information on calculating centrifugal casting organic HAP emissions. The timing and reporting of these calculations is discussed in 40 CFR 63.5799(c).

(a) Reserved

(b) The permittee may use the procedures in either paragraph (b)(1) or (2) of 40 CFR 63.5799. If the emission factors have changed over the period of time prior to the initial compliance date due to incorporation of pollution-prevention control techniques, the permittee may base the average emission factor on operations as they exist on the compliance date.

(1) *Use a calculated emission factor*. Calculate a weighted average organic HAP emissions factor on a lbs/ton of resin and gel coat basis. Base the weighted average on the prior 12 months of operation. Multiply the weighted average organic HAP emissions factor by resin and gel coat use over the same period. The permittee may calculate this organic HAP emissions factor based on the equations in Table 1 to Subpart WWWW, or the permittee may use any organic HAP emissions factor approved by us, such as factors from AP-42, or site specific organic HAP emissions factors if they are supported by HAP emissions test data.

(2) *Conduct performance testing*. Conduct performance testing using the test procedures in 40 CFR 63.5850 to determine a site-specific organic HAP emissions factor in units of lbs/ton of resin and gel coat used. Conduct the test under conditions expected to result in the highest possible organic HAP emissions. Multiply this factor by annual resin and gel coat use to determine annual organic HAP emissions. This calculation must be repeated and reported annually.

[40 CFR 63.5799(a)&(b)]

Emission Limitations and Standards

A.9. Timing and Reporting of Organic HAP Emissions:

The permittee must calculate organic HAP emissions based on resin and gel coat use in the 12 months prior to the initial compliance date , and submit this information with the initial compliance report. After

the initial compliance date , the facility must recalculate organic HAP emissions over the 12-month period ending June 30 or December 31, whichever date is the first date following their compliance date specified in 40 CFR 63.5800. Subsequent calculations should cover the periods in the semiannual compliance reports.
[40 CFR 63.5799(c)]

A.10. Compliance Date: The permittee shall comply with the standards in 40 CFR Part 63 Subpart WWWW, as specified in Table 2 of Subpart WWWW. If meeting an organic HAP emissions standard based on a 12-month rolling average, the permittee must begin collecting data on the compliance date in order to demonstrate compliance.
[40 CFR 63.5800]

A.11. Emissions Standards:
The permittee must meet the requirements of paragraphs (a) through (h) of 40 CFR 63.5905 that apply to the permittee. The permittee may elect to comply using any options to meet the standards described in 40 CFR 63.5810 through 40 CFR 63.5830. Use the procedures in 40 CFR 63.5799 to determine if the permittee meet or exceed the 100 tpy threshold.

(a) Because the facility has a centrifugal casting or continuous casting/lamination operation, the permittee must meet the requirements of paragraph (a)(1) or (2) of 40 CFR63.5805.
(1) If the combination of all centrifugal casting and continuous lamination/casting operations emit 100 tpy or more of HAP, the permittee must reduce the total organic HAP emissions from centrifugal casting and continuous lamination/casting operations by at least 95 percent by weight.. As an alternative to meeting the 95 percent by weight requirement, centrifugal casting operations may meet the organic HAP emissions limits in Table 5 to Subpart WWWW and continuous lamination/casting operations may meet an organic HAP emissions limit of 1.47 lbs/ton of neat resin plus and neat gel coat plus applied. For centrifugal casting, the percent reduction requirement does not apply to organic HAP emissions that occur during resin application onto an open centrifugal casting mold using open molding application techniques.
(2) If the combination of all centrifugal casting and continuous lamination/casting operations emit less than 100 tpy of HAP, then centrifugal casting and continuous lamination/casting operations must meet the appropriate requirements in Table 3 to 40 CFR 63 Subpart WWWW.

(b) All operations not listed in paragraph (a) of 40 CFR 63.5805 must meet the organic HAP limits in Table 3 to 40 CFR 63 Subpart WWWW and the work practice standards in Table 4 to 40 CFR 63.5805 that apply, regardless of the quantity of HAP emitted.

(c) Reserved

(d) Reserved

(e) If the permittee is subject to paragraph (a)(2) of 40 CFR 63 Subpart WWWW at its initial compliance date that subsequently meets or exceeds the 100 tpy threshold in any calendar year, the permittee must notify the RER in the compliance report. The permittee may at the same time request a one-time exemption from the requirements of paragraph (a)(1) of 40 CFR 63.5805 in the compliance report if the permittee can demonstrate all of the following:
(1) The exceedance of the threshold was due to circumstances that will not to be repeated.
(2) The average annual organic HAP emissions from the potentially affected operations for the last 3 years were below 100 tpy.
(3) Projected organic HAP emissions for the next calendar year are below 100 tpy, based on projected resin and gel coat use and the HAP emission factors calculated according to the procedures in 40 CFR 63.5799.

(f) If the permittee applies for an exemption in paragraph (e) of 40 CFR 63.5805, and subsequently exceeds the HAP emission thresholds specified in paragraph (a)(2) of 40 CFR 63.5805 over the next

12-month period, the permittee shall notify the RER in the semi-annual report, the exemption is removed, and the facility must comply with paragraph (a)(1) of 40 CFR 63.5805 within 3 years from the time the organic HAP emissions first exceeded the threshold.

(g) If the permittee has repair operations subject to Subpart WWWW as defined in 40 CFR 63.5785, these repair operations must meet the requirements in Tables 3 and 4 to Subpart WWWW, and are not required to meet the 95 percent organic HAP emissions reduction requirements in paragraph (a)(1) of 40 CFR 63.5805.

(h) If an add-on control device is used to comply with Subpart WWWW, the permittee shall meet all requirements contained in 40 CFR Part 63, subpart SS.

[40 CFR 63.5805]

A.12. Options for Meeting the Standards for Open Molding and Centrifugal Casting Operations:
The permittee must use one of the following methods in paragraphs (a) through (d) of 40 CFR 63.5810 to meet the standards for open molding or centrifugal casting operations in Table 3 or 5 to Subpart WWWW. The permittee may use any control method that reduces organic HAP emissions, including reducing resin and gel coat organic HAP content, changing to nonatomized mechanical application, using covered curing techniques, and routing part or all emissions to an add-on control. The permittee may use different compliance options for the different operations listed in Table 3 or 5 to subpart WWWW. The necessary calculations must be completed within 30 days after the end of each month. The permittee may switch between the compliance options in paragraphs (a) through (d) of 40 CFR 63.5810. When the permittee changes to an option based on a 12-month rolling average, the permittee must base the average on the previous 12 months of data calculated using the compliance option the permittee is changing to, unless the permittee was previously using an option that did not require the permittee to maintain records of resin and gel coat use. In this case, the permittee must immediately begin collecting resin and gel coat use data and demonstrate compliance 12 months after changing options.

(a) *Demonstrate that an individual resin or gel coat, as applied, meets the applicable emission limit in Table 3 or 5 to Subpart WWWW.*

(1) Calculate actual organic HAP emissions factor for each different process stream within each operation type. A process stream is defined as each individual combination of resin or gel coat, application technique, and control technique. Process streams within operations types are considered different from each other if any of the following four characteristics vary: the neat resin plus or neat gel coat plus organic HAP content, the gel coat type, the application technique, or the control technique. The permittee must calculate organic HAP emissions factors for each different process stream by using the appropriate equations in Table 1 to Subpart WWWW for open molding and for centrifugal casting, or site-specific organic HAP emissions factors discussed in 40 CFR 63.5796. The emission factor calculation should include any and all emission reduction techniques used including any add-on controls. If the permittee is using vapor suppressants to reduce HAP emissions, the permittee must determine the vapor suppressant effectiveness (VSE) by conducting testing according to the procedures specified in Appendix A to subpart WWWW of 40 CFR part 63. If the permittee is using an add-on control device to reduce HAP emissions, the permittee must determine the add-on control factor by conducting capture and control efficiency testing, using the procedures specified in 40 CFR 63.5850. The organic HAP emissions factor calculated from the equations in Table 1 to Subpart WWWW, or a site-specific emissions factor, is multiplied by the add-on control factor to calculate the organic HAP emissions factor after control. Use Equation 1 of 40 CFR 63.5810 to calculate the add-on control factor used in the organic HAP emissions factor equations.

$$\text{Add-on Control Factor} = 1 - \frac{\text{\% Control Efficiency}}{100} \qquad \text{(Eq. 1)}$$

Where:
Percent Control Efficiency = a value calculated from organic HAP emissions test measurements made according to the requirements of 40 CFR 63.5850 to Subpart WWWW.

(2) If the calculated emission factor is less than or equal to the appropriate emission limit, the permittee demonstrated that this process stream complies with the emission limit in Table 3 to Subpart WWWW. It is not necessary that all the permittee's process streams, considered individually, demonstrate compliance to use this option for some process streams. However, for any individual resin or gel coat the permittee uses, if any of the process streams that include that resin or gel coat are to be used in any averaging calculations described in paragraphs (b) through (d) of 40 CFR 63.5810, then all process streams using that individual resin or gel coat must be included in the averaging calculations.

(b) *Demonstrate that, on average, the permittee meet the individual organic HAP emissions limits for each combination of operation type and resin application method or gel coat type.* Demonstrate that on average the permittee meet the individual organic HAP emissions limits for each unique combination of operation type and resin application method or gel coat type shown in Table 3 to Subpart WWWW that applies to the permittee.

(1)(i) Group the process streams described in paragraph (a) to 40 CFR 63.5810 by operation type and resin application method or gel coat type listed in Table 3 to Subpart WWWW and then calculate a weighted average emission factor based on the amounts of each individual resin or gel coat used for the last 12 months. To do this, sum the product of each individual organic HAP emissions factor calculated in paragraph (a)(1) of 40 CFR 63.5810 and the amount of neat resin plus and neat gel coat plus usage that corresponds to the individual factors and divide the numerator by the total amount of neat resin plus and neat gel coat plus used in that operation type as shown in Equation 2 of 40 CFR 63.5810.

$$\text{Actual Operation Organic HAP Emissions Factor} = \frac{\sum_{i=1}^{n}\left(\text{Actual Process Stream EF}_i * \text{Material}_i\right)}{\sum_{i=1}^{n}\text{Material}_i} \quad \text{(Eq. 2)}$$

Where:
Actual Process Stream EF_i = actual organic HAP emissions factor for process stream i, lbs/ton
$Material_i$ = neat resin plus or neat gel coat plus used during the last 12 calendar months for process stream
i, tons
n = number of process streams where an organic HAP emissions factor was calculated

(ii) The permittee may, but is not required to, include process streams where the permittee has demonstrated compliance as described in paragraph (a) of 40 CFR 63.5810, subject to the limitations described in paragraph (a)(2) of 40 CFR 63.5810, and the permittee is not required to and should not include process streams for which the permittee will demonstrate compliance using the procedures in paragraph (d) of 40 CFR 63.5810.

(2) Compare each organic HAP emissions factor calculated in paragraph (b)(1) of 40 CFR 63.5810 with its corresponding organic HAP emissions limit in Tables 3 or 5 to Subpart WWWW. If all

emissions factors are equal to or less than their corresponding emission limits, then the permittee is in compliance.

(c) *Demonstrate compliance with a weighted average emission limit.* Demonstrate each month that the permittee meet each weighted average of the organic HAP emissions limits in Tables 3 or 5 to Subpart WWWW that apply to the permittee. When using this option, the permittee must demonstrate compliance with the weighted average organic HAP emissions limit for all open molding operations, and then separately demonstrate compliance with the weighted average organic HAP emissions limit for all centrifugal casting operations. Open molding operations and centrifugal casting operations may not be averaged with each other.

(1) Each month calculate the weighted average organic HAP emissions limit for all open molding operations and the weighted average organic HAP emissions limit for all centrifugal casting operations for the permittee's facility for the last 12-month period to determine the organic HAP emissions limit the permittee must meet. To do this, multiply the individual organic HAP emissions limits in Tables 3 or 5 to Subpart WWWW for each open molding (centrifugal casting) operation type by the amount of neat resin plus or neat gel coat plus used in the last 12 months for each open molding (centrifugal casting) operation type, sum these results, and then divide this sum by the total amount of neat resin plus and neat gel coat plus used in open molding (centrifugal casting) over the last 12 months. Use Equation 3 of 40 CFR 63.5810 to calculate the weighted average organic HAP emissions limit for all open molding operations and separately for all centrifugal casting operations.

$$\text{Weighted Average Emission Limit} = \frac{\sum_{i=1}^{n}\left(EL_i * Material_i\right)}{\sum_{i=1}^{n} Material_i} \qquad \text{(Eq. 3)}$$

Where:
EL_i = organic HAP emissions limit for operation type i, lbs/ton from Tables 3, 5 or 7 to Subpart WWWW
$Material_i$ = neat resin plus or neat gel coat plus used during the last 12-month period for operation type i, tons
n = number of operations

(2) Each month calculate the facility actual weighted average organic HAP emissions factor for open molding and centrifugal casting. To do this, multiply the facility actual open molding (centrifugal casting) operation organic HAP emissions factors calculated in paragraph (b)(1) of 40 CFR 63.5810 and the amount of neat resin plus and neat gel coat plus used in each open molding (centrifugal casting) operation type, sum the results, and divide this sum by the total amount of neat resin plus and neat gel coat plus used in open molding (centrifugal casting) operations as shown in Equation 4 of 40 CFR 63.5810.

$$\text{Actual Weighted Average Organic HAP Emissions Factor} = \frac{\sum_{i=1}^{n}\left(\text{Actual Operation } EF_i * Material_i\right)}{\sum_{i=1}^{n} Material_i} \qquad \text{(Eq. 4)}$$

Where:
Actual Individual EF_i = Actual organic HAP emissions factor for operation type i, lbs/ton
$Material_i$ = neat resin plus or neat gel coat plus used during the last 12 calendar months for operation type i, tons
n = number of operations

(3) Compare the values calculated in paragraphs (c)(1) and (2) of 40 CFR 63.5810. If each 12-month rolling average organic HAP emissions factor is less than or equal to the corresponding 12-month rolling average organic HAP emissions limit, then the permittee is in compliance.

(d) Meet the organic HAP emissions limit for one application method and use the same resin(s) for all application methods of that resin type. This option is limited to resins of the same type. The resin types for which this option may be used are noncorrosion-resistant, corrosion-resistant and/or high strength, and tooling.

(1) For any combination of manual resin application, mechanical resin application, filament application, or centrifugal casting, the permittee may elect to meet the organic HAP emissions limit for any one of these application methods and use that operation's same resin in all of the resin application methods listed in this paragraph (d)(1). Table 7 to Subpart WWWW presents the possible combinations based on a facility selecting the application process that results in the highest allowable organic HAP content resin. If the resin organic HAP content is below the applicable value shown in Table 7 to Subpart WWWW, the resin is in compliance.

(2) The permittee may also use a weighted average organic HAP content for each application method described in paragraph (d)(1) of 40 CFR 63.5810. Calculate the weighted average organic HAP content monthly. Use Equation 2 in paragraph (b)(1) of 40 CFR 63.5810 except substitute organic HAP content for organic HAP emissions factor. The permittee is in compliance if the weighted average organic HAP content based on the last 12 months of resin use is less than or equal to the applicable organic HAP contents in Table 7 to Subpart WWWW.

(3) The permittee may simultaneously use the averaging provisions paragraph (b) or (c) of 40 CFR 63.5810 to demonstrate compliance for any operations and/or resins the permittee does not include in the compliance demonstrations in paragraphs (d)(1) and (2) of 40 CFR 63.5810. However, any resins for which the permittee claims compliance under the option in paragraphs (d)(1) and (2) of 40 CFR 63.5810 may not be included in any of the averaging calculations described in paragraphs (b) or (c) of 40 CFR 63.5810.

(4) The permittee does not have to keep records of resin use for any of the individual resins where the permittee demonstrate compliance under the option in paragraph (d)(1) of 40 CFR 63.5810 unless the permittee elect to include that resin in the averaging calculations described in paragraph (d)(2) of 40 CFR 63.5810.

[40 CFR 63.5810]

A.13. General Requirements for Complying with 40 CFR Part 63 Subpart WWWW:

(a) The permittee must be in compliance at all times with the work practice standards in Table 4 to Subpart WWWW, as well as the organic HAP emissions limits in Tables 3, or 5, or the organic HAP content limits in Table 7 to Subpart WWWW, as applicable, that the permittee is meeting without the use of add-on controls.

(b) The permittee must be in compliance with all organic HAP emissions limits in Subpart WWWW met using add-on controls, except during periods of startup, shutdown, and malfunction.

(c) The permittee must always operate and maintain the affected source, including air pollution control and monitoring equipment, according to the provisions in 40 CFR 63.6(e)(1)(i).

(d) The permittee must develop a written startup, shutdown, and malfunction plan according to the provisions in 40 CFR 63.6(e)(3) for any organic HAP emissions limits met using an add-on control.

[40 CFR 63.5835]

A.14. Performance testing or other initial compliance demonstration:

The permittee must conduct performance tests, performance evaluations, design evaluations, capture efficiency testing, and other initial compliance demonstrations by the compliance date specified in Table 2 to 40 CFR 63 Subpart WWWW, with three exceptions. Open molding and centrifugal casting

operations that elect to meet an organic HAP emissions limit on a 12-month rolling average must initiate collection of the required data on the compliance date, and demonstrate compliance 1 year after the compliance date.
[40 CFR 63.5840]

A.15. Monitoring and Data Collection:

(a) Reserved

(b) The permittee must monitor and collect data as specified in paragraphs (b)(1) through (4) of 40 CFR 63.5895.

(1) Except for monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments), the permittee must conduct all monitoring in continuous operation (or collect data at all required intervals) at all times that the affected source is operating.

(2) The permittee may not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities for purposes of 40 CFR Part 63 Subpart WWWW, including data averages and calculations, or fulfilling a minimum data availability requirement, if applicable. The permittee must use all the data collected during all other periods in assessing the operation of the control device and associated control system.

(3) At all times, the permittee must maintain necessary parts for routine repairs of the monitoring equipment.

(4) A monitoring malfunction is any sudden, infrequent, not reasonably preventable failure of the monitoring equipment to provide valid data. Monitoring failures that are caused in part by poor maintenance or careless operation are not malfunctions.

(c) The permittee must collect and keep records of resin and gel coat use, organic HAP content, and operation where the resin is used if meeting any organic HAP emissions limits based on an organic HAP emissions limit in Tables 3 or 5 to Subpart WWWW. The permittee must collect and keep records of resin and gel coat use, organic HAP content, and operation where the resin is used if meeting any organic HAP content limits in Table 7 to Subpart WWWW if averaging organic HAP contents. Resin use records may be based on purchase records if the permittee can reasonably estimate how the resin is applied. The organic HAP content records may be based on MSDS or on resin specifications supplied by the resin supplier.

(d) Resin and gel coat use records are not required for the individual resins and gel coats that are demonstrated, as applied, to meet their applicable emission as defined in 40 CFR 63.5810(a). However, the permittee must retain the records of resin and gel coat organic HAP content, and must include the list of these resins and gel coats and identify their application methods in the semiannual compliance reports. If after the permittee has initially demonstrated that a specific combination of an individual resin or gel coat, application method, and controls meets its applicable emission limit, and the resin or gel coat changes or the organic HAP content increases, or the permittee changes the application method or controls, then the permittee again must demonstrate that the individual resin or gel coat meets its emission limit as specified in paragraph (a) of 40 CFR 63.5810. If any of the previously mentioned changes results in a situation where an individual resin or gel coat now exceeds its applicable emission limit in Table 3 or 5 of subpart WWWW, the permittee must begin collecting resin and gel coat use records and calculate compliance using one of the averaging options on a 12-month rolling average.

(e) For each pultrusion machine, the permittee must record all times that wet area enclosures, doors, or covers are open and there is resin present in the resin bath.

[40 CFR 63.5895]

A.16. Demonstration of Continuous Compliance:

(a) The permittee must demonstrate continuous compliance with each standard in 40 CFR 63.5805 that applies to the permittee according to the methods specified in paragraphs (a)(1) through (3) of 40 CFR 63.5900.
   (1) Compliance with organic HAP emissions limits for sources using add-on control devices is demonstrated following the procedures in 40 CFR part 63, subpart SS. Sources using add-on controls may also use continuous emissions monitors to demonstrate continuous compliance as an alternative to control parameter monitoring.
   (2) Compliance with organic HAP emissions limits is demonstrated by maintaining a organic HAP emissions factor value less than or equal to the appropriate organic HAP emissions limit listed in Tables 3, or 5 to Subpart WWWW, on a 12-month rolling average, or by including in each compliance report a statement that all resins and gel coats meet the appropriate organic HAP emissions limits, as discussed in 40 CFR 63.5895(d).
   (3) Compliance with organic HAP content limits in Table 7 to Subpart WWWW is demonstrated by maintaining an average organic HAP content value less than or equal to the appropriate organic HAP contents listed in Table 7 to Subpart WWWW, on a 12-month rolling average, or by including in each compliance report a statement that all resins and gel coats individually meet the appropriate organic HAP content limits, as discussed in 40 CFR 63.5895(d).
   (4) Compliance with the work practice standards in Table 4 to Subpart WWWW is demonstrated by performing the work practice required for the permittee's operation.

(b) The permittee must report each deviation from each standard in 40 CFR 63.5805 that applies to the permittee. The deviations must be reported according to the requirements in 40 CFR 63.5910.

(c) Except as provided in paragraph (d) of 40 CFR 63.5900, during periods of startup, shutdown or malfunction, the permittee must meet the organic HAP emissions limits and work practice standards that apply to the permittee.

(d) When the permittee uses an add-on control device to meet standards in 40 CFR 63.5805, the permittee is not required to meet those standards during periods of startup, shutdown, or malfunction, but the permittee must operate the affected source to minimize emissions in accordance with 40 CFR 63.6(e)(1).

(e) Consistent with 40 CFR 63.6(e) and 40 CFR 63.7(e)(1), deviations that occur during a period of malfunction for those affected sources and standards specified in paragraph (d) of 40 CFR 63.5900 are not violations if the permittee demonstrates to the Administrator's satisfaction that the permittee was operating in accordance with 40 CFR 63.6(e)(1). The Administrator will determine whether deviations that occur during a period of startup, shutdown, and malfunction are violations, according to the provisions in 40 CFR 63.6(e).

[40 CFR 63.5900]

A.17. Notifications Submittal:

(a) The permittee must submit all of the notifications in Table 13 of Subpart WWWW that apply to the permittee by the dates specified in Table 13 to Subpart WWWW. The notifications are described more fully in 40 CFR Part 63, Subpart A, referenced in Table 13 to 40 CFR 63 Subpart WWWW.

(b) If the permittee change any information submitted in any notification, the permittee must submit the changes in writing to the Administrator within 15 calendar days after the change

[40 CFR 63.5905]

A.18. Report Submittal:

(a) The permittee must submit each report in Table 14 to Subpart WWWW that applies to the permittee.

(b) Unless the Administrator has approved a different schedule for submission of reports under 63.10(a), the permittee must submit each report by the date specified in Table 14 Subpart WWWW and according to paragraphs (b)(1) through (5) of 40 CFR 63.5910.

(1) The first compliance report must cover the period beginning on the compliance date that is specified for the affected source in 40 CFR 63.5800 and ending on June 30 or December 31, whichever date is the first date following the end of the first calendar half after the compliance date that is specified for the source in 40 CFR 63.5800.

(2) The first compliance report must be postmarked or delivered no later than July 31 or January 31, whichever date follows the end of the first calendar half after the compliance date that is specified for the affected source in 40 CFR 63.5800.

(3) Each subsequent compliance report must cover the semiannual reporting period from January 1 through June 30 or the semiannual reporting period from July 1 through December 31.

(4) Each subsequent compliance report must be postmarked or delivered no later than July 31 or January 31, whichever date is the first date following the end of the semiannual reporting period.

(5) For each affected source that is subject to permitting requirements pursuant to 40 CFR part 70 or 71, and if the RER has established dates for submitting semiannual reports pursuant to 70.6 (a)(3)(iii)(A) or 71.6(a)(3)(iii)(A), the permittee may submit the first and subsequent compliance reports according to the dates the RER has established instead of according to the dates in paragraphs (b)(1) through (4) of 40 CFR 63.5910.

(c) The compliance report must contain the information in paragraphs (c)(1) through (6) of 40 CFR 63.5910:

(1) Company name and address.

(2) Statement by a responsible official with that official's name, title, and signature, certifying the truth, accuracy, and completeness of the content of the report.

(3) Date of the report and beginning and ending dates of the reporting period.

(4) If the permittee had a startup, shutdown, or malfunction during the reporting period and the permittee took actions consistent with the startup, shutdown, and malfunction plan, the compliance report must include the information in 40 CFR 63.10(d)(5)(i).

(5) If there are no deviations from any organic HAP emissions limitations (emissions limit and operating limit) that apply to the permittee, and there are no deviations from the requirements for work practice standards in Table 4 to Subpart WWWW, a statement that there were no deviations from the organic HAP emissions limitations or work practice standards during the reporting period.

(6) If there were no periods during which the continuous monitoring system (CMS), including a continuous emissions monitoring system (CEMS) and an operating parameter monitoring system were out of control, as specified in 40 CFR 63.8(c)(7), a statement that there were no periods during which the CMS was out of control during the reporting period.

(d) For each deviation from a organic HAP emissions limitation (i.e., emissions limit and operating limit) and for each deviation from the requirements for work practice standards that occurs at an affected source where the permittee is not using a CMS to comply with the organic HAP emissions limitations or work practice standards in Subpart WWWW, the compliance report must contain the information in paragraphs (c)(1) through (4) of 40 CFR 63.5910 and in paragraphs (d)(1) and (2) of 40 CFR 63.5910. This includes periods of startup, shutdown, and malfunction.

(1) The total operating time of each affected source during the reporting period.

(2) Information on the number, duration, and cause of deviations (including unknown cause, if applicable), as applicable, and the corrective action taken.

(e) Reserved

(f) The permittee must report if the permittee has exceeded the 100 tpy organic HAP emissions threshold if that exceedance would make the facility subject to 40 CFR 63.5805(b) or (d). Include with this

report any request for an exemption under 40 CFR 63.5805(e). If the permittee receives an exemption under 40 CFR 63.5805(e) and subsequently exceeds the 100 tpy organic HAP emissions threshold, the permittee must report this exceedance as required in 40 CFR 63.5805(f).

(g) Each affected source that has obtained a title V operating permit pursuant to 40 CFR part 70 or 71 must report all deviations as defined in Subpart WWWW in the semiannual monitoring report required by 40 CFR 70.6(a)(3)(iii)(A) or 71.6(a)(3)(iii)(A). If an affected source submits a compliance report pursuant to Table 14 to Subpart WWWW along with, or as part of, the semiannual monitoring report required by 40 CFR 70.6(a)(3)(iii)(A) or 71.6(a)(3)(iii)(A), and the compliance report includes all required information concerning deviations from any organic HAP emissions limitation (including any operating limit) or work practice requirement in Subpart WWWW, submission of the compliance report shall be deemed to satisfy any obligation to report the same deviations in the semiannual monitoring report. However, submission of a compliance report shall not otherwise affect any obligation the affected source may have to report deviations from permit requirements to the RER.

(h) Submit compliance reports and startup, shutdown, and malfunction reports based on the requirements in Table 14 to Subpart WWWW, and not based on the requirements in 40 CFR 63.999.

(i) Where multiple compliance options are available, the permittee must state in the next compliance report if the permitte has changed compliance options since the last compliance report.

[40 CFR 63.5910]

A.19. Recordkeeping:

(a) The permittee must keep the records listed in paragraphs (a)(1) through (3) of 40 CFR 63.5915.

(1) A copy of each notification and report that was submitted to comply with 40 CFR 63 Subpart WWWW, including all documentation supporting any Initial Notification or Notification of Compliance Status that was submitted, according to the requirements in 40 CFR 63.10(b)(2)(xiv).

(2) The records in 40 CFR 63.6(e)(3)(iii) through (v) related to startup, shutdown, and malfunction.

(3) Records of performance tests, design, and performance evaluations as required in 40 CFR 63.10(b)(2).

(b) If the permittee uses an add-on control device , the permittee must keep all records required in 40 CFR part 63, subpart SS, to show continuous compliance with 40 CFR 63 Subpart WWWW.

(c) The permittee must keep all data, assumptions, and calculations used to determine organic HAP emissions factors or average organic HAP contents for operations listed in Tables 3, 5, and 7 to 40 CFR 63 Subpart WWWW .

(d) The permittee must keep a certified statement that the permittee is in compliance with the work practice requirements in Table 4 to Subpart WWWW, as applicable.

(e) Reserved

[40 CFR 63.5915]

A.20. Format/Length of Recordkeeping:

(a) The permittee must maintain all applicable records in such a manner that they can be readily accessed and are suitable for inspection according to 40 CFR 63.10(b)(1).
(b) As specified in 40 CFR 63.10(b)(1), the permittee must keep each record for 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record.
(c) The permittee must keep each record onsite for at least 2 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record, according to 40 CFR 63.10(b)(1). The permittee can keep the records offsite for the remaining 3 years.
(d) The permittee may keep records in hard copy or computer readable form including, but not limited to, paper, microfilm, computer floppy disk, magnetic tape, or microfiche.
[40 CFR 63.5920]

The specific conditions in this section apply to the following emissions units:

EU No.	Brief Description
005	**Metals Parts Washer** **Miami Lakes Plant, Building No. 6** Metal tank with cover Dimensions: 80”L x 24”W x 8.5”H Solvent/air interface: 13.4 sq ft
006	**Paint Coating Processes – Spray and Hand Application** **Miami Lakes Plant, Building No. 6** 15 Paint Spray Booths with two (2) Drying Ovens

Metal Prep Department: Base coat spray booths with natural gas fueled drying oven

Booth No.	Manufacturer	Model No.	Dimensions	Exhaust Fan
SB-110-01	Unknown	N/A	92”W x94”H x 57”D	1.5HP, 30” diameter with 14,995 CFM
SB-110-02	Panam Air Conditioning Co.	N/A	98”W x95”H x 94”D	5HP, 30” diameter with 14,995 CFM
SB-110-03	Panam Air Conditioning Co.	N/A	168”W x96”H x 93”D	3HP, 34” diameter with 13,965 CFM
SB-110-05	Panam Air Conditioning Co.	N/A	168”W x96”H x 96”D	3HP, 30” diameter with 12,220 CFM
SB-110-06	Panam Air Conditioning Co.	N/A	168”W x96”H x 96”D	5HP, 30” diameter with 14,995 CFM
SB-110-07	Panam Air Conditioning Co.	N/A	97”W x93”H x 96”D	2HP, 30” diameter with 9,990 CFM
SB-110-08	Panam Air Conditioning Co.	N/A	168”W x93”H x 96”D	3HP, 36” diameter with 14,450 CFM

Finishing Department: Final coat spray booths with natural gas fueled drying oven

Booth No.	Manufacturer	Model No.	Dimensions	Exhaust Fan
SB-115-01	Cool Air	JTEBC 3-QE 8363	96”W x93”H x 96”D	5HP, 30” diameter with 14,995 CFM
SB-115-02	Cool Air	N/A	96”W x93”H x 96”D	3HP, 30” diameter with 12,220 CFM
SB-115-03	Greenhech	RBUMG3N30-30-X	96”W x93”H x 96”D	3HP, 30” diameter with 12,220 CFM
SB-115-04	Greenhech	RBUMG3N30-30-X	96”W x93”H x 96”D	3HP, 30” diameter with 12,220 CFM
SB-115-05	Greenhech	RBUMG3N30-30-X	96”W x93”H x 96”D	3HP, 30” diameter with 12,220 CFM
SB-115-06	Greenhech	RBUMG3N30-30-X	96”W x93”H x 96”D	3HP, 30” diameter with 12,220 CFM
SB-115-07	Greenhech	RBUMG3N30-30-X	96”W x93”H x 96”D	3HP, 30” diameter with 12,220 CFM
SB-115-08	Greenhech	RBUMG3N30-30-X	96”W x93”H x 96”D	5HP, 30” diameter with 14,995 CFM

GENERAL

B.0. Rule Applicability: The permittee shall comply with the applicable standards in 40 CFR Part 63 Subpart RRRR – National Emissions Standards for Hazardous Air Pollutants for Surface Coating of Metal Furniture, and 40 CR 63 Subpart A - General Provisions because the facility meets the following criteria:

(a) The permittee is the owner or operator of an existing facility that performs surface coating of metal furniture, which includes but is not limited to lamps and lighting fixtures that are constructed either entirely or partially from metal.
(b) The permittee’s facility is a major source of HAP.
(c) The coatings, thinners and cleaning materials used to conduct surface coating at the permittee’s facility contain organic HAP.

[40 CFR 63.4881]

B.1. Facility Operations Covered by 40 CFR Part 63 Subpart RRRR:

The affected source is the collection of all of the items listed in paragraphs (b)(1) through (4) of 40 CFR 63.4882 that are used for surface coating of metal furniture:

1. All coating operations as defined in 40 CFR 63.4981;
2. All storage containers and mixing vessels in which coatings, thinners, and cleaning materials are stored or mixed;
3. All manual and automated equipment and containers and all pumps and piping within the affected source used for conveying coatings, thinners, and cleaning materials; and
4. All storage containers, all pumps and piping, and all manual and automated equipment and containers within the affected source used for conveying waste materials generated by a coating operation.

[40 CFR 63.4882]

B.2. Applicable Standards: The emissions units listed under this subsection shall comply with all the applicable standards of Rule 62-296.513 F.A.C.
[40 CFR 63.340]

B.3. Compliance Date: The date by which the permittee must comply with 40 CFR Subpart 63 Subpart RRRR is called the compliance date. The compliance date for each type of affected source is specified in paragraphs (a) through (c) of 40 CFR 63.4883. The compliance date begins the initial compliance period during which the permittee conduct the initial compliance demonstration described in 40 CFR 63.4940, 63.4950, and 63.4960.

(a) Reserved
(b) For an existing affected source, the compliance date is the date 3 years after May 23, 2003, that is May 23, 2006.
(c) Reserved
(d) The permittee must meet the notification requirements according to the dates specified in 40 CFR 63.4910 and in the General Provisions of 40 CFR Part 63 Subpart A. Some of the notifications must be submitted before the compliance dates described in paragraph (b) of 40 CFR 63.4883.

[40 CFR 63.4883]

B.4. Hours of Operation: The referenced emissions unit(s) may operate 24 hours/day, 7 days/week for 52 weeks/year, resulting in a total of 8,760 hours in a consecutive 12-month total.
[Rule 62-210.200(PTE), F.A.C.; Application No. 0250991-005-AV]

B.5. Allowable Fuel: Fuel for the ovens and kilns shall be limited to natural gas.
[Rule 62-4.070(3) F.A.C.]

B.6. Emissions Limits:
As an existing affected source, the permittee must limit organic HAP emissions to the atmosphere to no more than 0.10 kg organic HAP per liter (0.83 lb/gal) of coating solids used during each compliance period, determined according to the procedures in 40 CFR 63.4941, 63.4951, or 63.4961.
[40 CFR 63.4890(c)]

B.7. Emission Limiting Standard/Low Solvent Coating Technology: The permittee shall not cause, allow, or permit the discharge into the atmosphere of any volatile organic compounds in excess of:

(1) 4.3 pounds per gallon of coating (0.42 kilograms per liter), excluding water, delivered to a coating applicator that applies clear coatings;

(2) 3.5 pounds per gallon of coating (0.42 kilograms per liter), excluding water, delivered to a coating applicator in a coating application system that is air dried or forced warm air dried at temperatures up to 194 degrees Fahrenheit (90 degrees Celsius);
(3) 3.5 pounds per gallon of coating (0.42 kilograms per liter), excluding water, delivered to a coating applicator that applies extreme performance coatings; or
(4) 3.0 pounds per gallon of coating (0.36 kilograms per liter), excluding water, delivered to a coating applicator for all other coatings and coating application systems.
[Rule 62-296.513(2)(a) F.A.C.]

B.8. More Than One Emissions Limit: If more than one emissions limitation in Condition Nos. C.1.(1) thru C.1(4) above, applies to a specific coating, then the least stringent emissions limitation shall be applied.
[Rule 62-296.513(2)(b) F.A.C.]

B.9. Solvent Washings: All volatile organic compound emissions from solvent washings shall be considered in the emissions limitations in Rule 62-296.513.(2)(a), FAC, unless the solvent is directed into containers that prevent evaporation into the atmosphere.
[Rule 62-296.513(2)(c) F.A.C.]

B.10. Test Methods and Procedures: The test method for volatile organic compounds shall be EPA Method 24 or EPA 450/3-84-019, incorporated and adopted by reference in Chapter 62-297, F.A.C.
[Rule 62-296.513(4) F.A.C.]

B.11. Compliance Options: The permitte must include all coatings, thinners, and cleaning materials used in the affected source when determining whether the organic HAP emission rate is equal to or less than the applicable emission limit in 40 CFR 63.4890. To make this determination, the permittee must use at least one of the three compliance options listed in items (a) through (c) of 40 CFR 63.4891. The permittee may apply any of the compliance options to an individual coating operation or to multiple coating operations as a group or to the entire affected source. The permittee may use different compliance options for different coating operations or at different times on the same coating operation. However, the permittee may not use different compliance options at the same time on the same coating operation.

(a) *Compliant material option*.
(1) The permittee must demonstrate that the organic HAP content of each coating used in the coating operation or group of coating operations is less than or equal to the applicable emission rate limit in 40 CFR 63.4890.
(2) The permittee must demonstrate that each thinner and each cleaning material used contains no organic HAP.
(3) The permittee must meet all the requirements of 40 CFR 63.4940, 63.4941, and 63.4942 demonstrate compliance with the emission limit using this option.

(b) *Emission rate without add-on controls option*.
(1) The permittee must demonstrate that, based on the coatings, thinners, and cleaning materials used in the coating operation or group of coating operations, the organic HAP emission rate for the coating operation or group of coating operations is less than or equal to the applicable emission rate limit in 40 CFR 63.4890, calculated as a monthly emission rate.
(2) The permittee must meet all the requirements of 40 CFR 63.4950, 63.4951, and 63.4952 to demonstrate compliance with the emission rate limit using this option.

(c) *Emissions rate with add-on controls option*:
(1) The permittee must demonstrate that, based on the coatings, thinners, and cleaning materials used in the coating operation or group of coating operations, and the emission reductions achieved by emission capture and add-on control systems, the organic HAP emission rate is less than or equal to the applicable emission rate limit in 40 CFR 63.4890, calculated as a monthly emission rate.

(2) If the permittee use this compliance option, the permittee must also demonstrate that all capture systems and add-on control devices for the coating operation or group of coating operations meet the operating limits required in 40 CFR 63.4892, except for solvent recovery systems for which liquid-liquid material balances are conducted according to 40 CFR 63.4961(j); and
(3) The permittee must meet the work practice standards required in 40 CFR 63.4893.
(4) The permittee must meet all the requirements of 40 CFR 63.4960 through 63.4967 to demonstrate compliance with the emission limits, operating limits, and work practice standards using this option.
(5) In addition, if the emission rate with add-on controls compliance option is chosen, the permittee must meet all the requirements of 40 CFR 63.4891(d)

(d) Reserved
[40 CFR 63.4891]

B.12. Switching Compliance Options: If the permittee chooses to switch between compliance options for any coating operation or group of coating operations, the permittee must document this switch as required by 40 CFR 63.4930(c), and must report it in the next semiannual (6-month period) compliance report required in 40 CFR 63.4920.
[40 CFR 63.4891]

B.13. Operating Limits and Work Practice Standards: For any coating operation or group of coating operations for which the permittee uses the compliant material option or the emission rate without add-on controls option are used to demonstrate compliance, the permittee is not required to meet any operating limits or work practice standards.
[40 CFR 63.4892 (a) and 63.4893 (a)]

B.14. General Requirements for Complying With Subpart RRRR: The facility must be in compliance at all times with the emission limitations specified in 40 CFR 63.4890. The permittee must always operate and maintain the facility, including all air pollution control and monitoring equipment used for purposes of complying with Subpart RRRR, according to the provisions in 40 CFR 63.6(e)(1)(i).
[40 CFR 63.4900 (a) and (b)]

B.15. General Provisions:
Table 2 to Subpart RRRR shows which parts of the General Provisions in 40 CFR 63.1 through 63.15 apply to the permittee.
[40 CFR 63.4901]

B.16. The permittee shall maintain daily records of operations for the most recent five year period. The records shall include but not be limited to the following:

a. The rule number applicable to the operation for which the records are being maintained.
b. The application method and substrate type (metal, plastic, paper, etc).
c. The amount and type of adhesive, coatings (including catalyst and reducer for multi-component coatings), solvent, and/or graphic arts material used at each point of application, including exempt compounds.
d. The VOC content as applied in each adhesive coating, solvent and/or graphic arts material.
e. The date for each application of adhesive coating, solvent, and/or graphic arts material.
f. The amount of surface preparation, clean-up. Wash-up of solvent (including exempt compounds) used and the VOC content of each.
g. Oven temperature (where applicable).

h. A rolling consecutive 12-month total emissions rate for VOCs, calculated from the monthly totals for the previous twelve calendar months.
[Rules 62-296.500(2)(b)1 & 62-213.440 F.A.C.]

B.17. Calculating VOC Content: VOC content shall be calculated using a percent solids basis (less water and exempt solvents) for adhesives, coating, and inks, using EPA Reference Method 24.
[Rule 62-296.500(2)(b)2 F.A.C.]

B.18. Notifications to Submit:

(a) *General*. The permittee must submit the notifications in 40 CFR 63.7(b) and (c), 63.8(f)(4), and 63.9(b) through (e), (h), and (j) that apply to the permittee by the dates specified in those sections except as provided in paragraphs (b) and (c) of 40 CFR 63.4910.

(b) *Initial Notification*. The permittee must submit the Initial Notification required by 40 CFR 63.9(b) for an existing source no later than 1 year after May 23, 2003.

(c) *Notification of Compliance Status.* The permittee must submit the Notification of Compliance Status required by 40 CFR 63.9(h) no later than 30 calendar days following the end of the initial compliance period described in 40 CFR 63.4940, 63.4950, or 63.4960. The Notification of Compliance Status must contain the information specified in paragraphs (c)(1) through (9) of 40 CFR 63.4910 and the applicable information specified in 40 CFR 63.9(h).

(1) Company name and address.

(2) Statement by a responsible official with that official's name, title, and signature, certifying the truth, accuracy, and completeness of the report. Such certifications must also comply with the requirements of 40 CFR 70.5(d) or 40 CFR 71.5(d).

(3) Date of the report and beginning and ending dates of the reporting period. The reporting period is the initial compliance period described in 40 CFR 63.4940, 63.4950, or 63.4960 that applies to the permittee's affected source.

(4) Identification of the compliance option or options specified in 40 CFR 63.4891 that the permittee used on each coating operation in the affected source during the initial compliance period and that will be used for demonstrating continuous compliance.

(5) Statement of whether or not the affected source achieved the emission limitations for the initial compliance period.

(6) If a deviation occurred, include the information in paragraphs (c)(6)(i) and (ii) of 40 CFR 63.4910.

(i) A description and statement of the cause of the deviation.

(ii) If the applicable emission limit in 40 CFR 63.4890 was not met, include all the calculations used to determine compliance. Information provided by material suppliers or manufacturers or test reports need not be submitted.

(7) For each of the data items listed in paragraphs (c)(7)(i) through (iv) of 40 CFR 63.4910 that is required by the compliance option(s) used to demonstrate compliance with the emission limit, include an example of how the value was determined, including calculations and supporting data. Supporting data can include a copy of the information provided by the supplier or manufacturer of the example coating or material or a summary of the results of testing conducted according to 40 CFR 63.4941(a), (b), or (c). Copies of any test reports need not be submitted.

(i) Mass fraction of organic HAP for one coating, for one thinner, and for one cleaning material.

(ii) Volume fraction of coating solids for one coating.

(iii) Density for one coating, one thinner, and one cleaning material, except that if the compliant material option is used, only the example coating density is required.

(iv) The amount of waste materials and the mass of organic HAP contained in the waste materials for which an allowance in Equation 1 of 40 CFR 63.4951 is claimed.

(8) The calculation of the organic HAP emission rate for the compliance option(s) used, as specified in paragraphs (c)(8)(i) through (iii) of 40 CFR 63.4910.
  (i) For the compliant materials option, provide an example calculation of the organic HAP content for one coating, using Equation 2 of 40 CFR 63.4941.
  (ii) For the emission rate without add-on controls option, provide the information specified in paragraphs (c)(8)(ii)(A) through (C) of 40 CFR 63.4910.
    (A) The calculation of the total mass of organic HAP emissions during the initial compliance period, using Equation 1 of 40 CFR 63.4951.
    (B) The calculation of the total volume of coating solids used during the initial compliance period, using Equation 2 of 40 CFR 63.4951.
    (C) The calculation of the organic HAP emission rate for the initial compliance period, using Equation 3 of 40 CFR 63.4951.
  (iii) For the emission rate with add-on controls option, provide the information specified in paragraphs (c)(8)(iii)(A) through (D) of 40 CFR 63.4910.
    (A) The calculation of the total mass of organic HAP emissions for the coatings, thinners, and cleaning materials used during the initial compliance period, using Equation 1 of 40 CFR 63.4951.
    (B) The calculation of the total volume of coating solids used during the initial compliance period, using Equation 2 of 40 CFR 63.4951.
    (C) The calculation of the mass of organic HAP emission reduction during the initial compliance period by emission capture systems and add-on control devices, using Equation 1 of 40 CFR 63.4961, and the calculation of the mass of organic HAP emission reduction for the coating operations controlled by solvent recovery systems during each compliance period, using Equation 3 of 40 CFR 63.4961 as applicable.
    (D) The calculation of the organic HAP emission rate for the initial compliance period, using Equation 4 of 40 CFR 63.4961.

(9) For the emission rate with add-on controls option, the permittee must include the information specified in paragraphs (c)(9)(i) through (v) of 40 CFR 63.4910. However, the requirements in paragraphs (c)(9)(i) through (iii) of 40 CFR 63.4910 do not apply to solvent recovery systems for which the permittee conduct liquid-liquid material balances according to 40 CFR 63.4961(j).
  (i) For each emission capture system, a summary of the data and copies of the calculations supporting the determination that the emission capture system is a permanent total enclosure (PTE) or a measurement of the emission capture system efficiency. Include a description of the protocol followed for measuring capture efficiency, summaries of any capture efficiency tests conducted, and any calculations supporting the capture efficiency determination. If the permittee use the data quality objective (DQO) or lower confidence limit (LCL) approach , the permittee shall also include the statistical calculations to show the permittee meet the DQO or LCL criteria in appendix A to subpart KK of this part. The permittee does not need to submit complete test reports.
  (ii) A summary of the results of each add-on control device performance test. Complete test reports need not be submitted.
  (iii) A list of each emission capture system's and add-on control device's operating limits and a summary of the data used to calculate those limits.
  (iv) A statement of whether or not the permittee developed and implemented the work practice plan required by 40 CFR 63.4893.(v) A statement of whether or not the permittee developed and implemented the SSMP required by 40 CFR 63.4900.

[40 CFR 63.4910]

B.19. Reports To Submit:

(a) Semiannual compliance reports. The permittee must submit semiannual compliance reports for each affected source according to the requirements of paragraphs (a)(1) through (7) of 40 CFR 63.4920. The semiannual compliance reporting requirements may be satisfied by reports required under other parts of the Clean Air Act (CAA), such as those detailed in paragraph (a)(2) of 40 CFR 63.4920.

(1) Dates - Unless the Administrator has approved a different schedule for submission of reports under 40 CFR 63.10(a), the permittee shall prepare and submit each semiannual compliance report according to the dates specified in paragraphs (a)(1)(i) through (iv) of 40 CFR 63.4920.

(i) The first semiannual compliance report must cover the first semiannual reporting period which begins the day after the end of the initial compliance period described in 40 CFR 63.4940 , 40 CFR 63.4950, or 40 CFR 63.4960 that applies to the affected source and ends on June 30 or December 31, whichever occurs first following the end of the initial compliance period.

(ii) Each subsequent semiannual compliance report must cover the subsequent semiannual reporting period from January 1 through June 30 or the semiannual reporting period from July 1 through December 31.

(iii) Each semiannual compliance report must be postmarked or delivered no later than July 31 or January 31, whichever date is the first date following the end of the semiannual reporting period.

(iv) For each affected source that is subject to permitting regulations pursuant to 40 CFR part 70 or 40 CFR part 71, and if the RER has established dates for submitting 6-month monitoring reports pursuant to 40 CFR 70.6(a)(3)(iii)(A) or 40 CFR 71.6(a)(3)(iii)(A), the permittee may submit the first and subsequent semiannual compliance reports according to the dates the RER has established for the 40 CFR part 70 or 40 CFR part 71 6-month monitoring reports instead of according to the dates specified in paragraph (a)(1)(iii) of 40 CFR 63.4920. However, under no circumstances shall the semiannual compliance report be submitted more than 30 days after the end of the semiannual reporting period established in paragraphs (a)(1)(i) and (ii) of 40 CFR 63.4920.

(2) Inclusion with title V report. Each affected source that has obtained a title V operating permit pursuant to 40 CFR part 70 or 40 CFR part 71 must report all deviations as defined in Subpart RRRR in the 6-month monitoring report required by 40 CFR 70.6(a)(3)(iii)(A) or 40 CFR 71.6(a)(3)(iii)(A). If an affected source submits a semiannual compliance report pursuant to 40 CFR 63.4920 along with, or as part of, the 6-month monitoring report required by 40 CFR 70.6(a)(3)(iii)(A) or 40 CFR 71.6(a)(3)(iii)(A), and the semiannual compliance report includes all information required by the part 70 or part 71 6-month monitoring report concerning deviations from the requirements of this subpart as defined in 40 CFR 63.4981, the submission of the semiannual compliance report shall be deemed to satisfy any obligation to report the same deviation information in the part 70 or part 71 6-month monitoring report. However, in such situations, the 6-month monitoring report must cross-reference the semiannual compliance report, and submission of a semiannual compliance report shall not otherwise affect any obligation the affected source may have to report deviations from permit requirements to the RER.

(3) General requirements. The semiannual compliance report must contain the information specified in paragraphs (a)(3)(i) through (v) of 40 CFR 63.4920, and the information specified in paragraphs (a)(4) through (7) and (c)(1) of 40 CFR 63.4920 that is applicable to the permittee's affected source.

(i) Company name and address.

(ii) Statement by a responsible official with that official's name, title, and signature, certifying the truth, accuracy, and completeness of the report. Such certifications must also comply with the requirements of 40 CFR 70.5(d) or 40 CFR 71.5(d).

(iii) Date of report and beginning and ending dates of the reporting period. The reporting period is the 6-month period ending on June 30 or December 31.
(iv) Identification of the compliance option or options specified in 40 CFR 63.4891 that the permittee used on each coating operation during the reporting period. If the permittee switched between compliance options during the reporting period, the permittee shall report the beginning and ending dates each option was used.
(v) If the permittee used the emission rate without add-on controls or the emission rate with add-on controls compliance option (40 CFR 63.4891(b) or (c)), the calculation results for each organic HAP emission rate for each compliance period ending in the 6-month reporting period.

(4) No deviations. If there were no deviations from the applicable emission limits, operating limits, and work practice standards in 40 CFR 63.4890, 63.4892, and 63.4893, respectively, the semiannual compliance report must include an affirmative statement that there were no deviations from the emission limitations, operating limits, or work practice standards in 40 CFR 63.4890, 63.4892, and 63.4893 during the reporting period. If there were no deviations from the emission limitations in 40 CFR 63.4890, the semiannual compliance report must include the affirmative statement that is described in either 40 CFR 63.4942(c), 40 CFR 63.4952(c), or 40 CFR 63.4962(f), as applicable.

(5) Deviations: compliant material option. If the compliant material option was used, and there was a deviation from the applicable emission limit in 40 CFR 63.4890, the semiannual compliance report must contain the information in paragraphs (a)(5)(i) through (iv) of 40 CFR 63.4920.
(i) Identification of each coating used that deviated from the emission limit, and of each thinner and cleaning material used that contained organic HAP, and the dates and time periods each was used.
(ii) The calculation of the organic HAP content for each coating identified in paragraph (a)(5)(i) of 40 CFR 63.4920, using Equation 2 of 40 CFR 63.4941. The permittee need not submit background data supporting this calculation, for example, information provided by materials suppliers or manufacturers, or test reports.
(iii) The determination of mass fraction of organic HAP for each coating, thinner, and cleaning material identified in paragraph (a)(5)(i) of 40 CFR 63.4920. The permittee need not submit background data supporting this calculation, for example, information provided by materials suppliers or manufacturers, or test reports.
(iv) A statement of the cause of each deviation.

(6) Deviations: emission rate without add-on controls option. If the emission rate without add-on controls option was used, and there was a deviation from any applicable emission limit in 40 CFR 63.4890, the semiannual compliance report must contain the information in paragraphs (a)(6)(i) through (v) of 40 CFR 63.4920. The permittee need not submit background data supporting these calculations, for example, information provided by materials suppliers or manufacturers, or test reports.
(i) The beginning and ending dates of each compliance period during which the organic HAP emission rate exceeded the applicable emission limit in 40 CFR 63.4890.
(ii) The calculation of the total mass of organic HAP emissions for each month, using Equations 1 of 40 CFR 63.4951.
(iii) The calculation of the total volume of coating solids used each month, using Equation 2 of 40 CFR 63.4951.
(iv) The calculation of the organic HAP emission rate for each month, using Equation 3 of 40 CFR 63.4951.
(v) A statement of the cause of each deviation.

(7) Reserved
[40 CFR 63.4920(a)]

B.20. Recordkeeping for Subpart RRRR: The permittee must collect and keep records of the data and information specified in 40 CFR 63.4930. Failure to collect and keep these records is a deviation from the applicable standard.

(a) A copy of each notification and report submitted to comply with Subpart RRRR, and the documentation supporting each notification and report.

(b) A current copy of information provided by materials suppliers or manufacturers. This would include information such as manufacturer's formulation data for the materials used, or test data used to determine the mass fraction of organic HAP and density for each coating, thinner, and cleaning material and the volume fraction of coating solids for each coating. If testing was conducted to determine mass fraction of organic HAP, density, or volume fraction of coating solids, the permittee shall keep a copy of the complete test report. If information provided by the manufacturer or supplier of the material that was based on testing is used, the permittee shall keep the summary sheet of results provided by the manufacturer or supplier. The permittee is not required to obtain the test report or other supporting documentation from the manufacturer or supplier.

(c) For each compliance period, the records specified in paragraphs (c)(1) through (4) of 40 CFR 63.4930.

(1) A record of the coating operations at which each compliance option was used and the time periods (beginning and ending dates and times) each option was used.

(2) For the compliant material option, a record of the calculation of the organic HAP content for each coating, using Equation 2 of 40 CFR 63.4941.

(3) For the emission rate without add-on controls option, a record of the calculation of the total mass of organic HAP emissions for the coatings, thinners, and cleaning materials used during each compliance period, using Equation 1 of 40 CFR 63.4951 and, if applicable, the calculation used to determine the total mass of organic HAP in waste materials sent or designated for shipment to a hazardous waste TSDF for treatment or disposal during each compliance period, according to 40 CFR 63.4951(e)(4); the calculation of the total volume of coating solids used during each compliance period, using Equation 2 of 40 CFR 63.4951; and the calculation of the organic HAP emission rate for each compliance period, using Equation 3 of 40 CFR 63.4951.

(3) Reserved

(d) A record of the name and volume of each coating, thinner, and cleaning material used during each compliance period.

(e) A record of the mass fraction of organic HAP for each coating, thinner, and cleaning material used during each compliance period.

(f) A record of the volume fraction of coating solids for each coating used during each compliance period.

(g) If a determination of density is required by the compliance option(s) used to demonstrate compliance with the emission limit, a record of the density for each coating used during each compliance period; and, if either the emission rate without add-on controls or the emission rate with add-on controls compliance option is used, the density for each thinner and cleaning material used during each compliance period.

(h) If an allowance is used in Equation 1 of 40 CFR 63.4951 for organic HAP contained in waste materials sent to or designated for shipment to a TSDF according to 40 CFR 63.4951(e)(4), the permittee shall keep records of the information specified in paragraphs (h)(1) through (3) of 40 CFR 63.4930.

(1) The name and address of each TSDF to which waste materials were sent for which an allowance was used in Equation 1 of 40 CFR 63.4951, a statement of which subparts under 40 CFR parts 262, 264, 265, and 266 apply to the facility, and the date of each shipment.
(2) Identification of the coating operations producing waste materials included in each shipment and the month or months in which the allowance was used for these materials in Equation 1 of 40 CFR 63.4951.
(3) The methodology used in accordance with 40 CFR 63.4951(e)(4) to determine the total amount of waste materials sent to or the amount collected, stored, and designated for transport to a TSDF each month; and the methodology to determine the mass of organic HAP contained in these waste materials. This must include the sources for all data used in the determination, methods used to generate the data, frequency of testing or monitoring, and supporting calculations and documentation, including the waste manifest for each shipment.

(i) Reserved
(j) The permittee must keep records of the date, time, and duration of each deviation.
(k) Reserved
[40 CFR 63.4930]

B.21. Format and Length of Recordkeeping:
(a) Records must be in a form suitable and readily available for expeditious review, according to 40 CFR 63.10(b)(1). Where appropriate, the records may be maintained as electronic spreadsheets or as a database.
(b) As specified in 40 CFR 63.10(b)(1), the permittee must keep each record for 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record.
(c) The permittee must keep each record on-site for at least 2 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record, according to 40 CFR 63.10(b)(1). The permittee may keep these records off-site for the remaining 3 years. The permitttee must keep records on-site pertaining to the design and manufacturer's specifications for operation of add-on control equipment for the life of the equipment.
[40 CFR 63.4931]

B.22. Supporting Documentation: Supporting documentation, such as Material Safety Data Sheets, purchase orders, etc., shall be kept, which includes sufficient information, to determine compliance. The log and documents shall be kept at the facility for at least 5 years and made available to the RER. Monthly logs shall be completed within 10 calendar days after completion of the preceding month.
[Rules 62-4.070(3) and 62-213.440(1)(b) 2b F.A.C.]

B.23. Compliance Option-Specific Conditions: In addition to the conditions listed above, based on the selected compliance option(s), the permittee must also comply with the applicable emissions limit option-specific conditions as follows:
(a) *Compliant materials option.* Specific Conditions B.24, B.25 and B.26.
(b) *Emission rate without add-on controls option.* Specific Conditions B.27, B.28 and B.29.
(c) *Emission rate with add-on controls option.* Specific Condition B.30.
[40 CFR 63 Subpart RRRR]

COMPLIANCE REQUIREMENTS FOR THE COMPLIANT MATERIALS OPTION

B.24. Date To Conduct Initial Compliance Demonstration: The permittee must complete the initial compliance demonstration for the initial compliance period according to the requirements in 40 CFR 63.4941. The initial compliance period begins on the applicable compliance date specified in 40 CFR 63.4883 (May 23, 2006) and ends on the last day of the first full month following the compliance date (June 30, 2006). The initial compliance demonstration includes the calculations according to 40 CFR 63.4941 and supporting documentation showing that, during the initial compliance period, no coating with an organic HAP content that exceeded the applicable emission limit in 40 CFR 63.4890 was used, and the permittee used no thinners or cleaning materials that contained organic HAP.
[40 CFR 63.4940]

B.25. Initial Compliance Demonstration: The permittee may use the compliant material option for any individual coating operation, for any group of coating operations in the affected source, or for all the coating operations in the affected source to demonstrate compliance with an organic HAP emission limit. The permittee must use either the emission rate without add-on controls option or the emission rate with add-on controls option for any coating operation in the affected source for which option the compliant material option is not used. To demonstrate initial compliance using the compliant material option, during the compliance period the coating operation or group of coating operations must use no coating with an organic HAP content that exceeds the applicable emission limit in 40 CFR 63.4890 and must use no thinner or cleaning material that contains organic HAP as determined according to this section. Any coating operation for which the compliant material option is used, is not required to comply with the operating limits or work practice standards required in 40 CFR 63.4892 and 63.4893, respectively. To demonstrate initial compliance with the emission limitations using the compliant material option, the permittee shall meet all the requirements of this condition for the coating operation or group of coating operations using this option. Use the procedures in this section for each coating, thinner, and cleaning material in the condition it is in when it is received from its manufacturer or supplier and prior to any alteration. The permittee does not need to redetermine the organic HAP content of cleaning materials that are reclaimed and reused onsite provided these materials in their condition as received were demonstrated to comply with the compliant material option.

(a) Determine the mass fraction of organic HAP for each material used. The permittee must determine the mass fraction of organic HAP for each coating, thinner, and cleaning material used during the compliance period by using one of the options in paragraphs (a)(1) through (5) of 40 CFR 63.4941.
   (1) Method 311 (appendix A to 40 CFR part 63). Method 311 may be used for determining the mass fraction of organic HAP. Use the procedures specified in paragraphs (a)(1)(i) and (ii) of 40 CFR 63.4941 when performing a Method 311 test.
      (i) Count each organic HAP that is measured to be present at 0.1 percent by mass or more for Occupational Safety and Health Administration (OSHA)-defined carcinogens as specified in 29 CFR 1910.1200(d)(4) and at 1.0 percent by mass or more for other organic HAP compounds. For example, if toluene (not an OSHA carcinogen) is measured to be 0.5 percent of the material by mass, it does not have to be counted. Express the mass fraction of each organic HAP counted as a value truncated to four places after the decimal point (for example, 0.3791).
      (ii) Calculate the total mass fraction of organic HAP in the test material by adding up the individual organic HAP mass fractions and truncating the result to three places after the decimal point (for example, 0.763).
   (2) Method 24 (appendix A to 40 CFR part 60). For coatings, Method 24 may be used to determine the mass fraction of nonaqueous volatile matter and use that value as a substitute for mass fraction of organic HAP.

(3) Alternative method. The permittee may use an alternative test method for determining the mass fraction of organic HAP once the Administrator has approved it. The permittee shall follow the procedure in 40 CFR 63.7(f) to submit an alternative test method for approval.

(4) Information from the supplier or manufacturer of the material. The permittee may rely on information other than that generated by the test methods specified in paragraphs (a)(1) through (3) of 40 CFR 63.4941, such as manufacturer's formulation data, if it represents each organic HAP that is present at 0.1 percent by mass or more for OSHA-defined carcinogens as specified in 29 CFR 1910.1200(d)(4) and at 1.0 percent by mass or more for other organic HAP compounds. For example, if toluene (not an OSHA carcinogen) is 0.5 percent of the material by mass, it does not have to be counted. If there is a disagreement between such information and results of a test conducted according to paragraphs (a)(1) through (3) of 40 CFR 63.4941, then the test method results will take precedence.

(5) Solvent blends. Solvent blends may be listed as single components for some materials in data provided by manufacturers or suppliers. Solvent blends may contain organic HAP which must be counted toward the total organic HAP mass fraction of the materials. When test data and manufacturer's data for solvent blends are not available, the permittee may use the default values for the mass fraction of organic HAP in these solvent blends listed in Table 3 or 4 to 40 CFR 63 Subpart RRRR. If the tables are used, the permittee shall use the values in Table 3 for all solvent blends that match Table 3 entries, and use Table 4 only if the solvent blends in the materials used do not match any of the solvent blends in Table 3, and you only know whether the blend is aliphatic or aromatic. However, if the results of a Method 311 test indicate higher values than those listed on Table 3 or 4 of this subpart, the Method 311 results will take precedence.

(b) Determine the volume fraction of coating solids for each coating. The permittee must determine the volume fraction of coating solids (liters of coating solids per liter of coating) for each coating used during the compliance period by a test or by information provided by the supplier or the manufacturer of the material, as specified in paragraphs (b)(1), (2), and (3) of 40 CFR 63.4941. If test results obtained according to paragraph (b)(1) of 40 CFR 63.4941do not agree with the information obtained under paragraph (b)(2) or (3) of 40 CFR 63.4941, the test results will take precedence.

(1) Test results. The permittee may use ASTM Method D2697-86 (Reapproved 1998), ``Standard Test Method for Volume Nonvolatile Matter in Clear or Pigmented Coatings" (incorporated by reference, see 40 CFR 63.14), or D6093-97, ``Standard Test Method for Percent Volume Nonvolatile Matter in Clear or Pigmented Coatings Using a Helium Gas Pycnometer" (incorporated by reference, see 40 CFR 63.14), to determine the volume fraction of coating solids for each coating. Divide the nonvolatile volume percent obtained with the methods by 100 to calculate volume fraction of coating solids. Alternatively, another test method may be used once approval is obtained from the Administrator according to the requirements of 40 CFR 63.7(f).

(2) Information from the supplier or manufacturer of the material. The permittee may obtain the volume fraction of coating solids for each coating from the supplier or manufacturer.

(3) Calculation of volume fraction of coating solids. If the volume fraction of coating solids cannot be determined using the options in paragraphs (b)(1) and (2) of 40 CFR 63.4941, the permittee shall determine it using Equation 1 of this condition:

$$V_s = 1 - \frac{M_{volatiles}}{D_{avg}} \qquad \text{(Eq. 1)}$$

Where:
V_s = Volume fraction of coating solids, liters coating solids per liter coating.

$M_{volatiles}$ = Total volatile matter content of the coating, including HAP, volatile organic compounds (VOC), water, and exempt compounds, determined according to Method 24 in appendix A of 40 CFR part 60, grams volatile matter per liter coating.
D_{avg} = Average density of volatile matter in the coating, grams volatile matter per liter volatile matter, determined from test results using ASTM Method D1475-90, information from the supplier or manufacturer of the material, or reference sources providing density or specific gravity data for pure materials. If there is disagreement between ASTM Method D1475-90 test results and other information sources, the test results will take precedence.

(c) Determine the density of each coating. The permittee must determine the density of each coating used during the compliance period from test results using ASTM Method D1475-90 or information from the supplier or manufacturer of the material. If there is disagreement between ASTM Method D1475-90 test results and the supplier's or manufacturer's information, the test results will take precedence.
(d) Calculate the organic HAP content of each coating. Calculate the organic HAP content, kg organic HAP per liter coating solids, of each coating used during the compliance period, using Equation 2 of 40 CFR 63.4941, except that if the mass fraction of organic HAP in the coating equals zero, then the organic HAP content also equals zero and Equation 2 is not required to calculate the organic HAP content.

$$H_c = \frac{(D_c)(W_c)}{V_s} \qquad \text{(Eq. 2)}$$

Where:
H_c = Organic HAP content of the coating, kg organic HAP per liter coating solids.
Dc = Density of coating, kg coating per liter coating, determined according to paragraph (c) of 40 CFR 63.4941.
W_c = Mass fraction of organic HAP in the coating, kg organic HAP per kg coating, determined according to paragraph (a) of 40 CFR 63.4941.
V_s = Volume fraction of coating solids, liter coating solids per liter coating, determined according to paragraph (b) of 40 CFR 63.4941.
(e) Compliance demonstration. The calculated organic HAP content for each coating used during the initial compliance period must be less than or equal to the applicable emission limit in 40 CFR 63.4890 and each thinner and cleaning material used during the initial compliance period must contain no organic HAP, determined according to paragraph (a) of 40 CFR 63.4941. The permittee must keep all records required by 40 CFR 63.4930 and 63.4931. As part of the Notification of Compliance Status required in 40 CFR 63.4910(c) and the semiannual compliance reports required in 40 CFR 63.4920, the permittee shall identify each coating operation and group of coating operations for which the compliant material option was used. If there were no deviations from the emission limit, include a statement that each was in compliance with the emission limitations during the initial compliance period because it used no coatings for which the organic HAP content exceeded the applicable emission limit in 40 CFR 63.4890, and it used no thinners or cleaning materials that contained organic HAP.
[40 CFR 63.4941]

B.26. <u>Demonstrating Continuous Compliance with the Emissions Limitations</u>:
(a) Following the initial compliance period, the permittee shall complete a compliance demonstration according to the requirements in 40 CFR 63.4941(e) for each subsequent compliance period. Each month following the initial compliance period described in 40 CFR 63.4940 is a compliance period.
(b) If the permittee chooses to comply with the emission limitations by using the compliant material option, the use of any coating, thinner, or cleaning material that does not meet the criteria specified in

paragraph (a) of 40 CFR 63.4942 is a deviation from the emission limitations that must be reported as specified in 40 CFR 63.4910(c)(6) and 63.4920(a)(5).

(c) As part of each semiannual compliance report required by 40 CFR 63.4920, the permittee shall identify the coating operation or group of coating operations for which the compliant material option was used. If there were no deviations from the emission limits in 40 CFR 63.4890, submit an affirmative statement that the coating operation or group of coating operations was in compliance with the emission limitations during the reporting period because no coating was used for which the organic HAP content exceeded the applicable emission limit in 40 CFR 63.4890, and no thinner or cleaning material was used that contained organic HAP.

(d) The permittee must maintain records as specified in 40 CFR 63.4930 and 63.4931.

[40 CFR 63.4942]

COMPLIANCE REQUIREMENTS FOR THE EMISSION RATE WITHOUT ADD-ON CONTROLS OPTION

B.27. Date to Conduct Initial Compliance Demonstration:
The permittee must complete the initial compliance demonstration for the initial compliance period according to the requirements of 40 CFR 63.4951. The initial compliance period begins on the applicable compliance date specified in 40 CFR 63.4883 (May 23, 2006) and ends on the last day of the first full month following the compliance date (June 30, 2006). The initial compliance demonstration includes the calculations showing that the organic HAP emission rate for the initial compliance period was equal to or less than the applicable emission limit in 40 CFR 63.4890.
[40 CFR 63.4950]

B.28. Initial Compliance Demonstration: The permittee may use the emission rate without add-on controls option for any individual coating operation, for any group of coating operations in the affected source, or for all the coating operations in the affected source to demonstrate compliance with an organic HAP emission limit. The permittee must use either the compliant material option or the emission rate with add-on controls option for any coating operation in the affected source for which this option is not used. To demonstrate initial compliance using the emission rate without add-on controls option, the coating operation or group of coating operations must comply with the applicable emission limit in 40 CFR 63.4890, but is not required to meet the operating limits or work practice standards in 40 CFR 63.4892 and 63.4893, respectively. The permittee must meet all the requirements of this condition to demonstrate initial compliance with the applicable emission limit in 40 CFR 63.4890 for the coating operation or group of coating operations. When calculating the organic HAP emission rate according to this section, do not include any coatings, thinners, or cleaning materials used on coating operations for which the compliant material option or the emission rate with add-on controls option is used. The permittee need not include organic HAP in coatings, thinners, or cleaning materials that have been reclaimed onsite and reused in the coating operation for which the emission rate without add-on controls option is used.

(a) Determine the mass fraction of organic HAP for each material. The permittee must determine the mass fraction of organic HAP for each coating, thinner, and cleaning material used during the compliance period according to the requirements in 40 CFR 63.4941(a).

(b) Determine the volume fraction of coating solids for each coating. The permittee must determine the volume fraction of coating solids for each coating used during the compliance period according to the requirements in 40 CFR 63.4941(b).

(c) Determine the density of each material. The permittee must determine the density of each coating, thinner, and cleaning material used during the compliance period according to the requirements in 40 CFR 63.4941(c) from test results using ASTM Method D1475-90, information from the supplier or manufacturer of the material, or reference sources providing density or specific gravity data for pure

materials. If there is disagreement between ASTM Method D1475-90 test results and such other information sources, the test results will take precedence.

(d) Determine the volume of each material used. The permittee must determine the volume (liters) of each coating, thinner, and cleaning material used during the compliance period by measurement or usage records.

(e) Calculate the mass of organic HAP emissions. The mass of organic HAP emissions is the combined mass of organic HAP contained in all coatings, thinners, and cleaning materials used during the compliance period minus the organic HAP in certain waste materials. Use Equation 1 of 40 CFR 63.4951 to calculate the mass of organic HAP emissions:

$$H_e = A + B + C - R_w \qquad \text{(Eq. 1)}$$

Where:
H_e = Total mass of organic HAP emissions during the compliance period, kg.
A = Total mass of organic HAP in the coatings used during the compliance period, kg, as calculated in Equation 1A of 40 CFR 63.4951.
B = Total mass of organic HAP in the thinners used during the compliance period, kg, as calculated in Equation 1B of 40 CFR 63.4951.
C = Total mass of organic HAP in the cleaning materials used during the compliance period, kg, as calculated in Equation 1C of 40 CFR 63.4951.
R_w = Total mass of organic HAP in waste materials sent or designated for shipment to a hazardous waste TSDF for treatment or disposal during the compliance period, kg, determined according to paragraph (e)(4) of this condition. The mass of any waste material reused during the same compliance period may not be included in Rw. (A value of zero may be assigned to Rw if this allowance is not used.)

(1) Calculate the mass of organic HAP in the coatings used during the compliance period, using Equation 1A of 40 CFR 63.4951:

$$A = \sum_{i=1}^{m} (Vol_{c,i})(D_{c,i})(W_{c,i}) \qquad \text{(Eq. 1A)}$$

Where:
A = Total mass of organic HAP in the coatings used during the compliance period, kg.
$Vol_{c,i}$ = Total volume of coating, i, used during the compliance period, liters.
$D_{c,i}$ = Density of coating, i, kg coating per liter coating.
$W_{c,i}$ = Mass fraction of organic HAP in coating, i, kg organic HAP per kg coating.
m = Number of different coatings used during the compliance period.

(2) Calculate the mass of organic HAP in the thinners used during the compliance period, using Equation 1B of this condition:

$$B = \sum_{j=1}^{n} (Vol_{t,j})(D_{t,j})(W_{t,j}) \qquad \text{(Eq. 1B)}$$

Where:
B = Total mass of organic HAP in the thinners used during the compliance period, kg.
$Vol_{t,j}$ = Total volume of thinner, j, used during the compliance period, liters.
$D_{t,j}$ = Density of thinner, j, kg per liter.

$W_{t,j}$ = Mass fraction of organic HAP in thinner, j, kg organic HAP per kg thinner.
n = Number of different thinners used during the compliance period.

(3) Calculate the mass of organic HAP in the cleaning materials used during the compliance period using Equation 1C of 40 CFR 63.4951:

$$C = \sum_{k=1}^{p} (Vol_{s,k})(D_{s,k})(W_{s,k}) \quad \text{(Eq. 1C)}$$

Where:
C = Total mass of organic HAP in the cleaning materials used during the compliance period, kg.
$Vol_{s,k}$ = Total volume of cleaning material, k, used during the compliance period, liters.
$D_{s,k}$ = Density of cleaning material, k, kg per liter.
$W_{s,k}$ = Mass fraction of organic HAP in cleaning material, k, kg organic HAP per kg material.
p = Number of different cleaning materials used during the compliance period.

(4) If the permittee chooses to account for the mass of organic HAP contained in waste materials sent or designated for shipment to a hazardous waste TSDF in the calculation of the total mass of organic HAP emissions during the compliance period in Equation 1 of 40 CFR 63.4951, then the permittee must determine the total mass of organic HAP in waste materials sent or designated for shipment to a hazardous waste TSDF for treatment or disposal during each compliance period, according to paragraphs (e)(4)(i) through (iv) of 40 CFR 63.4951.
   (i) The permittee may include in the determination of the total mass of organic HAP in waste materials sent or designated for shipment to a hazardous waste TSDF for treatment or disposal during each compliance period only waste materials that are generated by coating operations for which Equation 1 of 40 CFR 63.4951and that will be treated or disposed of by a facility regulated as a TSDF under 40 CFR part 262, 264, 265, or 266. The TSDF may be either off-site or on-site. The permittee may not include in the determination of the total mass of organic HAP in waste materials sent or designated for shipment to a hazardous waste TSDF for treatment or disposal during each compliance period only waste materials that are generated by coating operations the organic HAP contained in wastewater, nor the organic HAP contained in any waste material reused during the same compliance period.
   (ii) The permittee must determine either the amount of the waste materials sent to a TSDF during the compliance period or the amount collected and stored during the compliance period and designated for future transport to a TSDF. Do not include in the determination of the total mass of organic HAP in waste materials sent or designated for shipment to a hazardous waste TSDF for treatment or disposal during each compliance period only waste materials that are generated by coating operations any waste materials sent to a TSDF during a compliance period if these have already been included in the amount collected and stored during that or a previous compliance period.
   (iii) Determine the total mass of organic HAP contained in the waste materials specified in paragraph (e)(4)(ii) of 40 CFR 63.4951.
   (iv) The permittee must document the methodology used to determine the amount of waste materials and the total mass of organic HAP they contain, as required in 40 CFR 63.4930(h). To the extent that waste manifests include this information, they may be used as part of the documentation of the amount of waste materials and mass of organic HAP contained in them.

(f) Calculate the total volume of coating solids used. Calculate the total volume of coating solids used, which is the combined volume of coating solids for all the coatings used during the compliance period, using Equation 2 of 40 CFR 63.4951:

$$V_{st} = \sum_{i=1}^{m} (Vol_{c,i})(V_{s,i}) \qquad \text{(Eq. 2)}$$

Where:
V_{st} = Total volume of coating solids used during the compliance period, liters.
$Vol_{c,i}$ = Total volume of coating, i, used during the compliance period, liters.
$V_{s,i}$ = Volume fraction of coating solids for coating, i, liter solids per liter coating, determined according to 40 CFR 63.4941(b).
m = Number of coatings used during the compliance period.

(g) Calculate the organic HAP emission rate. Calculate the organic HAP emission rate for the compliance period, kg organic HAP per liter coating solids used, using Equation 3 of 40 CFR 63.4951:

$$H_{avg} = \frac{H_e}{V_{st}} \qquad \text{(Eq. 3)}$$

Where:
H_{avg} = Organic HAP emission rate for the compliance period, kg organic HAP per liter coating solids.
H_e = Total mass of organic HAP emissions from all materials used during the compliance period, kg, as calculated by Equation 1 of 40 CFR 63.4951.
V_{st} = Total volume of coating solids used during the compliance period, liters, as calculated by Equation 2 of 40 CFR 63.4951.

(h) Compliance demonstration. The calculated organic HAP emission rate for the initial compliance period must be less than or equal to the applicable emission limit in 40 CFR 63.4890. The permittee must keep all records as required by 40 CFR 63.4930 and 63.4931. As part of the Notification of Compliance Status required by 40 CFR 63.4910 and the semiannual compliance reports required in 40 CFR 63.4920, the permittee shall identify the coating operation or group of coating operations for which the emission rate without add-on controls option was used. If there were no deviations from the emission limit, include a statement that the coating operation or group of coating operations was in compliance with the emission limitations during the initial compliance period because the organic HAP emission rate was less than or equal to the applicable emission limit in 40 CFR 63.4890, determined according to 40 CFR 63.4951.

[40 CFR 63.4951]

B.29. Demonstrating Continuous Compliance with the Emissions Limitations:

(a) Following the initial compliance period, the permittee must complete a compliance demonstration according to the requirements in 40 CFR 63.4951(h) for each subsequent compliance period. Each month following the initial compliance period described in 40 CFR 63.4950 is a compliance period.

(b) If the organic HAP emission rate for any compliance period exceeded the applicable emission limit in 40 CFR 63.4890, this is a deviation from the emission limitations for that compliance period and must be reported as specified in 40 CFR 63.4910(c)(6) and 63.4920(a)(6).

(c) As part of each semiannual compliance report required by 40 CFR 63.4920, the permittee must identify the coating operation or group of coating operations for which the emission rate without add-on controls option was used. If there were no deviations from the emission limitations, the permittee must submit an affirmative statement that the coating operation or group of coating operations was in compliance with the emission limitations during the reporting period because the organic HAP emission rate for each compliance period was less than or equal to the applicable emission limit in 40 CFR 63.4890.

(d) The permittee must maintain records as specified in 40 CFR 63.4930 and 63.4931.

[40 CFR 63.4952]

COMPLIANCE REQUIREMENTS FOR THE EMISSION RATE WITH ADD-ON CONTROLS OPTION

B.30. Date to Conduct Performance Tests and Initial Compliance Demonstrations:

(a) Reserved

(b) The permittee must meet the requirements of paragraphs (b)(1) through (3) of this condition.

(1) All emission capture systems, add-on control devices, and CPMS must be installed and operating no later than May 23, 2006, the applicable compliance date specified in 40 CFR 63.4883. Except for solvent recovery systems for which liquid-liquid material balances may be conducted according to 40 CFR 63.4961(j), the permittee must conduct a performance test of each capture system and add-on control device according to the procedures in Sec. 40 CFR 63.4963, 63.4964, and 63.4965, and establish the operating limits required by 40 CFR 63.4892, no later than May 23, 2006, the compliance date specified in 40 CFR 63.4883. For a solvent recovery system for which liquid-liquid material balances are conducted according to 40 CFR 63.4961(j), the permittee must initiate the first material balance no later than May 23, 2006, the compliance date specified in 40 CFR 63.4883.

(2) The permittee must develop and begin implementing the work practice plan required by 40 CFR 63.4893 no later than May 23, 2006, the compliance date specified in 40 CFR 63.4883.

(3) The permittee must complete the initial compliance demonstration for the initial compliance period according to the requirements of 40 CFR 63.4961. The initial compliance period begins on the applicable compliance date specified in 40 CFR 63.4883 and ends on the last day of the first full month following the compliance date. The initial compliance demonstration includes the results of emission capture system and add-on control device performance tests conducted according to Sec. 40 CFR 63.4963, 63.4964, and 63.4965; results of liquid-liquid material balances conducted according to 40 CFR 63.4961(j); calculations showing whether the organic HAP emission rate for the initial compliance period was equal to or less than the emission limit in 40 CFR 63.4890(c); the operating limits established during the performance tests and the results of the continuous parameter monitoring required by 40 CFR 63.4967; and documentation of whether the work practice plan required by 40 CFR 63.4893 was developed and implemented.

[40 CFR 62.4960(a)(1)-(3)]

B.31. Additional Compliance Requirements:

When add-on controls are used for any coating operation, for any group of coating operations, or for all of the coating operations in the affected source, the permittee must meet all the requirements of 40 CFR 63 Subpart RRRR including 63.4960 through 63.4967 to demonstrate compliance with the emission limits, operating limits, performance tests, and work practice standards using this option.

[40 CFR 63.4891(c)]

SECTION IV. APPENDICES

The Following Appendices are Enforceable Parts of this Permit:

Appendix A, Glossary.
Appendix TV, Title V General Conditions.
Appendix I, List of Insignificant Emissions Units and/or Activities.
Appendix U, List of Unregulated Emissions Units and/or Activities.
Appendix RR, Facility-Wide Reporting Requirements.
Appendix TR, Facility-Wide Testing Requirements.
Appendix NESHAP, Subpart A – General Provisions.
Appendix NESHAP, Subpart WWWW – National Emissions Standards for Hazardous Air Pollutants for Reinforced Plastic Composites Production.
Appendix NESHAP, Subpart RRRR – National Emissions Standards for Hazardous Air Pollutants for Surface Coating of Metal Furniture.

REFERENCED ATTACHMENTS.

The Following Attachments Are Included for Applicant Convenience:

Table H, Permit History
Statement of Basis