Commonwealth of Kentucky
Energy and Environment Cabinet
Department for Environmental Protection
Division for Air Quality
300 Sower Boulevard, 2nd Floor
Frankfort, Kentucky 40601
(502) 564-3999

Draft

AIR QUALITY PERMIT

Issued under 401 KAR 52:020

Permittee Name:	**Sun Pools Inc.**
Mailing Address:	**130 Holiday Ln, Albany, KY 42602**
Source Name:	**Sun Pools Inc.**
Mailing Address:	**130 Holiday Ln, Albany, KY 42602**
Source Location:	**Same as above**
Permit ID:	**V-23-029**
Agency Interest #:	**84569**
Activity ID:	**APE20230001**
Review Type:	**Title V, Operating**
Source ID:	**21-053-00022**
Regional Office:	**London Regional Office 875 S. Main Street London, KY 40741 (606) 330-2080**
County:	**Clinton**
Application Complete Date:	**September 5, 2023**
Issuance Date:	
Expiration Date:	

For Michael J. Kennedy, P.E.
Director
Division for Air Quality

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Permit	Permit Type	Activity#	Complete Date	Issuance Date	Summary of Action
V-23-029	**Renewal**	**APE20230001**	**9/5/2023**		**Renewal Permit**

SECTION A - PERMIT AUTHORIZATION

Pursuant to a duly submitted application the Kentucky Energy and Environment Cabinet (Cabinet) hereby authorizes the operation of the equipment described herein in accordance with the terms and conditions of this permit. This permit was issued under the provisions of Kentucky Revised Statutes (KRS) Chapter 224 and regulations promulgated pursuant thereto.

The permittee shall not construct, reconstruct, or modify any affected facilities without first submitting a complete application and receiving a permit for the planned activity from the permitting authority, except as provided in this permit or in 401 KAR 52:020, Title V Permits.

Issuance of this permit does not relieve the permittee from the responsibility of obtaining any other permits, licenses, or approvals required by the Cabinet or any other federal, state, or local agency.

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS

Emission Unit 01 Open Molding Operations - Fiberglass Product Manufacturing

Description:

Gel coat and lamination process for fiberglass products
Construction Commenced: June 2007
Control: dry filter for particulate emissions

Ten Spray Areas, EF-1 through EF-10
Atomized Gel Coat Application and Mechanical Non-atomized Resin Application
Each spray area includes two Fluid Impingement Technology (FIT) atomized gel coat guns, two flow coat chopper guns, and associated equipment.

APPLICABLE REGULATIONS:
401 KAR 59:010, *New process operations*

401 KAR 63:002 Section 2(4)(bbbb) 40 C.F.R. 63.5780 to 63.5935, Tables 1 to 15, and Appendix A (Subpart WWWW), *National Emissions Standards for Hazardous Air Pollutants: Reinforced Plastic Composites Production*

1. **Operating Limitations:**
   40 CFR 63, Subpart WWWW
   a. The permittee shall meet the work practice standards in Table 4 for the resin storage, equipment cleaning and mixing operations. The specific requirements applicable to this source shall be as follows [40 CFR 63.5805(c)]:
      (1) For the cleaning operations, the permittee shall not use cleaning solvents that contain HAP, except that styrene may be used as a cleaner in closed systems, and organic HAP containing cleaners may be used to clean cured resin from application equipment. Application equipment includes any equipment that directly contacts resin. [40 CFR 63, Subpart WWWW, Table 4(2)]
      (2) For the HAP-containing materials storage operations, the permittee shall keep containers that store HAP-containing materials closed or covered except during the addition or removal of materials. Bulk HAP-containing materials storage tanks may be vented as necessary for safety. [40 CFR 63, Subpart WWWW, Table 4(3)]
      (3) For the mixing operation, the permittee shall use mixer covers with no visible gaps present in the mixer covers, except that gaps of up to 1 inch are permissible around mixer shafts and any required instrumentation. The permittee shall close any mixer vents when actual mixing is occurring, except that venting may be allowed during addition of materials, or as necessary prior to adding materials or opening the cover for safety. The permittee shall keep the mixer covers closed while actual mixing is occurring except when adding materials or changing covers to the mixing vessels. Containers of 5 gallons or less may be open when active mixing is taking place, or during periods when they are in process (i.e., they are actively being used to apply resin.) [40 CFR 63, Subpart WWWW, Table 4(6), (7), (8), & Footnote 1]

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

b. The permittee shall 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) [40 CFR 63.5835(c)].

Compliance Demonstration Method:

(1) The permittee must be in compliance at all times with the work practice standards in Table 4 to 40 CFR 63, Subpart WWWW, as well as the organic HAP emissions limits in Table 3, as applicable. [40 CFR 63.5835(a); 40 CFR 63.5900(c)]

(2) Compliance with the work practice standards in Table 4 to 40 CFR 63, Subpart WWWW is demonstrated by performing the work practice required for each operation. [40 CFR 63.5900(a)(4)]

2. Emission Limitations:

401 KAR 59:010

a. No person shall cause, suffer, allow, or permit any continuous emission into the open air from a control device or stack associated with any affected facility which is equal to or greater than twenty (20) percent opacity [401 KAR 59:010, Section 3(1)].

Compliance Demonstration Method:

See **4. Specific Monitoring Requirements** for opacity compliance demonstration.

b. No person shall cause, suffer, allow or permit the emission into the open air of particulate matter from any affected facility which is in excess of 2.34 lb/hr. [401 KAR 59:010, Section 3(2)]

Compliance Demonstration Method:

The source is assumed to be in compliance when the dry particulate replaceable filters are in place and properly maintained. Refer to Subsection **7. Specific Control Equipment Operating Conditions**.

40 CFR 63, Subpart WWWW

c. The permittee shall comply with the organic HAP emission limits in Table 3 to 40 CFR 63, Subpart WWWW. The specific emission limits for the affected facilities are as follows [40 CFR 63.5805(c)]:

Operation Type	Organic HAP Emission Limit
Open Molding – white/off white pigmented gel coat	267 lb/ton
Open Molding – all other pigmented gel coat	377 lb/ton
Open Molding – clear production gel coat	522 lb/ton
Open Molding – tooling gel coat	440 lb/ton
Open Molding – corrosion resistant and/or high strength (CR/HS), mechanical resin application	113 lb/ton

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

Operation Type	Organic HAP Emission Limit
Open Molding – CR/HS, manual resin application	123 lb/ton
Open Molding – tooling, mechanical resin application	254 lb/ton
Open Molding – manual resin application	157 lb/ton

Compliance Demonstration Method:

(1) The permittee shall use the following equations specified in Table 1 to 40 CFR 63, Subpart WWWW to calculate the emissions factors. The use of these equations will demonstrate compliance without the need to conduct a HAP emissions test [40 CFR 63.5796]:

Open Molding Operation Type. . .	Organic HAP Emissions Factor (EF) Equation for materials with less than 33 percent organic HAP. . .	Organic HAP Emissions Factor (EF) Equation for materials with 33 percent or more organic HAP. . .
Manual application with nonvapor-suppressed resin	EF = 0.126 x %HAP x 2000	EF = ((0.286 x %HAP) - 0.0529) x 2000
Nonatomized mechanical application with nonvapor-suppressed resin	EF = 0.107 x %HAP x 2000	EF = ((0.157 x %HAP) - 0.0165) x 2000
Atomized spray application with nonvapor-suppressed gel coat	EF = 0.445 x %HAP x 2000	EF = ((1.03646 x %HAP) - 0.195) x 2000

(2) 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 40 CFR 63.5797(a) through (c), as applicable. [40 CFR 63.5797]

i. The permittee shall include 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. [40 CFR 63.5797(a)]

ii. If the organic HAP content is provided by the material supplier or manufacturer as a range, the permittee shall 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. [40 CFR 63.5797(b)]

iii. 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

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

permittee 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(c)]

(3) The permittee shall use one of the following methods in 40 CFR 63.5810(a) through (d) to meet the standards for open molding or centrifugal casting operations in Table 3 or 5 to 40 CFR 63, 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 40 CFR 63, 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 40 CFR 63.5810(a) through (d). When changing to an option based on a 12-month rolling average, the permittee shall base the average on the previous 12 months of data calculated using the compliance option they are changing to, unless they were previously using an option that did not require maintaining records of resin and gel coat use. In this case, the permittee shall immediately begin collecting resin and gel coat use data and demonstrate compliance 12 months after changing options. [40 CFR 63.5810].

i. The permittee shall demonstrate that an individual resin or gel coat, as applied, meets the applicable emission limit in Table 3 or 5 to 40 CFR 63, Subpart WWWW. [40 CFR 63.5810(a)].

A. The permittee shall calculate the 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 may calculate organic HAP emissions factors for each different process stream by using the appropriate equations specified in Table 1 to 40 CFR 63, Subpart WWWW [40 CFR 63.5810(a)(1)].

B. If the calculated emission factor is less than or equal to the appropriate emission limit, the permittee has demonstrated that the process stream complies with the corresponding emission limit in Table 3 to 40 CFR 63, Subpart WWWW. It is not necessary that all the process streams, considered individually, demonstrate compliance to use this option for some process streams. However, for any individual resin that is used, if any of the process streams that include that resin are to be used in any averaging calculations described below, then all process streams using that individual resin must be included in the averaging calculations [40 CFR 63.5810(a)(2)].

ii. The permittee shall demonstrate that on average, the individual organic HAP emissions limits for each unique combination of operation type and resin application method or gel coat type specified in Table 3 to 40 CFR 63, Subpart WWWW, are met [40 CFR 63.5810(b)].

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

A. The permittee may group the process streams as described in 40 CFR 63.5810(a) by operation type and resin application method or gel coat type listed in Table 3 to 40 CFR 63, 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, the permittee shall sum the product of each individual organic HAP emissions factor calculated in 40 CFR 63.5810(a)(1) 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 [40 CFR 63.5810(b)(1)(i)]:

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

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 the permittee calculated an organic HAP emissions factor.
The permittee may, but is not required to, include process streams where the permittee has demonstrated compliance as described in 40 CFR 63.5810(a), subject to the limitations described in 40 CFR 63.5810(a)(2) [40 CFR 63.5810(b)(1)(ii)].

B. Compare each organic HAP emissions factor calculated in 40 CFR 63.5810(b)(1) with its corresponding organic HAP emissions limit specified in Table 3 or 5 to 40 CFR 63, Subpart WWWW. If all emissions factors are equal to or less than their corresponding emission limits, then the permittee is in compliance [40 CFR 63.5810(b)(2)].

iii. The permittee shall demonstrate compliance with a weighted average emission limit. The permittee shall demonstrate each month that the permittee meets each weighted average of the organic HAP emissions limits. When using this option, the permittee shall demonstrate compliance with the weighted average organic HAP emissions limit for all the open molding operations [40 CFR 63.5810(c)].

A. The permittee shall calculate the weighted average organic HAP emissions limit for all open molding operations on a monthly basis for the last 12-month period to determine the organic HAP emissions limit that must be met. To do this, multiply the individual organic HAP emissions limits in Table 3 or 5 to 40 CFR 63, Subpart WWWW for each open molding operation type by the amount of neat resin plus or neat gel coat plus used in the last 12 months for each open molding 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 over the

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

last 12 months as shown in Equation 3 of 40 CFR 63.5810 [40 CFR 63.5810(c)(1)]:

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

Where:

EL_i=organic HAP emissions limit for operation type i, lbs/ton from Tables 3 or 5 to 40 CFR 63, 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.

B. The permittee shall calculate the weighted average organic HAP emissions factor for open molding each month. To do this, multiply the actual open molding operation organic HAP emissions factors calculated in 40 CFR 63.5810(b)(1) and the amount of neat resin plus and neat gel coat plus used in each open molding 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 operations as shown in Equation 4 of 40 CFR 63.5810 [40 CFR 63.5810(c)(2)]:

$$\text{Actual Weighted Average organic HAP Emissions Factor} = \frac{\sum_{i=1}^{n}(\text{Actual Operation EF}_i * \text{Material}_i)}{\sum_{i=1}^{n}\text{Material}_i} \qquad \text{(Eq. 4)}$$

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.

C. The permittee shall compare the values calculated in 40 CFR 63.5810(c)(1) and (2). 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 [40 CFR 63.5810(c)(3)].

(4) The permittee will demonstrate compliance with the organic HAP emissions limits by maintaining an organic HAP emissions factor value less than or equal to the appropriate organic HAP emissions limit specified in Table 3 or 5 to 40 CFR 63, Subpart WWWW, on a 12-month rolling average, and/or by including in each compliance report a

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

statement that individual resins and gel coats, as applied, meet the appropriate organic HAP emissions limits as discussed in 40 CFR 63.5895(d) [40 CFR 63.5900(a)(2)].

Source-wide VOC Emission Limit

d. See Section D for source-wide VOC emission limitations.

3. Testing Requirements:

Testing shall be conducted at such times as may be requested by the Cabinet [401 KAR 50:045, Section 1].

4. Specific Monitoring Requirements:

401 KAR 59:010

a. The permittee shall perform a qualitative visual observation of the opacity of emissions at each stack no less than weekly while the affected facility is operating. If visible emissions from the stacks are observed (not including condensed water in the plume), the permittee shall determine the opacity using U.S. EPA Reference Method 9. In lieu of determining the opacity using U.S. EPA Reference Method 9, the permittee shall immediately perform a corrective action which results in no visible emissions (not including condensed water in the plume) [401 KAR 52:020, Section 10].

40 CFR 63, Subpart WWWW

b. The permittee shall monitor and collect data as specified in 40 CFR 63.5895(b)(1) through (4) [40 CFR 63.5895(b)]:
   (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 shall conduct all monitoring in continuous operation (or collect data at all required intervals) at all times that the affected source is operating. [40 CFR 63.5895(b)(1)]
   (2) The permittee shall not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities, including data averages and calculations, or fulfilling a minimum data availability requirement, if applicable. [40 CFR 63.5895(b)(2)]
   (3) At all times, the permittee shall maintain necessary parts for routine repairs of the monitoring equipment. [40 CFR 63.5895(b)(3)]
   (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. [40 CFR 63.5895(b)(4)]

Source-wide VOC Emission Limit

a. The permittee shall monitor the monthly usage in pounds of the following materials (only those materials which contain VOC) for the purpose of determining monthly VOC emissions: Gel coats, resins, catalysts, release agents, VOC containing cleanup solvents and adhesives. [401 KAR 52:020, Section 10].

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

5. Specific Recordkeeping Requirements:

401 KAR 59:010

a. The permittee shall maintain a log of the visual observations noting date, time, initials of observers, and records of corrective actions taken as a result of visible emissions from a stack and records of any U.S. EPA Reference Method 9 readings performed [401 KAR 52:020, Section 10].

b. The permittee shall maintain records of the removal and replacement of the dry particulate filters, including the emission point ID (e.g., EF-1) where the replacement occurred and the date of replacement during each semi-annual compliance period [401 KAR 52:020, Section 10].

40 CFR 63, Subpart WWWW

c. The permittee shall keep records of a copy of each notification and report that the permittee submitted to comply with 40 CFR 63, Subpart WWWW, including all documentation supporting any initial notification or notification of compliance status that the permittee submitted according to the requirements of 40 CFR 63.10(b)(2)(xiv) [40 CFR 63.5915(a)(1)].

d. The permittee shall keep all data, assumptions, and calculations used to determine organic HAP emissions factors or average organic HAP contents for the affected operations listed in tables 3, 5, and 7 to 40 CFR 63, Subpart WWWW [40 CFR 63.5915(c)].

e. The permittee shall keep a certified statement that the permittee is in compliance with the work practice requirements specified in Table 4 to 40 CFR 63, Subpart WWWW, as applicable [40 CFR 63.5915(d)].

f. The permittee shall collect and keep records of resin and gel coat use, organic HAP content, and operation where the resin is used if they are meeting any organic HAP emissions limits based on an organic HAP emissions limit in Tables 3 or 5 to 40 CFR 63, Subpart WWWW. Resin and gel coat use records may be based on purchase records if the permittee can reasonably estimate how the resin and gel coat is applied. The organic HAP content records may be based on MSDS or on resin and gel coat specifications supplied by the resin supplier [40 CFR 63.5895(c)].

g. 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 limit 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 40 CFR 63.5810(a). If any of the previously mentioned changes results in a situation where an individual resin or gel coat now exceeds

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

its applicable emission limit in Table 3 or 5 to 40 CFR 63, 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 [40 CFR 63.5895(d)].

h. The permittee shall 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) [40 CFR 63.5920(a)].

i. As specified in 40 CFR 63.10(b)(1), the permittee shall keep each record for 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record [40 CFR 63.5920(b)].

j. The permittee shall keep each record onsite for at least 2 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record and can keep the records offsite for the remaining 3 years [40 CFR 63.5920(c)].

k. 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(d)].

l. Any records required to be maintained by 40 CFR part 63 that are submitted electronically via the EPA's CEDRI may be maintained in electronic format. This ability to maintain electronic copies does not affect the requirement for facilities to make records, data, and reports available upon request to a delegated air agency or the EPA as part of an on-site compliance evaluation [40 CFR 63.5920(e)].

Source-wide VOC Emission Limit

m. The permittee shall maintain records of the monthly usage in pounds of the following materials (only those materials which contain VOC) for the purpose of determining monthly VOC emissions: Gel coats, resins, catalysts, release agents, VOC containing cleanup solvents and adhesives. Refer to Section D [401 KAR 52:020, Section 10].

6. <u>Specific Reporting Requirements</u>:

401 KAR 59:010

a. The permittee shall submit a copy of the inspection and repair log for those times when corrective actions are required due to an opacity exceedance and/or records of any U.S. EPA Reference Method 9 opacity observations as noted in **4. <u>Specific Monitoring Requirements</u> (a)**. Copies of these records shall be submitted as a part of the semiannual reporting as required in Section F (5) & (6) [401 KAR 52:020, Section 10].

b. The semi-annual compliance report shall include a summary of filter replacements during the period, including the emission point ID (e.g., EF-1) where the replacement occurred and the date of replacement [401 KAR 52:020, Section 10].

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

40 CFR 63, Subpart WWWW

c. The permittee shall report each deviation from each standard in 40 CFR 63.5805 that applies. The deviations must be reported according to the requirements in 40 CFR 63.5910. [40 CFR 63.5900(b)].

d. If the permittee changes any information submitted in any notification, the permittee shall submit the changes in writing to the Administrator within 15 calendar days after the change [40 CFR 63.5905(b)].

e. The permittee shall submit each report according to the dates specified in Table 14 to 40 CFR Subpart WWWW and according to 40 CFR 63.5910(b)(1) through (5) [40 CFR 63.5910(b)].
   (1) Each 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. [40 CFR 63.5910(b)(3)]
   (2) Each 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. [40 CFR 63.5910(b)(4)]
   (3) The permittee may submit the first and subsequent compliance reports according to the dates the Division has established in Section F instead of according to the dates in 40 CFR 63.5910(b)(1) through (4). [40 CFR 63.5910(b)(5)]
   (4) The compliance report shall contain the information in 40 CFR 63.5910(c)(1) through (6) [40 CFR 63.5910(c)]:
      i. Company name and address. [40 CFR 63.5910(c)(1)]
      ii. 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. [40 CFR 63.5910(c)(2)]
      iii. Date of the report and beginning and ending dates of the reporting period. [40 CFR 63.5910(c)(3)]
      iv. If there are no deviations from any organic HAP emissions limitations (emissions limit and operating limit) that are applicable, and there are no deviations from the requirements for work practice standards in Table 4 to 40 CFR 63, Subpart WWWW, a statement that there were no deviations from the organic HAP emissions limitations or work practice standards during the reporting period. [40 CFR 63.5910(c)(5)]

f. For each deviation from an organic HAP emissions limitation or operating limit and for each deviation from the requirements for work practice standards, the compliance report must contain the information in 40 CFR 63.5910(c)(1) through (3) and in 40 CFR 63.5910(d)(1) and (2). [40 CFR 63.5910(d)].
   (1) The total operating time of each affected source during the reporting period. [40 CFR 63.5910(d)(1)]
   (2) Information on the number, duration, and cause of deviations (including unknown cause, if applicable), as applicable, and the corrective action taken. [40 CFR 63.5910(d)(2)]

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

g. The permittee shall report if the permittee has exceeded the 100 tpy organic HAP emissions threshold. The permittee shall 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 shall report the exceedance as required in 40 CFR 63.5805(f) [40 CFR 63.5910(f)].

h. The permittee must report all deviations as defined in 40 CFR 63., Subpart WWWW in the semiannual monitoring report required by Section F. If an affected source submits a compliance report pursuant to Table 14 to 40 CFR 63, Subpart WWWW along with, or as part of, the semiannual monitoring report required by Section F, 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 40 CFR 63, 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 Division. [40 CFR 63.5910(g)]

i. The permittee shall state in the next compliance report if the permittee has changed compliance options since the last compliance report [40 CFR 63.5910(i)].

Source-wide VOC Emission Limit

j. The semiannual compliance report shall include an emission calculation worksheet which includes the monthly material usage rates of the VOC-containing resins, gel coats, catalysts, release agents, cleanup solvents and adhesives used during the period. The worksheet shall include the density (lb/gallon), VOC content and VOC emission factor of each material. The report shall contain the monthly source wide VOC emission rates for the compliance period and shall include the VOC emission rate on 12-month rolling total basis. Refer to Section D [401 KAR 52:020, Section 10].

7. <u>Specific Control Equipment Operating Conditions</u>:

Dry particulate replaceable filters shall be installed at each spray area on the exhaust air manifold. Records shall be kept indicating that all filters are in place during spray operations and that the filters are replaced periodically to assure design air flow and to limit particulate emissions [401 KAR 52:020, Section 10].

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

Emission Unit 02 Open Molding Operations - Fiberglass Boat Manufacturing

Description:

Gel coat and lamination process for fiberglass boats
Control: dry filter for particulate emissions

Ten Spray Areas, EF-1 through EF-10
Atomized Gel Coat Application and Mechanical Non-atomized Resin Application
Each spray area includes two Fluid Impingement Technology (FIT) atomized gel coat guns, two flow coat chopper guns, and associated equipment.

APPLICABLE REGULATIONS:
401 KAR 59:010, *New process operations*

401 KAR 63:002 Section 2(4)(aaaa) 40 C.F.R. 63.5680 to 63.5779, Tables 1 to 8 (Subpart VVVV), *National Emission Standards for Hazardous Air Pollutants for Boat Manufacturing.*

1. **Operating Limitations:**
   40 CFR 63, Subpart VVVV
   a. The permittee must prepare an implementation plan that describes the steps the permittee will take to bring the open molding operations covered by 40 CFR 63, Subpart VVVV into compliance. For each operation included in the emissions average, the implementation plan must include the elements listed in 40 CFR 63.5707(b)(1) through (3) [40 CFR 63.5707(b)].
      (1) A description of each operation included in the average. [40 CFR 63.5707(b)(1)]
      (2) The maximum organic HAP content of the materials used, the application method used (if any atomized resin application methods are used in the average), and any other methods used to control emissions. [40 CFR 63.5707(b)(2)]
      (3) Calculations showing that the operations covered by the plan will comply with the open molding emission limit specified in 40 CFR 63.5698. [40 CFR 63.5707(b)(3)]

   b. The permittee must submit the implementation plan to the Administrator with the notification of compliance status specified in 40 CFR 63.5761 [40 CFR 63.5707(c)].

   c. If the permittee revises the implementation plan, the permittee must submit the revised plan with the next semiannual compliance report specified in 40 CFR 63.5764 [40 CFR 63.5707(e)].

   d. All resin and gel coat mixing containers with a capacity equal to or greater than 208 liters, including those used for on-site mixing of putties and polyputties, must have a cover with no visible gaps in place at all times, except when material is being manually added to or removed from a container, or when mixing or pumping equipment is being placed in or removed from a container [40 CFR 63.5731(a) and (b)].

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

Compliance Demonstration Method:
The permittee must visually inspect all mixing containers subject to this standard at least once per month. The inspection should ensure that all containers have covers with no visible gaps between the cover and the container, or between the cover and equipment passing through the cover [40 CFR 63.5731(c)].

e. For routine flushing of resin and gel coat application equipment (e.g., spray guns, flowcoaters, brushes, rollers, and squeegees), the permittee must use a cleaning solvent that contains no more than 5 percent organic HAP by weight. For removing cured resin or gel coat from application equipment, no organic HAP content limit applies [40 CFR 63.5734(a)].

Compliance Demonstration Method:
The permittee shall determine and record the organic HAP content of the cleaning solvents using the methods specified in 40 CFR 63.5758(a). [40 CFR 63.5737(a)]

f. The permittee must store organic HAP-containing solvents used for removing cured resin or gel coat in containers with covers. The covers must have no visible gaps and must be in place at all times, except when equipment to be cleaned is placed in or removed from the container. On containers with a capacity greater than 7.6 liters, the distance from the top of the container to the solvent surface must be no less than 0.75 times the diameter of the container [40 CFR 63.5734(b)].

Compliance Demonstration Method:
At least once per month, the permittee must visually inspect any containers holding organic HAP-containing solvents used for removing cured resin and gel coat to ensure that the containers have covers with no visible gaps. [40 CFR 63.5737(c)]

2. Emission Limitations:
401 KAR 59:010

a. No person shall cause, suffer, allow, or permit any continuous emission into the open air from a control device or stack associated with any affected facility which is equal to or greater than twenty (20) percent opacity [401 KAR 59:010, Section 3(1)].

Compliance Demonstration Method:
See **4. Specific Monitoring Requirements** for opacity compliance demonstration.

b. No person shall cause, suffer, allow or permit the emission into the open air of particulate matter from any affected facility which is in excess of 2.34 lb/hr. [401 KAR 59:010, Section 3(2)]

Compliance Demonstration Method:
The source is assumed to be in compliance when the dry particulate replaceable filters are in place and properly maintained. Refer to Subsection **7. Specific Control Equipment Operating Conditions**.

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

Source-wide VOC Emission Limit

c. See Section D for source-wide VOC emission limit.

40 CFR 63, Subpart VVVV

d. The permittee must limit organic HAP emissions from open molding operations to the limit specified by equation 1 of 40 CFR 63.5698, based on a 12-month rolling average [40 CFR 63.5698(b)].

$$HAP\ Limit = \left[46(M_R) + 159(M_{PG}) + 291(M_{CG}) + 54(M_{TR}) + 214(M_{TG})\right] \qquad (Eq.\ 1)$$

Where:

HAP Limit= total allowable organic HAP that can be emitted from the open molding operations, kilograms.

M_R= mass of production resin used in the past 12 months, excluding any materials exempt under 40 CFR 63.5698(d), megagrams.

M_{PG}= mass of pigmented gel coat used in the past 12 months, excluding any materials exempt under 40 CFR 63.5698(d), megagrams.

M_{CG}= mass of clear gel coat used in the past 12 months, excluding any materials exempt under 40 CFR 63.5698(d), megagrams.

M_{TR}= mass of tooling resin used in the past 12 months, excluding any materials exempt under 40 CFR 63.5698(d), megagrams.

M_{TG}= mass of tooling gel coat used in the past 12 months, excluding any materials exempt under 40 CFR 63.5698(d), megagrams.

Pigmented, clear, and tooling gel coat used for part or mold repair and touch up are exempt from the open molding emission limit specified above. The total gel coat materials included in this exemption must not exceed 1 percent by weight of all gel coat used at the facility on a 12-month rolling-average basis. The permittee must keep a record of the amount of exempt material used per month and copies of calculations showing that the exempt amount does not exceed 1 percent of all gel coat used. [40 CFR 63.5698(d)(2)]

Pure, 100 percent vinylester resin used for skin coats are exempt from the open molding emission limit specified above. This exemption does not apply to blends of vinylester and polyester resins used for skin coats. The total resin materials included in the exemption cannot exceed 5 percent by weight of all resin used at the facility on a 12-month rolling-average basis. The permittee must keep a record of the amount of 100 percent vinylester skin coat resin used per month that is eligible for exemption and copies of calculations showing that the exempt amount does not exceed 5 percent of resin used. [40 CFR 63.5698(d)(3)]

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

Compliance Demonstration Method:
The permittee must use one or more of the options listed in 40 CFR 63.5701(a) through (c) to meet the emission limit in 40 CFR 63.5698 for the resins and gel coats used in open molding operations at the facility. [40 CFR 63.5701]

Maximum achievable control technology (MACT) model point value averaging (emissions averaging) option.

(1) Compliance is demonstrated on a 12-month rolling-average basis and is determined at the end of every month (12 times per year). The first 12-month rolling-average period begins upon startup [40 CFR 63.5710(a)].
(2) The permittee must use the equations in Table 3 to 40 CFR 63, Subpart VVVV to calculate the MACT model point value (PV_i) for each resin and gel coat used in each operation in the past 12 months [40 CFR 63.5710(d)].

Table 3 to Subpart VVVV of Part 63—MACT Model Point Value Formulas for Open Molding Operations

For this operation—	**And this application method—**	**Use this formula to calculate the MACT model plant** (sic) **value for each resin and gel coat—**
1. Production resin, tooling resin	a. Atomized	$0.014 \times (\text{Resin HAP\%})^{2.425}$
	b. Atomized, plus vacuum bagging with roll-out	$0.01185 \times (\text{Resin HAP\%})^{2.425}$
	c. Atomized, plus vacuum bagging without roll-out	$0.00945 \times (\text{Resin HAP\%})^{2.425}$
	d. Nonatomized	$0.014 \times (\text{Resin HAP\%})^{2.275}$
	e. Nonatomized, plus vaccum bagging with roll-out	$0.0110 \times (\text{Resin HAP\%})^{2.275}$
	f. Nonatomized, plus vacuum bagging without roll-out	$0.0076 \times (\text{Resin HAP\%})^{2.275}$
2. Pigmented gel coat, clear gel coat, tooling gel coat	All methods	$0.445 \times (\text{Gel coat HAP\%})^{1.675}$

Equations calculate MACT model point value in kilograms of organic HAP per megagrams of resin or gel coat applied. HAP% = organic HAP content as supplied, expressed as a weight-percent value between 0 and 100 percent.

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

(3) The permittee shall determine the organic HAP content of resins and gel coats using results that generated by the test methods specified in 40 CFR 63.5758(a)(1) through (4) or manufacturer's formulation data, according to 40 CFR 63.5758(a)(5)(i) through (iii) [40 CFR 63.5758(a)(5)].

i. The permittee shall include 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 [40 CFR 63.5758(a)(5)(i)].

ii. If the organic HAP content is provided by the material supplier or manufacturer as a range, the permittee shall use the upper limit of the range for determining compliance. If a separate measurement of the total organic HAP content using the methods specified in 40 CFR 63.5758(a)(1) through (4) 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 [40 CFR 63.5758(a)(5)(ii)].

iii. If the organic HAP content is provided as a single value, the permittee may assume the value is a manufacturing target value and actual organic HAP content may vary from the target value. If a separate measurement of the total organic HAP content using the methods specified in 40 CFR 63.5758(a)(1) through (4) 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 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 63.5758(a)(5)(iii)].

(4) At the end of every month, use equation 2 of 40 CFR 63.5710 to compute the weighted-average MACT model point value for each open molding resin and gel coat operation included in the average [40 CFR 63.5710(c)].

$$PV_{OP} = \frac{\sum_{i=1}^{n} (M_i \, PV_i)}{\sum_{i=1}^{n} (M_i)} \qquad (Eq. 2)$$

Where:

PV_{OP}=weighted-average MACT model point value for each open molding operation (PV_R, PV_{PG}, PV_{CG}, PV_{TR}, and PV_{TG}) included in the average, kilograms of HAP per megagram of material applied.

M_i= mass of resin or gel coat i used within an operation in the past 12 months, megagrams.

n= number of different open molding resins and gel coats used within an operation in the past 12 months.

PV_i= the MACT model point value for resin or gel coat i used within an operation in the past 12 months, kilograms of HAP per megagram of material applied.

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

(5) At the end of the twelfth month after the compliance date and at the end of every subsequent month, the permittee shall use following equation to demonstrate that the organic HAP emissions from those operations included in the average do not exceed the emission limit in 40 CFR 63.5698 calculated for the same 12-month period [40 CFR 63.5710(b)].

$$HAP\ \text{emissions} = \left[(PV_R)(M_R) + (PV_{PG})(M_{PG}) + (PV_{CG})(M_{CG}) + (PV_{TR})(M_{TR}) + (PV_{TG})(M_{TG})\right] \quad (Eq.\ 1)$$

Where:

HAP emissions= Organic HAP emissions calculated using MACT model point values for each operation included in the average, kilograms.

PV_R= Weighted-average MACT model point value for production resin used in the past 12 months, kilograms per megagram.

M_R= Mass of production resin used in the past 12 months, megagrams.

PV_{PG}= Weighted-average MACT model point value for pigmented gel coat used in the past 12 months, kilograms per megagram.

M_{PG}= Mass of pigmented gel coat used in the past 12 months, megagrams.

PV_{CG}= Weighted-average MACT model point value for clear gel coat used in the past 12 months, kilograms per megagram.

M_{CG}= Mass of clear gel coat used in the past 12 months, megagrams.

PV_{TR}= Weighted-average MACT model point value for tooling resin used in the past 12 months, kilograms per megagram.

M_{TR}= Mass of tooling resin used in the past 12 months, megagrams.

PV_{TG}= Weighted-average MACT model point value for tooling gel coat used in the past 12 months, kilograms per megagram.

M_{TG}= Mass of tooling gel coat used in the past 12 months, megagrams.

(6) If the organic HAP emissions calculated in 40 CFR 63.5710(b) are less than the organic HAP limit calculated in 40 CFR 63.5698(b) for the same 12-month period, then the permittee is in compliance with the emission limit in 40 CFR 63.5698 for those operations and materials included in the average [40 CFR 63.5710(e)].

3. <u>Testing Requirements</u>:

Testing shall be conducted at such times as may be requested by the Cabinet [401 KAR 50:045, Section 1].

4. <u>Specific Monitoring Requirements</u>:

401 KAR 59:010

a. The permittee shall perform a qualitative visual observation of the opacity of emissions at each stack no less than weekly while the affected facility is operating. If visible emissions from the stacks are observed (not including condensed water in the plume), the permittee shall determine the opacity using U.S. EPA Reference Method 9. In lieu of determining

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

the opacity using U.S. EPA Reference Method 9, the permittee shall immediately perform a corrective action which results in no visible emissions (not including condensed water in the plume) [401 KAR 52:020, Section 10].

Source-wide VOC Emission Limit

b. The permittee shall monitor the monthly usage of the following materials (only those materials which contain VOC) for the purpose of determining monthly VOC emissions: Gel coats, resins, catalysts, release agents, VOC containing cleanup solvents and adhesives [401 KAR 52:020, Section 10].

5. Specific Recordkeeping Requirements:

401 KAR 59:010

a. The permittee shall maintain a log of the visual opacity observations, records of corrective actions taken as a result of visible emissions from a vent and records of any U.S. EPA Reference Method 9 readings performed [401 KAR 52:020, Section 10].

b. The permittee shall maintain records of the removal and replacement of the dry particulate filters, including the emission point ID (e.g., EF-1) where the replacement occurred and the date of replacement [401 KAR 52:020, Section 10].

40 CFR 63, Subpart VVVV

c. The permittee must keep the implementation plan on site and provide it to the Administrator when asked [40 CFR 63.5707(d)].

d. The permittee must keep records of which mixing containers are subject to this standard (specified in **1. Operating Limitations(d)**) and the results of the inspections, including a description of any repairs or corrective actions taken [40 CFR 63.5731(d)].

e. The permittee shall keep records of the monthly inspections on any containers holding organic HAP-containing solvents used for removing cured resin and gel coat and any repairs made to the covers [40 CFR 63.5737(c)] .

f. The permittee shall keep the records specified in 40 CFR 63.5767(a) through (d) in addition to records specified in individual section of 40 CFR 63, Subpart VVVV [40 CFR 63.5767].
   (1) The permittee shall keep a copy of each notification and report submitted to comply with 40 CFR 63, Subpart VVVV [40 CFR 63.5767(a)].
   (2) The permittee shall keep all documentation supporting any notification or report submitted [40 CFR 63.5767(b)].
   (3) The permittee shall keep the records of the total amounts of open molding production resin, pigmented gel coat, clear gel coat, tooling resin, and tooling gel coat used per month and the weighted-average organic HAP contents for each operation, expressed as weight-percent. For open molding production resin and tooling resin, the permittee must also record the amounts of each applied by atomized and nonatomized methods [40 CFR 63.5767(c)(1)].

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

g. ***Emissions averaging option.*** For those open molding operations and materials complying using the emissions averaging option, the permittee must demonstrate compliance by performing the steps in 40 CFR 63.5704(a)(1) through (5) [40 CFR 63.5704(a)].
   (1) Use the methods specified in 40 CFR 63.5758 to determine the organic HAP content of resins and gel coats. [40 CFR 63.5704(a)(1)]
   (2) Complete the calculations described in 40 CFR 63.5710 to show that the organic HAP emissions do not exceed the limit specified in 40 CFR 63.5698. [40 CFR 63.5704(a)(2)]
   (3) Keep records as specified in 40 CFR 63.5704(a)(3)(i) through (iv) for each resin and gel coat. [40 CFR 63.5704(a)(3)]
      i. Hazardous air pollutant content. [40 CFR 63.5704(a)(3)(i)]
      ii. Amount of material used per month. [40 CFR 63.5704(a)(3)(ii)]
      iii. Application method used for production resin and tooling resin. This record is not required if all production resins and tooling resins are applied with nonatomized technology. [40 CFR 63.5704(a)(3)(iii)]
      iv. Calculations performed to demonstrate compliance based on MACT model point values, as described in 40 CFR 63.5710. [40 CFR 63.5704(a)(3)(iv)]
   (4) Prepare and submit the implementation plan described in 40 CFR 63.5707 to the Administrator and keep it up to date. [40 CFR 63.5704(a)(4)]
   (5) Submit semiannual compliance reports to the Administrator as specified in 40 CFR 63.5764. [40 CFR 63.5704(a)(5)]

h. The records must be readily available and in a form so they can be easily inspected and reviewed. [40 CFR 63.5770(a)]

i. The permittee must keep each record for 5 years following the date that each record is generated. [40 CFR 63.5770(b)]

j. The permittee must keep each record on site for at least 2 years after the date that each record is generated. The permittee can keep the records offsite for the remaining 3 years. [40 CFR 63.5770(c)]

k. The permittee can keep the records on paper or an alternative media, such as microfilm, computer, computer disks, magnetic tapes, or on microfiche. [40 CFR 63.5770(d)]

l. Any records required to be maintained by 40 CFR part 63 that are submitted electronically via the EPA's CEDRI may be maintained in electronic format. This ability to maintain electronic copies does not affect the requirement for facilities to make records, data, and reports available upon request to the Division or the EPA as part of an on-site compliance evaluation. [40 CFR 63.5770(e)]

Source-wide VOC Emission Limit

m. The permittee shall maintain monthly records of the VOC emissions. Refer to Section D [401 KAR 52:020, Section 10].

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

6. Specific Reporting Requirements:

401 KAR 59:010

a. The permittee shall submit a copy of the inspection and repair log for those times when corrective actions are required due to an opacity exceedance and/or records of any U.S. EPA Reference Method 9 opacity observations as noted in Section B (4) a. Copies of these records shall be submitted as a part of the semiannual reporting as required in Section F (5) & (6) [401 KAR 52:020, Section 10].

b. The semi-annual compliance report shall include a summary of filter replacements during the period, including the emission point ID (e.g., EF-1) where the replacement occurred and the date of replacement [401 KAR 52:020, Section 10].

40 CFR 63, Subpart VVVV

c. The permittee shall submit a notification of compliance status as specified in 40 CFR 63.9(h) no later than 1 year plus 30 calendar days after startup, according to Table 7 to 40 CFR 63, Subpart VVVV. The notifications are described more fully in 40 CFR Part 63, Subpart A, General Provisions, referenced in Table 8 to 40 CFR 63, Subpart VVVV [40 CFR 63.5761(a)].

d. If the permittee changes any information submitted in any notification, the permittee shall submit the changes in writing to the Division within 15 calendar days after the change [40 CFR 63.5761(b)].

e. The permittee shall submit each report by the dates in 40 CFR 63.5764(1) through (5) [40 CFR 63.5764(b)].
   (1) The first compliance report must cover the period beginning 12 months after initial startup and ending on June 30 or December 31, whichever date is the first date following the end of the first 12-month period after initial startup. [40 CFR 63.5764(b)(1)]
   (2) The first compliance report must be postmarked or delivered no later than 60 calendar days after the end of the compliance reporting period. [40 CFR 63.5764(b)(2)]
   (3) Each subsequent compliance report must cover the applicable semiannual reporting period from January 1 through June 30 or from July 1 through December 31. [40 CFR 63.5764(b)(3)]
   (4) Each subsequent compliance report must be postmarked or delivered no later than 60 calendar days after the end of the semiannual reporting period. [40 CFR 63.5764(b)(4)]
   (5) The permittee may submit the first and subsequent compliance reports according to the dates the Division has established in Section F instead of according to the dates in 40 CFR 63.5764(b)(1) through (4). [40 CFR 63.5764(b)(5)]

f. The compliance report must include the information specified in 40 CFR 63.5764(c)(1) through (7) [40 CFR 63.5764(c)].
   (1) Company name and address. [40 CFR 63.5764(c)(1)]
   (2) A statement by a responsible official with that official's name, title, and signature, certifying the truth, accuracy, and completeness of the report. [40 CFR 63.5764(c)(2)]

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

(3) The date of the report and the beginning and ending dates of the reporting period. [40 CFR 63.5764(c)(3)]
(4) A description of any changes in the manufacturing process since the last compliance report. [40 CFR 63.5764(c)(4)]
(5) A statement or table showing, for each regulated operation, the applicable organic HAP content limit, application equipment requirement, or MACT model point value averaging provision with which the permittee is complying. The statement or table must also show the actual weighted-average organic HAP content or weighted-average MACT model point value (if applicable) for each operation during each of the rolling 12-month averaging periods that end during the reporting period. [40 CFR 63.5764(c)(5)]
(6) If the permittee were in compliance with the emission limits and work practice standards during the reporting period, the permittee must include a statement to that effect. [40 CFR 63.5764(c)(6)]
(7) If the permittee deviated from an emission limit or work practice standard during the reporting period, the permittee must also include the information listed in 40 CFR 63.5764(c)(7)(i) through (iv) in the semiannual compliance report. [40 CFR 63.5764(c)(7)]
   i. A description of the operation involved in the deviation. [40 CFR 63.5764(c)(7)(i)]
   ii. The quantity, organic HAP content, and application method (if relevant) of the materials involved in the deviation. [40 CFR 63.5764(c)(7)(ii)]
   iii. A description of any corrective action the permittee took to minimize the deviation and actions the permittee have taken to prevent it from happening again. [40 CFR 63.5764(c)(7)(iii)]
   iv. A statement of whether or not the facility was in compliance for the 12-month averaging period that ended at the end of the reporting period. [40 CFR 63.5764(c)(7)(iv)]

Source-wide VOC Emission Limit

g. The semiannual compliance report shall include an emission calculation worksheet which includes the monthly material usage rates of the VOC-containing resins, gel coats, catalysts, release agents, cleanup solvents and adhesives used during the period. The worksheet shall include the density, VOC content and VOC emission factor of each material. The report shall contain the monthly source wide VOC emission rates for the compliance period and shall include the VOC emission rate on 12-month rolling total basis. Refer to Section D [401 KAR 52:020, Section 10].

7. <u>Specific Control Equipment Operating Conditions</u>:

Dry particulate replaceable filters shall be installed at each spray area on the exhaust air manifold. Records shall be kept indicating that all filters are in place during spray operations and that the filters are replaced periodically to assure design air flow and to limit particulate emissions [401 KAR 52:020, Section 10].

SECTION C - INSIGNIFICANT ACTIVITIES

The following listed activities have been determined to be insignificant activities for this source pursuant to 401 KAR 52:020, Section 6. Although these activities are designated as insignificant the permittee must comply with the applicable regulation. Process and emission control equipment at each insignificant activity subject to an opacity standard shall be inspected monthly and a qualitative visible emissions evaluation made. Results of the inspection, evaluation, and any corrective action shall be recorded in a log.

	Description	Generally Applicable Regulation
1.	8,000 gallons resin storage tank	N/A
2.	Natural gas/propane fired makeup air units (MAU-1 and MAU-2 at 4.5 MMBtu/hr, each)	401 KAR 63:020
3.	Natural gas/propane fired space heaters (HC-1, HC-2 and HC-3 at 0.25 MMBtu/hr, each)	401 KAR 63:020
4.	Machinery lubricants and waxes, including oils, greases or other lubricants applied as temporary protective coatings	N/A
5.	2,000 gallons propane storage tank	N/A

SECTION D - SOURCE EMISSION LIMITATIONS AND TESTING REQUIREMENTS

1. As required by Section 1b of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26; compliance with annual emissions and processing limitations contained in this permit, shall be based on emissions and processing rates for any twelve (12) consecutive months.

2. PM, Opacity, HAP, and VOC emissions, measured by applicable reference methods, or an equivalent or alternative method specified in 40 C.F.R. Chapter I, or by a test method specified in the state implementation plan shall not exceed the respective limitations specified herein.

3. VOC emissions shall not exceed 90 tons during any consecutive twelve (12) month period. Monthly records to demonstrate compliance with this limitation shall be maintained and total VOC emissions shall be reported on a semi-annual basis. VOC emissions shall be calculated and recorded on a *monthly* basis. These records shall be summarized in tons per month of VOC emissions; subsequently, tons of VOC emissions per rolling twelve-month period shall be recorded. In addition, these records shall demonstrate compliance with the VOC emission limitations listed herein. These records shall be maintained on site for a period of five years from the date the data was collected and shall be readily available [To preclude 401 KAR 50:012 and 401 KAR 51:017].

   Compliance Demonstration Method:
   Monthly Source-wide VOC emissions shall be determined by the following equation:
   $E_{VOC} = E_{Gel\ Coats} + E_{Resins} + E_{Catalysts} + E_{Release\ Agent} + E_{Adhesives} + E_{Insignificant\ Activities}$

   The monthly emission rate of VOC shall be determined by multiplying either gel coat or resin process rate by the appropriate emission factor based on the operation type/application technique, where the emission factor is determined from Table 1 of 40 CFR 63, Subpart WWWW. Percent HAP in the equations in Table 1 shall be assumed to account for all VOC in the resins and gel coats.

   VOC emissions from catalysts, release agents, cleanup solvents and adhesives shall be determined by multiplying the pounds of each material used monthly by the respective VOC emission factor of each material (lb VOC per lb of material).

4. A mixture of one (1) volume of ambient air and seven (7) volumes of odorless air shall have no detectable odor at any time. [401 KAR 53:010, Appendix A]

   Compliance Demonstration Method:
   Pursuant to 401 KAR 53:005, Section 2(2), the secondary standard for odor shall be applicable only when the cabinet receives a complaint with respect to odors from a source.

SECTION E - SOURCE CONTROL EQUIPMENT REQUIREMENTS

Pursuant to 401 KAR 50:055, Section 2(5), at all times, including periods of startup, shutdown and malfunction, owners and operators shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Division which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source.

SECTION F - MONITORING, RECORDKEEPING, AND REPORTING REQUIREMENTS

1. Pursuant to Section 1b-IV-1 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26, when continuing compliance is demonstrated by periodic testing or instrumental monitoring, the permittee shall compile records of required monitoring information that include:
   a. Date, place as defined in this permit, and time of sampling or measurements;
   b. Analyses performance dates;
   c. Company or entity that performed analyses;
   d. Analytical techniques or methods used;
   e. Analyses results; and
   f. Operating conditions during time of sampling or measurement.

2. Records of all required monitoring data and support information, including calibrations, maintenance records, and original strip chart recordings, and copies of all reports required by the Division for Air Quality, shall be retained by the permittee for a period of five (5) years and shall be made available for inspection upon request by any duly authorized representative of the Division for Air Quality [Sections 1b-IV-2 and 1a-8 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26].

3. In accordance with the requirements of 401 KAR 52:020, Section 3(1)h, the permittee shall allow authorized representatives of the Cabinet to perform the following during reasonable times:
   a. Enter upon the premises to inspect any facility, equipment (including air pollution control equipment), practice, or operation;
   b. To access and copy any records required by the permit:
   c. Sample or monitor, at reasonable times, substances or parameters to assure compliance with the permit or any applicable requirements.

   Reasonable times are defined as during all hours of operation, during normal office hours; or during an emergency.

4. No person shall obstruct, hamper, or interfere with any Cabinet employee or authorized representative while in the process of carrying out official duties. Refusal of entry or access may constitute grounds for permit revocation and assessment of civil penalties.

5. Summary reports of any monitoring required by this permit shall be submitted to the Regional Office listed on the front of this permit at least every six (6) months during the life of this permit, unless otherwise stated in this permit. For emission units that were still under construction or which had not commenced operation at the end of the 6-month period covered by the report and are subject to monitoring requirements in this permit, the report shall indicate that no monitoring was performed during the previous six months because the emission unit was not in operation [Sections 1b-V-1 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26].

SECTION F - MONITORING, RECORDKEEPING, AND REPORTING REQUIREMENTS (CONTINUED)

6. The semi-annual reports are due by January 30th and July 30th of each year. All reports shall be certified by a responsible official pursuant to 401 KAR 52:020, Section 23. If continuous emission and opacity monitors are required by regulation or this permit, data shall be reported in accordance with the requirements of 401 KAR 59:005, General Provisions, Section 3(3). All deviations from permit requirements shall be clearly identified in the reports.

7. In accordance with the provisions of 401 KAR 50:055, Section 1, the owner or operator shall notify the Regional Office listed on the front of this permit concerning startups, shutdowns, or malfunctions as follows:
   a. When emissions during any planned shutdowns and ensuing startups will exceed the standards, notification shall be made no later than three (3) days before the planned shutdown, or immediately following the decision to shut down, if the shutdown is due to events which could not have been foreseen three (3) days before the shutdown.
   b. When emissions due to malfunctions, unplanned shutdowns and ensuing startups are or may be in excess of the standards, notification shall be made as promptly as possible by telephone (or other electronic media) and shall be submitted in writing upon request.

8. The permittee shall promptly report deviations from permit requirements, including those attributable to upset conditions as defined in the permit, the probable cause of such deviations, and any corrective actions or preventive measures taken shall be submitted to the Regional Office listed on the front of this permit. Where the underlying applicable requirement contains a definition of prompt or otherwise specifies a time frame for reporting deviations, that definition or time frame shall govern. Where the underlying applicable requirement does not identify a specific time frame for reporting deviations, prompt reporting, as required by Sections 1b-V, 3 and 4 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26, shall be defined as follows:
   a. For emissions of a hazardous air pollutant or a toxic air pollutant (as identified in an applicable regulation) that continue for more than an hour in excess of permit requirements, the report must be made within 24 hours of the occurrence.
   b. For emissions of any regulated air pollutant, excluding those listed in F.8.a., that continue for more than two hours in excess of permit requirements, the report must be made within 48 hours.
   c. All deviations from permit requirements, including those previously reported, shall be included in the semiannual report required by F.6.

9. Pursuant to 401 KAR 52:020, Title V permits, Section 21, the permittee shall annually certify compliance with the terms and conditions contained in this permit, by completing and returning a Compliance Certification Form (DEP 7007CC) (or an alternative approved by the regional office) to the Regional Office listed on the front of this permit and the U.S. EPA in accordance with the following requirements:
   a. Identification of the term or condition;
   b. Compliance status of each term or condition of the permit;
   c. Whether compliance was continuous or intermittent;
   d. The method used for determining the compliance status for the source, currently and over the reporting period.

SECTION F - MONITORING, RECORDKEEPING, AND REPORTING REQUIREMENTS (CONTINUED)

e. For an emissions unit that was still under construction or which has not commenced operation at the end of the 12-month period covered by the annual compliance certification, the permittee shall indicate that the unit is under construction and that compliance with any applicable requirements will be demonstrated within the timeframes specified in the permit.

f. The certification shall be submitted by January 30th of each year. Annual compliance certifications shall be sent to the following addresses:

Division for Air Quality
London Regional Office
875 S. Main Street
London, KY 40741

U.S. EPA Region 4
Air Enforcement Branch
Atlanta Federal Center
61 Forsyth St. SW
Atlanta, GA 30303-8960

10. In accordance with 401 KAR 52:020, Section 22, the permittee shall provide the Division with all information necessary to determine its subject emissions within 30 days of the date the Kentucky Emissions Inventory System (KYEIS) emissions survey is mailed to the permittee.

SECTION G - GENERAL PROVISIONS

1. General Compliance Requirements

   a. The permittee shall comply with all conditions of this permit. Noncompliance shall be a violation of 401 KAR 52:020, Section 3(1)(b), and a violation of Federal Statute 42 USC 7401 through 7671q (the Clean Air Act). Noncompliance with this permit is grounds for enforcement action including but not limited to termination, revocation and reissuance, revision or denial of a permit [Section 1a-3 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26].

   b. The filing of a request by the permittee for any permit revision, revocation, reissuance, or termination, or of a notification of a planned change or anticipated noncompliance, shall not stay any permit condition [Section 1a-6 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26].

   c. This permit may be revised, revoked, reopened and reissued, or terminated for cause in accordance with 401 KAR 52:020, Section 19. The permit will be reopened for cause and revised accordingly under the following circumstances:
      (1) If additional applicable requirements become applicable to the source and the remaining permit term is three (3) years or longer. In this case, the reopening shall be completed no later than eighteen (18) months after promulgation of the applicable requirement. A reopening shall not be required if compliance with the applicable requirement is not required until after the date on which the permit is due to expire, unless this permit or any of its terms and conditions have been extended pursuant to 401 KAR 52:020, Section 12;
      (2) The Cabinet or the United States Environmental Protection Agency (U. S. EPA) determines that the permit must be revised or revoked to assure compliance with the applicable requirements;
      (3) The Cabinet or the U. S. EPA determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit;
      (4) New requirements become applicable to a source subject to the Acid Rain Program.

      Proceedings to reopen and reissue a permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of the permit for which cause to reopen exists. Reopenings shall be made as expeditiously as practicable. Reopenings shall not be initiated before a notice of intent to reopen is provided to the source by the Division, at least thirty (30) days in advance of the date the permit is to be reopened, except that the Division may provide a shorter time period in the case of an emergency.

   d. The permittee shall furnish information upon request of the Cabinet to determine if cause exists for modifying, revoking and reissuing, or terminating the permit; or to determine compliance with the conditions of this permit [Sections 1a- 7 and 8 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26].

   e. Emission units described in this permit shall demonstrate compliance with applicable requirements if requested by the Division [401 KAR 52:020, Section 3(1)(c)].

SECTION G - GENERAL PROVISIONS (CONTINUED)

f. The permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information to the permitting authority [401 KAR 52:020, Section 7(1)].

g. Any condition or portion of this permit which becomes suspended or is ruled invalid as a result of any legal or other action shall not invalidate any other portion or condition of this permit [Section 1a-14 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26].

h. The permittee shall not use as a defense in an enforcement action the contention that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance [Section 1a-4 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26].

i. All emission limitations and standards contained in this permit shall be enforceable as a practical matter. All emission limitations and standards contained in this permit are enforceable by the U.S. EPA and citizens except for those specifically identified in this permit as state-origin requirements. [Section 1a-15 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26].

j. This permit shall be subject to suspension if the permittee fails to pay all emissions fees within 90 days after the date of notice as specified in 401 KAR 50:038, Section 3(6) [Section 1a-10 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26].

k. Nothing in this permit shall alter or affect the liability of the permittee for any violation of applicable requirements prior to or at the time of permit issuance [401 KAR 52:020, Section 11(3) b.].

l. This permit does not convey property rights or exclusive privileges [Section 1a-9 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26].

m. Issuance of this permit does not relieve the permittee from the responsibility of obtaining any other permits, licenses, or approvals required by the Cabinet or any other federal, state, or local agency.

n. Nothing in this permit shall alter or affect the authority of U.S. EPA to obtain information pursuant to Federal Statute 42 USC 7414, Inspections, monitoring, and entry [401 KAR 52:020, Section 11(3) d.].

o. Nothing in this permit shall alter or affect the authority of U.S. EPA to impose emergency orders pursuant to Federal Statute 42 USC 7603, Emergency orders [401 KAR 52:020, Section 11(3) a.].

SECTION G - GENERAL PROVISIONS (CONTINUED)

p. This permit consolidates the authority of any previously issued PSD, NSR, or Synthetic Minor source preconstruction permit terms and conditions for various emission units and incorporates all requirements of those existing permits into one single permit for this source.

q. Pursuant to 401 KAR 52:020, Section 11, a permit shield shall not protect the owner or operator from enforcement actions for violating an applicable requirement prior to or at the time of permit issuance. Compliance with the conditions of this permit shall be considered compliance with:
(1) Applicable requirements that are included and specifically identified in this permit; and
(2) Non-applicable requirements expressly identified in this permit.

2. Permit Expiration and Reapplication Requirements

a. This permit shall remain in effect for a fixed term of five (5) years following the original date of issue. Permit expiration shall terminate the source's right to operate unless a timely and complete renewal application has been submitted to the Division at least six (6) months prior to the expiration date of the permit. Upon a timely and complete submittal, the authorization to operate within the terms and conditions of this permit, including any permit shield, shall remain in effect beyond the expiration date, until the renewal permit is issued or denied by the Division [401 KAR 52:020, Section 12].

b. The authority to operate granted shall cease to apply if the source fails to submit additional information requested by the Division after the completeness determination has been made on any application, by whatever deadline the Division sets [401 KAR 52:020, Section 8(2)].

3. Permit Revisions

a. A minor permit revision procedure may be used for permit revisions involving the use of economic incentive, marketable permit, emission trading, and other similar approaches, to the extent that these minor permit revision procedures are explicitly provided for in the State Implementation Plan (SIP) or in applicable requirements and meet the relevant requirements of 401 KAR 52:020, Section 14(2).

b. This permit is not transferable by the permittee. Future owners and operators shall obtain a new permit from the Division for Air Quality. The new permit may be processed as an administrative amendment if no other change in this permit is necessary, and provided that a written agreement containing a specific date for transfer of permit responsibility coverage and liability between the current and new permittee has been submitted to the permitting authority within ten (10) days following the transfer.

4. Construction, Start-Up, and Initial Compliance Demonstration Requirements

No construction authorized by this permit (V-23-029).

SECTION G - GENERAL PROVISIONS (CONTINUED)

5. Testing Requirements

   a. Pursuant to 401 KAR 50:045, Section 2, a source required to conduct a performance test shall submit a completed Compliance Test Protocol form, DEP form 6028, or a test protocol a source has developed for submission to other regulatory agencies, in a format approved by the cabinet, to the Division's Frankfort Central Office a minimum of sixty (60) days prior to the scheduled test date. Pursuant to 401 KAR 50:045, Section 7, the Division shall be notified of the actual test date at least thirty (30) days prior to the test.

   b. Pursuant to 401 KAR 50:045, Section 5, in order to demonstrate that a source is capable of complying with a standard at all times, any required performance test shall be conducted under normal conditions that are representative of the source's operations and create the highest rate of emissions. If [When] the maximum production rate represents a source's highest emissions rate and a performance test is conducted at less than the maximum production rate, a source shall be limited to a production rate of no greater than 110 percent of the average production rate during the performance tests. If and when the facility is capable of operation at the rate specified in the application, the source may retest to demonstrate compliance at the new production rate. The Division for Air Quality may waive these requirements on a case-by-case basis if the source demonstrates to the Division's satisfaction that the source is in compliance with all applicable requirements.

   c. Results of performance test(s) required by the permit shall be submitted to the Division by the source or its representative within forty-five days or sooner if required by an applicable standard, after the completion of the fieldwork.

6. Acid Rain Program Requirements

   a. If an applicable requirement of Federal Statute 42 USC 7401 through 7671q (the Clean Air Act) is more stringent than an applicable requirement promulgated pursuant to Federal Statute 42 USC 7651 through 7651o (Title IV of the Act), both provisions shall apply, and both shall be state and federally enforceable.

   b. The permittee shall comply with all applicable requirements and conditions of the Acid Rain Permit and the Phase II permit application (including the Phase II NOx compliance plan and averaging plan, if applicable) incorporated into the Title V permit issued for this source. The source shall also comply with all requirements of any revised or future acid rain permit(s) issued to this source.

7. Emergency Provisions

   a. Pursuant to 401 KAR 52:020, Section 24(1), an emergency shall constitute an affirmative defense to an action brought for the noncompliance with the technology-based emission limitations if the permittee demonstrates through properly signed contemporaneous operating logs or relevant evidence that:
      (1) An emergency occurred and the permittee can identify the cause of the emergency;
      (2) The permitted facility was at the time being properly operated;

SECTION G - GENERAL PROVISIONS (CONTINUED)

(3) During an emergency, the permittee took all reasonable steps to minimize levels of emissions that exceeded the emissions standards or other requirements in the permit; and
(4) Pursuant to 401 KAR 52:020, 401 KAR 50:055, and KRS 224.1-400, the permittee notified the Division as promptly as possible and submitted written notice of the emergency to the Division when emission limitations were exceeded due to an emergency. The notice shall include a description of the emergency, steps taken to mitigate emissions, and corrective actions taken.
(5) This requirement does not relieve the source of other local, state or federal notification requirements.

b. Emergency conditions listed in General Condition G.7.a above are in addition to any emergency or upset provision(s) contained in an applicable requirement [401 KAR 52:020, Section 24(3)].

c. In an enforcement proceeding, the permittee seeking to establish the occurrence of an emergency shall have the burden of proof [401 KAR 52:020, Section 24(2)].

8. Ozone Depleting Substances

a. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B:
(1) Persons opening appliances for maintenance, service, repair, or disposal shall comply with the required practices contained in 40 CFR 82.156.
(2) Equipment used during the maintenance, service, repair, or disposal of appliances shall comply with the standards for recycling and recovery equipment contained in 40 CFR 82.158.
(3) Persons performing maintenance, service, repair, or disposal of appliances shall be certified by an approved technician certification program pursuant to 40 CFR 82.161.
(4) Persons disposing of small appliances, MVACs, and MVAC-like appliances (as defined at 40 CFR 82.152) shall comply with the recordkeeping requirements pursuant to 40 CFR 82.155.
(5) Persons owning commercial or industrial process refrigeration equipment shall comply with the leak repair requirements pursuant to 40 CFR 82.156 and 40 CFR 82.157.
(6) Owners/operators of appliances normally containing 50 or more pounds of refrigerant shall keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166.

b. If the permittee performs service on motor (fleet) vehicle air conditioners containing ozone-depleting substances, the source shall comply with all applicable requirements as specified in 40 CFR 82, Subpart B, *Servicing of Motor Vehicle Air Conditioners*.

SECTION G - GENERAL PROVISIONS (CONTINUED)

9. Risk Management Provisions

   a. The permittee shall comply with all applicable requirements of 401 KAR Chapter 68, Chemical Accident Prevention, which incorporates by reference 40 CFR Part 68, Risk Management Plan provisions. If required, the permittee shall comply with the Risk Management Program and submit a Risk Management Plan to U.S. EPA using the RMP* eSubmit software.

   b. If requested, submit additional relevant information to the Division or the U.S. EPA.

SECTION H - ALTERNATE OPERATING SCENARIOS

N/A

SECTION I - COMPLIANCE SCHEDULE

N/A