**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:** | **Mouser Cabinetry, LLC** |
| **Mailing Address:** | **2112 N. Dixie Ave.**<br>**Elizabethtown, KY 42701** |
| **Source Name:** | **Mouser Cabinetry, LLC** |
| **Mailing Address:** | **2112 N. Dixie Ave.**<br>**Elizabethtown, KY 42701** |
| **Source Location:** | **2112 N. Dixie Ave.** |
| **Permit ID:** | **V-26-010** |
| **Agency Interest #:** | **35221** |
| **Activity ID:** | **APE20250001** |
| **Review Type:** | **Title V, Construction/Operating** |
| **Source ID:** | **21-093-00043** |
| **Regional Office:** | **Frankfort Regional Office**<br>**300 Sower Boulevard, 1st Floor**<br>**Frankfort, KY 40601**<br>**(502) 564-3358** |
| **County:** | **Hardin** |
| **Application Complete Date:** | **February 13, 2026** |
| **Issuance Date:** | |
| **Expiration Date:** | |

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

*Version 4/1/2022*

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| V-26-010 | Renewal | APE20250001 | 2/13/2026 | | 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 (001) Sanding/Woodworking**

**Description:**

Various woodworking equipment, process rate up to 600 board feet per hour
Control equipment: Pneumafil baghouses
Control efficiency: 99.96 percent
Construction date: 1989 - 1996

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

1. **Operating Limitations**:
The baghouse shall be in place and operated according to the manufacturer's specifications and recommendations at any time woodworking equipment is in use. [401 KAR 52:020, Section 10]

2. **Emission Limitations**:
   a. Opacity Standard. 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:**
      Refer to **4. Specific Monitoring Requirements b.** and **5. Specific Recordkeeping Requirements** c.for opacity compliance demonstration.

   b. Mass emission standard. 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 the quantity specified in 401 KAR 59:010, Appendix A. [401 KAR 59:010, Section 3(2)]
      (1) For process weight rates $\leq$ 1,000 lb/hour: E=2.34 lb/hr
      (2) For process weight rates 1,000 < P $\leq$ 60,000 lb/hour: $E=3.59P^{0.62}$

      **Compliance Demonstration Method:**
      The source is assumed to be in compliance when the baghouse is in place and properly maintained. Refer to **4. Specific Monitoring Requirements** and **5. Specific Recordkeeping Requirements**.

3. **Testing Requirements**:
Pursuant to 401 KAR 59:005, Section 2(2) and 401 KAR 50:045, Section 4, performance testing using the Reference Methods specified in 401 KAR 50:015 shall be conducted as required by the Division.

4. **Specific Monitoring Requirements**:
   a. The permittee shall install, calibrate, maintain and operate according to manufacturer's specifications a monitoring device (differential pressure gauges or manometers) to determine the pressure drop across the baghouse once a day during the operation of the woodworking equipment. A permanent label displaying the operating range established for each collector shall be posted next to the selected instrument. [401 KAR 52:020, Section 10]

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

b. 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 Reference Method 9. In lieu of determining the opacity using U.S. EPA 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]

**5. Specific Recordkeeping Requirements:**

a. The permittee shall maintain records of calibration of the monitoring device and a log of the pressure drop readings across the baghouse, including the date, and dates of filter/bag replacements. [401 KAR 52:020, Section 10]

b. The permittee shall keep the manufacturer's baghouse specifications on site. [401 KAR 52:020, Section 10]

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

d. Board feet of wood used for the process shall be recorded on monthly basis. [401 KAR 52:020, Section 10]

**6. Specific Reporting Requirements:**

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

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

**Emission Unit 19 (019) Shot Blast Machine**

**Description:**

Enclosed abrasive blasting machine
Abrasive media: Steel shot
Control equipment: Dust collector
Construction date: 2002

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

1. **Operating Limitations**:
The dust collector shall be in place and operated according to the manufacturer's specifications and recommendations at any time the shot blast machine is in use. [401 KAR 52:020, Section 10]

2. **Emission Limitations**:
   a. Opacity Standard. 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:**
      Refer to **4. Specific Monitoring Requirements b.** and **5. Specific Recordkeeping Requirements** b. for opacity compliance demonstration.

   b. Mass emission standard. 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 the quantity specified in 401 KAR 59:010, Appendix A. [401 KAR 59:010, Section 3(2)]
      (1) For process weight rates ≤ 1,000 lb/hour: $E=2.34$ lb/hr
      (2) For process weight rates 1,000 < P ≤ 60,000 lb/hour: $E=3.59P^{0.62}$

      **Compliance Demonstration Method:**
      The source is assumed to be in compliance when the dust collector is in place and properly maintained. Refer to **4. Specific Monitoring Requirements** and **5. Specific Recordkeeping Requirements**.

3. **Testing Requirements**:
Pursuant to 401 KAR 59:005, Section 2(2) and 401 KAR 50:045, Section 4, performance testing using the Reference Methods specified in 401 KAR 50:015 shall be conducted as required by the Division.

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

4. **Specific Monitoring Requirements:**
   a. The permittee shall perform a visual inspection of the dust collector on a weekly basis. [401 KAR 52:020, Section 10]

   b. 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 Reference Method 9. In lieu of determining the opacity using U.S. EPA 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]

5. **Specific Recordkeeping Requirements:**
   a. The permittee shall maintain a log of the weekly visual inspections performed on the dust collector, including the date, and dates of filter replacements. [401 KAR 52:020, Section 10]

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

   c. Amount of steel shot used for the process shall be recorded on monthly basis. [401 KAR 52:020, Section 10]

   d. The permittee shall keep the manufacturer's dust collector specifications on site. [401 KAR 52:020, Section 10]

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

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

**Emission Unit 02 (002) Stain Booth Offline**

**Description:**

Paint booth
Applicator: HVLP spray guns
Control equipment: Fiberglass filters
Control efficiency: 99.8 percent
Construction date: 1989

**Emission Unit 03 (003) Sealer Spray Booths**

**Description:**

Two (2) paint booths
Applicator: HVLP spray guns
Control equipment: Fiberglass filters
Control efficiency: 99.8 percent
Construction date: 1989

**Emission Unit 04 (004) Glaze Booth**

**Description:**

Paint booth
Applicator: HVLP spray guns
Control equipment: Fiberglass filters
Control efficiency: 99.8 percent
Construction date: 1989

**Emission Unit 05 (005) Topcoat Booth**

**Description:**

Paint booth
Applicator: HVLP spray guns
Control equipment: Fiberglass filters
Control efficiency: 99.8 percent
Construction date: 1989

**Emission Unit 06 (006) Match Sample Booth**

**Description:**

Paint booth
Applicator: HVLP spray guns
Control equipment: Fiberglass filters
Control efficiency: 99.8 percent
Construction date: 1989

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

**Emission Unit 08 (008) Laboratory Booth**

**Description:**

Laboratory Booth for color matching
Control equipment: None
Construction date: 1989

**Emission Unit 09 (009) Mainline Stain Booth**

**Description:**

Paint booth
Applicator: HVLP spray guns
Control equipment: Fiberglass filters
Control efficiency: 99.8 percent
Construction date: 1996

**Emission Unit 10 (010) Mainline Sealer Booths**

**Description:**

Two (2) paint booths
Applicator: HVLP spray guns
Control equipment: Fiberglass filters
Control efficiency: 99.8 percent
Construction date: 1996

**Emission Unit 11 (011) Mainline Glaze Booth**

**Description:**

Paint booth
Applicator: HVLP spray guns
Control equipment: Fiberglass filters
Control efficiency: 99.8 percent
Construction date: 1996

**Emission Unit 12 (012) Mainline Topcoat Booth**

**Description:**

Paint booth
Applicator: HVLP spray guns
Control equipment: Fiberglass filters
Control efficiency: 99.8 percent
Construction/Modification date: 1996/2014

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

**Emission Unit 22 (022) Pre-Prime Booth**

**Description:**

Paint booth
Applicator: HVLP spray guns
Control equipment: Fiberglass filters
Control efficiency: 99.8 percent
Construction date: 2008

**Emission Unit 23 (023) Rework/Tall Spray Booth**

**Description:**

Paint booth
Applicator: (2) HVLP spray guns
Control equipment: Fiberglass filters
Control efficiency: 99.8 percent
Construction date: 9/2016

**Emission Unit 24 (EP24) Adhesive Spray Booth**

**Description:**

Adhesive spray booth
Applicator: (1) HVLP spray gun
Control equipment: Fiberglass filters
Control efficiency: 99 percent
Construction date: 4/5/2021

**Emission Unit 25 (025) Pre-Prime Booth**

**Description:**

Paint booth
Applicator: HVLP spray guns & Air assisted airless guns
Control equipment: Fiberglass filters
Control efficiency: 99 percent
Construction date: Proposed 2026

**Emission Unit 26 (026) Rework Spray Booth**

**Description:**

Paint booth
Applicator: HVLP spray guns & Air assisted airless guns
Control equipment: Fiberglass filters
Control efficiency: 99 percent
Construction date: 2024

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

**APPLICABLE REGULATIONS:**
**401 KAR 50:012**, *General application*

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

**401 KAR 63:002, Section (z)**, 40 CFR 63.800 through 63.808, Tables 1 through 6 (Subpart JJ), *National Emission Standards for Wood Furniture Manufacturing Operations.*

**1. Operating Limitations:**

a. The filters shall be in place and operated according to the manufacturer's specifications and recommendations at any time a given spray booth is in use. [401 KAR 52:020, Section 10]

b. In the absence of a VOC standard specified in 401 KAR, all major air contaminant sources shall as a minimum apply control procedures that are reasonable, available, and practical. [401 KAR 50:012, Section 1(2)]

**Compliance Demonstration Method:**
Compliance is assumed when the facility is in compliance with NESHAP 40 CFR 63, Subpart JJ.

**2. Emission Limitations:**

a. Refer to Section D for the source-wide VOC emission limitation.

b. Opacity Standard. 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:**
Refer to **4. Specific Monitoring Requirements b.** and **5. Specific Recordkeeping Requirements c.** for opacity compliance demonstration.

c. Mass emission standard. 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 the quantity specified in 401 KAR 59:010, Appendix A. [401 KAR 59:010, Section 3(2)]
  (1) For process weight rates $\leq$ 1,000 lb/hour: $E=2.34$ lb/hr
  (2) For process weight rates $1{,}000 < P \leq 60{,}000$ lb/hour: $E=3.59P^{0.62}$

**Compliance Demonstration Method:**
The source is assumed to be in compliance when the fiberglass filters are in place and properly maintained. Refer to **4. Specific Monitoring Requirements** and **5. Specific Recordkeeping Requirements**.

**3. Testing Requirements:**
Pursuant to 401 KAR 59:005, Section 2(2) and 401 KAR 50:045, Section 4, performance testing using the Reference Methods specified in 401 KAR 50:015 shall be conducted as required by the Division.

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

**4. Specific Monitoring Requirements:**

a. The permittee shall install, maintain and operate according to manufacturer's specifications a monitoring device (differential pressure gauges or manometers) to determine the pressure drop across the fiberglass filters once a day during the operation of the spray booth. A permanent label displaying the operating range established for each collector shall be posted next to the selected instrument. [401 KAR 52:020, Section 10]

b. 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 Reference Method 9. In lieu of determining the opacity using U.S. EPA 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]

c. The permittee shall monitor the monthly and 12-month rolling total VOC emissions. [401 KAR 52:020, Section 10]

**5. Specific Recordkeeping Requirements:**

a. The permittee shall maintain a log of the pressure drop readings across the particulate filters, including the date, the dates of filters, replacements. For any booth that is not in operation on a given date, this fact should also be noted. [401 KAR 52:020, Section 10]

b. The permittee shall keep the manufacturer's filter specifications on site. [401 KAR 52:020, Section 10]

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

d. Monthly records shall be kept of all top coats, glazes, stains, sealers, thinners, and clean-up solutions used, including the type, amount, VOC content by weight percent, less any water and/or exempt solvent. [401 KAR 52:020, Section 10]

e. At the end of each month, VOC emissions shall be calculated per Section D of this permit, and every month, a new 12-month rolling total for VOC emissions shall be calculated. [401 KAR 52:020, Section 10]

**6. Specific Reporting Requirements:**

a. Any deviations from the requirements of section B shall be reported. [401 KAR 52:020, Section 10]

b. The VOC emission calculation for each month in the semi-annual period shall be reported. [401 KAR 52:020, Section 10]

c. The 12-month rolling total for VOC emissions during each month in the semi-annual period shall be reported. [401 KAR 52:020, Section 10]

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

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

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

**MACT Requirements:**

| | | |
|---|---|---|
| **Emission Unit 02** | **(002)** | **Stain Booth Offline** |
| **Emission Unit 03** | **(003)** | **Sealer Spray Booths** |
| **Emission Unit 04** | **(004)** | **Glaze Booth** |
| **Emission Unit 05** | **(005)** | **Topcoat Booth** |
| **Emission Unit 06** | **(006)** | **Match Sample Booth** |
| **Emission Unit 08** | **(008)** | **Laboratory Booth** |
| **Emission Unit 09** | **(009)** | **Mainline Stain Booth** |
| **Emission Unit 10** | **(010)** | **Mainline Sealer Booths** |
| **Emission Unit 11** | **(011)** | **Mainline Glaze Booth** |
| **Emission Unit 12** | **(012)** | **Mainline Topcoat Booth** |
| **Emission Unit 22** | **(022)** | **Pre-Prime Booth** |
| **Emission Unit 23** | **(023)** | **Rework/Tall Spray Booth** |
| **Emission Unit 24** | **(EP24)** | **Adhesive Spray Booth** |
| **Emission Unit 25** | **(025)** | **Pre-Prime Booth** |
| **Emission Unit 26** | **(026)** | **Rework Spray Booth** |

**APPLICABLE REGULATION:**
**401 KAR 63:002, Section (z)**, 40 CFR 63.800 through 63.808, Tables 1 through 6 (Subpart JJ), *National Emission Standards for Wood Furniture Manufacturing Operations*

1. **Operating Limitations:**
   The materials used in affected facilities shall not exceed the limitations as described in Section B.2. for VHAP content across all coatings and VOC content for strippable materials. [401 KAR 52:020, Section 10]

2. **Emission Limitations:**

   **From Table 3 to Subpart JJ [40 CFR 63.802(a)(1) and (b)(1)]**

| **Emission point** | **Existing source (EU 02-06 & 08)** | **New source (EU 09-12 & EU 22-26)** |
|---|---|---|
| Achieve a weighted average VHAP content across all coatings maximum lb VHAP/lb solids, as applied | 1.0 | 0.8 |
| Strippable spray booth material (maximum VOC content, lb VOC/lb solids) | 0.8 | 0.8 |

   **Compliance Demonstration Method:**
   The permittee shall calculate the average VHAP content for all finishing materials used at the facility using Equation 1, and maintain a value of E not equal or exceeding the values in the above table.

   $E=(M_{c1}C_{c1}+ M_{c2}C_{c2}+ * * * + M_{cn}C_{cn}+ S_1W_1+ S_2W_2+ * * * S_nW_n)/(M_{c1}+ M_{c2}+ * * * + M_{cn})$ Equation 1
   E= the emission limit achieved by a set of emission points, in lb VHAP/lb solids.
   $M_c$= the mass of solids in finishing material used monthly, lb solids/month.

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

$C_c$= the VHAP content of a finishing material (c), in pounds of volatile hazardous air pollutants per pound of coating solids (lb VHAP/lb solids) as supplied.
S= the VHAP content of a solvent, expressed as weight fraction, added to finishing materials.
W= the amount of solvent in pounds, added to finishing materials during the monthly averaging period.

3. **Testing Requirements**:
   a. The EPA Method 311 of appendix A of part 63 shall be used in conjunction with formulation data to determine the VHAP content of the liquid coating. Formulation data shall be used to identify VHAP present in the coating. The EPA Method 311 shall then be used to quantify those VHAP identified through formulation data. The EPA Method 311 shall not be used to quantify HAP such as styrene and formaldehyde that are emitted during the cure. The EPA Method 24 (40 CFR part 60, appendix A) shall be used to determine the solids content by weight and the density of coatings. [40 CFR 63.805(a)(1)]

   b. Performance tests shall be conducted under such conditions as the Administrator specifies to the owner or operator based on representative performance of the affected source for the period being tested. Upon request, the owner or operator shall make available to the Administrator such records as may be necessary to determine the conditions of performance tests.

4. **Specific Monitoring Requirements**:
   a. *Work practice implementation plan.* [40 CFR 63.803(a)]
      (1) The permittee shall prepare and maintain a written work practice implementation plan that defines environmentally desirable work practices for each wood furniture operation manufacturing operation and addresses each of the work practice standards presented in 40 CFR 63.803(b) through (l). The plan shall be developed no more than 60 days after the compliance date. [40 CFR 63.803(a)(1)]
      (2) The written work practice implementation plan shall be available for inspection by the Administrator (or delegated State, local, or Tribal authority) upon request. If the Administrator (or delegated State, local, or Tribal authority) determines that the work practice implementation plan does not include sufficient mechanisms for ensuring that the work practice standards are being implemented, the Administrator (or delegated State, local, or Tribal authority) may require the affected source to modify the plan. Revisions or modifications to the plan do not require a revision of the source's Title V permit; and [40 CFR 63.803(a)(2)]
      (3) The inspection and maintenance plan required by 40 CFR 63.803(c) and the formulation assessment plan for finishing operations required by 40 CFR 63.803(l) are also reviewable by the Administrator. [40 CFR 63.803(a)(3)]

   b. *Operator training course.* The permittee shall train all new and existing personnel, including contract personnel, who are involved in finishing, gluing, cleaning, and washoff operations, use of manufacturing equipment, or implementation of the requirements of this subpart. All new personnel, those hired after the compliance date of the standard, shall be trained upon hiring. All existing personnel, those hired before the compliance date of the standard, shall be trained within six months of the compliance date of the standard. All

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

personnel shall be given refresher training annually. The affected source shall maintain a copy of the training program with the work practice implementation plan. The training program shall include, at a minimum, the following: [40 CFR 63.803(b)]

(1) A list of all current personnel by name and job description that are required to be trained; [40 CFR 63.803(b)(1)]
(2) An outline of the subjects to be covered in the initial and refresher training for each position or group of personnel; [40 CFR 63.803(b)(2)]
(3) Lesson plans for courses to be given at the initial and the annual refresher training that include, at a minimum, appropriate application techniques, appropriate cleaning and washoff procedures, appropriate equipment setup and adjustment to minimize finishing material usage and overspray, and appropriate management of cleanup wastes; and [40 CFR 63.803(b)(3)]
(4) A description of the methods to be used at the completion of initial or refresher training to demonstrate and document successful completion. [40 CFR 63.803(b)(4)]

c. *Inspection and maintenance plan.* The permittee shall maintain a written leak inspection and maintenance plan that specifies: [40 CFR 63.803(c)]
   (1) A minimum visual inspection frequency of once per month for all equipment used to transfer or apply coatings, adhesives, or organic HAP solvents; [40 CFR 63.803(c)(1)]
   (2) An inspection schedule; [40 CFR 63.803(c)(2)]
   (3) Methods for documenting the date and results of each inspection and any repairs that were made; and [40 CFR 63.803(c)(3)]
   (4) The timeframe between identifying the leak and making the repair, which adheres, at a minimum, to the following schedule: [40 CFR 63.803(c)(4)]
      (i) A first attempt at repair (e.g., tightening of packing glands) shall be made no later than five calendar days after the leak is detected; and
      (ii) Final repairs shall be made within 15 calendar days after the leak is detected, unless the leaking equipment is to be replaced by a new purchase, in which case repairs shall be completed within three months.

d. *Cleaning and washoff solvent accounting system.* The permittee shall maintain an organic HAP solvent accounting form to record: [40 CFR 63.803(d)]
   (1) The quantity and type of organic HAP solvent used each month for washoff and cleaning; [40 CFR 63.803(d)(1)]
   (2) The number of pieces washed off, and the reason for the washoff; and [40 CFR 63.803(d)(2)]
   (3) The quantity of spent organic HAP solvent generated from each washoff and cleaning operation each month, and whether it is recycled onsite or disposed offsite. [40 CFR 63.803(d)(3)]

e. *Chemical composition of cleaning and washoff solvents.* The permittee shall not use cleaning or washoff solvents that contain any of the pollutants listed in Table 4 to this subpart, in concentrations subject to MSDS reporting as required by OSHA. [40 CFR 63.803(e)]

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

f. *Spray booth cleaning.* The permittee shall not use compounds containing more than 8.0 percent by weight of VOC for cleaning spray booth components other than conveyors, continuous coaters and their enclosures, or metal filters, or plastic filters unless the spray booth is being refurbished. If the spray booth is being refurbished, that is the spray booth coating or other protective material used to cover the booth is being replaced, the affected source shall use no more than 1.0 gallon of organic HAP solvent per booth to prepare the surface of the booth prior to applying the booth coating. [40 CFR 63.803(f)]

g. *Storage requirements.* The permittee shall use normally closed containers for storing finishing, gluing, cleaning, and washoff materials. [40 CFR 63.803(g)]

h. *Application equipment requirements.* The permittee shall not use conventional air spray guns except when all emissions from the finishing application station are routed to a functioning control device. [40 CFR 63.803(h)]

i. *Line cleaning.* The permittee shall pump or drain all organic HAP solvent used for line cleaning into a normally closed container. [40 CFR 63.803(i)]

j. *Gun cleaning.* The permittee shall collect all organic HAP solvent used to clean spray guns into a normally closed container. [40 CFR 63.803(j)]

k. *Washoff operations.* The permittee shall control emissions from washoff operations by: [40 CFR 63.803(k)]
   (1) Using normally closed tanks for washoff; and [40 CFR 63.803(k)(1)]
   (2) Minimizing dripping by tilting or rotating the part to drain as much solvent as possible. [40 CFR 63.803(k)(2)]

l. *Formulation assessment plan for finishing operations.* The permittee shall maintain a formulation assessment plan per 40 CFR 63.803(l)(1) through (3): [40 CFR 63.803(l)]
   (1) Identifies VHAP from the list presented in Table 5 of Subpart JJ that are being used in finishing operations. [40 CFR 63.803(l)(1)
   (2) Establishes a baseline level of usage by the affected source, for each VHAP identified above. The baseline usage level shall be the highest annual usage from 1994, 1995, or 1996, for each VHAP identified above. For formaldehyde, the baseline level of usage shall be based on the amount of free formaldehyde present in the finishing material when it is applied. For styrene, the baseline level of usage shall be an estimate of unreacted styrene, which shall be calculated by multiplying the amount of styrene monomer in the finishing material, when it is applied, by a factor of 0.16. Sources using a control device to reduce emissions may adjust their usage based on the overall control efficiency of the control system, which is determined using the equation in 40 CFR 63.805(d) or (e). [40 CFR 63.803(l)(2)]
   (3) Tracks the annual usage of each VHAP identified by the affected source that is present in amounts subject to MSDS reporting as required by OSHA. [40 CFR 63.803(l)(3)]

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

5. **Specific Record Keeping Requirements:**
   a. The permittee shall maintain records of the following: [40 CFR 63.806(b)]
      (1) A certified product data sheet for each finishing material, thinner, and strippable spray booth coating. [40 CFR 63.806(b)(1)]
      (2) The VHAP content, in lb VHAP/lb solids, as applied, of each finishing material. [40 CFR 63.806(b)(2)]
      (3) The VOC content, in lb VOC/lb solids, as applied, of each strippable booth. [40 CFR 63.806(b)(1)]

   b. The permittee shall maintain copies of the averaging calculation for each month the quantity of coatings and thinners used that is necessary to support the calculation of E in Equation 1. [40 CFR 63.806(c)]

   c. The permittee shall maintain onsite the work practice implementation plan and all records associated with fulfilling the requirements of that plan. [40 CFR 63.806(e)]

   d. The permittee shall maintain records of the compliance certifications submitted for each semiannual period following the compliance date. [40 CFR 63.806(h)]

6. **Specific Reporting Requirements:**
   a. Compliance Certification reports shall be submitted semi-annually. These reports shall be certified by a responsible official, and delivered by electronic media (such as fax or e-mail) or postmarked to the Division's Frankfort Regional Office within thirty days following the end of each semi-annual period. The semi-annual reports are due prior to January 30th and July 30th of each year. These reports may also be delivered by courier as long as the reports are stamped received as indicated above. The certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the documents are true, accurate, and complete. [401 KAR 52:020, Section 10]

   b. The semiannual reports shall include the information required by 40 CFR 63.804(g)(1), a statement of whether the affected source was in compliance or noncompliance, and, if the affected source was in noncompliance, the measures taken to bring the affected source into compliance. If there was a malfunction during the reporting period, the report shall also include the number, duration and a brief description for each type of malfunction which occurred during the reporting period and which caused or may have caused any applicable emission limitation to be exceeded. The report must also include a description of actions taken by an owner or operator during a malfunction of an affected source to minimize emissions in accordance with 40 CFR 63.802(c), including actions taken to correct a malfunction. [40 CFR 63.807(c)]

   c. The owner or operator of an affected source subject to this subpart shall fulfill all reporting requirements of 40 CFR 63.7 through 40 CFR 63.10 of subpart A (General Provisions) according to the applicability criteria in 40 CFR 63.800(d). [40 CFR 63.807(a)]

   d. If the permittee is required to provide a written notification under 40 CFR 63.803(l)(4), the permittee shall include in the notification one or more statements that explains the reasons for the usage increase (if any). The notification shall be submitted no later than 30 calendar days after the end of the annual period in which the usage increase occurred. [40 CFR

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

63.807(e)]

e. For EU 25 the permittee shall submit an initial compliance status report no later than 60 days after startup to include the results of the averaging equation (Equation 1) for the first month. The first month’s calculation shall include data for the entire month in which the compliance date falls. [40 CFR 63.807(b)]

**7. Specific Control Equipment Operating Conditions:**
None

## 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. (EU 14) Weil-McLein natural gas-fired boiler 0.175 mmBtu/hour heat input, Installed: 1989 | 401 KAR 63:020 |
| 2. (EU 15) 41 space heaters @ 0.08 mmBTU/hr each (3.3 mmBtu/hr total) natural gas-fired Installed: 1989-1996 | 401 KAR 63:020 |
| 3. (EU 18) Line #2 Two Bake Ovens Natural gas-fired 1 mmBTU/hr and 0.5 mmBtu/hr, Installed: 2002 | 401 KAR 63:020 |
| 4. (EU 20) Wood Chipper, 3,000 lb/hr Installed: 2009 | 401 KAR 59:010 |
| 5. (EU 21) Solvent Reclamation, 37-gallon reservoir Installed: 2022 | NA |
| 6. Emission Unit 07 (07) Line #1 Bake Oven 4.7 MMBtu/hr., Natural gas Construction date: 1989 | 401 KAR 63:020 |
| 7. Emission Unit 13 (13) Line #2 (2) Bake Ovens 2.5 MMBtu/hr. each, Natural gas Construction date: 1996 (both) | 401 KAR 63:020 |
| 8. Emission Unit 16 (16) Make up Air Heater 6.0 MMBtu/hr., Natural gas Construction date: 1989 | 401 KAR 63:020 |
| 9. Emission Unit 17 (17) Make up Air Heater 18.0 MMBtu/hr., Natural gas Construction date: 1996 | 401 KAR 63:020 |

## 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. VOC and PM emissions and opacity, 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.

   a. Source wide VOC emissions shall not exceed two hundred and twenty five tons (225) tons during any consecutive twelve (12) months period. [To preclude 401 KAR 51:017]

   **Compliance Demonstration Method for VOC:**
   Monthly VOC emissions = ∑ [Monthly usage of each coating, solvent, thinner, or any other VOC containing material in pounds or gallons per month] x [VOC fraction] x [appropriate conversion factor (if usage is in gallons) for gallons to pounds for each coating, solvent thinner, or any other VOC containing material used]

   \+ ∑ [Million cubic feet of natural gas burned in each unit] x [5.5 lb VOC/million cubic feet Natural gas]

   \+ ∑ VOC emissions from other insignificant activities, if applicable.

   b. Compliance with annual limits is based on a 12 month rolling total. Emissions shall be calculated on a monthly basis and shall be added to previous eleven months emissions to get a total of actual emissions for each consecutive twelve (12) month period.

## 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.
   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

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

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 | U.S. EPA Region 4 |
| Frankfort Regional Office | Air Enforcement Branch |
| 300 Sower Blvd, 1st Floor | Atlanta Federal Center |
| Frankfort, KY 40601 | 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].

## SECTION G - GENERAL PROVISIONS (CONTINUED)

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)].

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

Pursuant to a duly submitted application the Kentucky Division for Air Quality hereby authorizes the construction of the equipment described herein, emission unit 25 in accordance with the terms and conditions of this permit (V-26-010).

## SECTION G - GENERAL PROVISIONS (CONTINUED)

a. Construction of any process and/or air pollution control equipment authorized by this permit shall be conducted and completed only in compliance with the conditions of this permit.

b. Within thirty (30) days following commencement of construction and within fifteen (15) days following start-up and attainment of the maximum production rate specified in the permit application, or within fifteen (15) days following the issuance date of this permit, whichever is later, the permittee shall furnish to the Regional Office listed on the front of this permit in writing, notification of the following:
(1) The date when construction commenced.
(2) The date of start-up of the affected facilities listed in this permit.
(3) The date when the maximum production rate specified in the permit application was achieved.

c. Pursuant to 401 KAR 52:020, Section 3(2), unless construction is commenced within eighteen (18) months after the permit is issued, or begins but is discontinued for a period of eighteen (18) months or is not completed within a reasonable timeframe then the construction and operating authority granted by this permit for those affected facilities for which construction was not completed shall immediately become invalid. Upon written request, the Cabinet may extend these time periods if the source shows good cause.

d. Pursuant to 401 KAR 50:055, Section 2(1)(a), an owner or operator of any affected facility subject to any standard within the administrative regulations of the Division for Air Quality shall–demonstrate compliance with the applicable standard(s) within sixty (60) days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial start-up of such facility. Pursuant to 401 KAR 52:020, Section 3(3)(c), sources that have not demonstrated compliance within the timeframes prescribed in 401 KAR 50:055, Section 2(1)(a), shall operate the affected facility only for purposes of demonstrating compliance unless authorized under an approved compliance plan or an order of the cabinet.

e. This permit shall allow time for the initial start-up, operation, and compliance demonstration of the affected facilities listed herein. However, within sixty (60) days after achieving the maximum production rate at which the affected facilities will be operated but not later than 180 days after initial start-up of such facilities, the permittee shall conduct a performance demonstration on the affected facilities in accordance with 401 KAR 50:055, General compliance requirements. Testing must also be conducted in accordance with General Provisions G.5 of this permit.

f. Terms and conditions in this permit established pursuant to the construction authority of 401 KAR 51:017 or 401 KAR 51:052 shall not expire.

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)

## SECTION G - GENERAL PROVISIONS (CONTINUED)

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;
(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.

## SECTION G - GENERAL PROVISIONS (CONTINUED)

(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*.

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