

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

**Draft**

**AIR QUALITY PERMIT  
Issued under 401 KAR 52:030**

**Permittee Name:** Felker Brothers Corporation  
**Mailing Address:** 125 Beaver Trail Road  
Glasgow, KY 42141

**Source Name:** Felker Brothers Corporation  
**Mailing Address:** 125 Beaver Trail Road  
Glasgow, KY 42141

**Source Location:** Same as above

**Permit ID:** F-24-037  
**Agency Interest #:** 71  
**Activity ID:** APE20240001  
**Review Type:** Conditional Major, Operating  
**Source ID:** 21-009-00064

**Regional Office:** Bowling Green Regional Office  
2642 Russellville Road  
Bowling Green, KY 42101  
(270) 746-7475

**County:** Barren

**Application  
Complete Date:** March 15, 2024  
**Issuance Date:**  
**Expiration Date:**

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**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  |
|----------|-------------|-------------|---------------|---------------|--|
| F-24-037 | Renewal     | APE20240001 | 3/15/2024     |               | Permit Renewal; revised HF emission factor; revised emissions calculations for EP03; added a 7,200 gal clean rinse tank to EP01. |

## **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 has been 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 52:030, Federally-enforceable permits for non-major sources.

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

### EP 01 (T-2, T-3) Acid Pickling Tank, Immersion Rinse Tanks

**Description:** One 12,193 gallon HF/HNO<sub>3</sub> pickling tank, one 6,000 gallon rinse tank, and one 7,200 gallon clean rinse tank.

Maximum capacity: 14.5 tons per hour of steel tube/pipe  
 Construction commenced: December 1993; replaced Acid Pickling Tank in 2021  
 Control Equipment: One (1) ESCO Plate Scrubber; construction date: 2000  
 One (1) C&E Custom Scrubber; construction date: 2006

#### **APPLICABLE REGULATIONS:**

**401 KAR 53:010**, *Ambient air quality standards*

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

#### **1. Operating Limitations:**

- a. The permittee shall calibrate the Luova Acid Manager unit at least annually for the measurement of F<sup>-</sup> ion concentration in the pickling tank, the value of which is assumed to be equal to the HF concentration in the pickling tank for emission calculations. [401 KAR 52:030, Section 10]

##### **Compliance Demonstration Method:**

The permittee shall calibrate the unit according to the manufacturer's recommendations. Refer to **5. Specific Recordkeeping Requirements** (d) and **6. Specific Reporting Requirements** (a).

- b. The permittee shall restrict production to 23,808.31 tons of pipe and tube produced per year on a rolling 12-month basis. [401 KAR 53:010]

##### **Compliance Demonstration Method:**

Refer to **4. Specific Monitoring Requirements** and **5. Specific Recordkeeping Requirements**.

#### **2. Emission Limitations:**

- a. The permittee shall not 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)(a)]

##### **Compliance Demonstration Method:**

Refer to **4. Specific Monitoring Requirements** (b) and **5. Specific Recordkeeping Requirements** (b).

- b. For emissions from a control device or stack, the permittee shall not 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)]
  - i. For process weight rates up to 0.5 ton/hr:  $E = 2.34$
  - ii. For process weight rates up to 30 ton/hr:  $E = 3.59P^{0.62}$

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

iii. For process weight rates in excess of 30 ton/hr:  $E = 17.31P^{0.16}$

Where E is the rate of emission in lb/hr and P is the process weight rate in tons/hr.

### Compliance Demonstration Method:

To demonstrate compliance with the particulate matter emission limitations specified in 401 KAR 59:010, the permittee shall monitor the amounts and types of process weight added to each emission unit. The process weight rate shall be determined by using the tons of material added to each emissions unit in a calendar month divided by the total hours the unit operated that month. The average particulate emissions shall be calculated as follows:

$$PE = \left( \frac{PW \times EF^*}{H} \right) \times (1 - CE)$$

Where:

$PE$  = particulate emissions in lb/hr;

$PW$  = process weight in tons/month;

$EF$  = particulate emission factor in lb/tons of process weight;

\* The particulate emission factor shall be the number determined from AP-42, SDSs, the most recent Division approved stack test, or Division approved value.

$H$  = total hours of operation in a month; and

$CE$  = Control efficiency

c. Refer to **SECTION D (3)** for source-wide emission limitations. [401 KAR 53:010]

### 3. Testing Requirements:

- a. The permittee shall conduct a performance test no later than December 31, 2025 for HF on the scrubber associated with the pickling tank using Method 26A, or an alternate method as approved by the Division, to determine an emission factor for HF, in units of pounds per ton of pipe or tube processed. The emission factor will be used to demonstrate compliance with the 0.7 tons per year emission limit (401 KAR 53:010). The permittee shall record the concentration of F<sup>-</sup> ions in the tank at the time of the test as recorded through the Luova Acid Manager unit following completion of the calibration required by **1. Operating Limitations (a)**, the value of which is assumed to be equal to the HF concentration in the pickling tank for emission calculations. Each performance test shall consist of three (3) separate one (1) hour test runs. [401 KAR 52:030, Section 10]
- b. Pursuant to 401 KAR 59:005, Section 2(2) and 401 KAR 50:045, Section 1, performance testing using the Reference Methods specified in 401 KAR 50:015 shall be conducted if required by the Cabinet.

### 4. Specific Monitoring Requirements:

- a. The permittee shall monitor the following: [401 KAR 52:030, Section 10]
  - i. The amounts of HF added to the pickling tank;
  - ii. The monthly and 12-month rolling total of pipe and tube produced; and
  - iii. The monthly total hours of operation.
- b. The permittee shall perform a qualitative visual observation of the opacity of emissions from the stack once per calendar month while the affected facility is operating. If visible

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

emissions from the stack are observed (not including condensed water in the plume), then 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 52:030, Section 10]

- c. The permittee shall calculate monthly and 12-month rolling emissions of HF to ensure compliance with the source-wide emission limitations listed in **SECTION D (3)**. [401 KAR 52:030, Section 10]
- d. Refer to **SECTION F** for general monitoring requirements.

**5. Specific Recordkeeping Requirements:**

- a. The permittee shall maintain records of the following: [401 KAR 52:030, Section 10]
  - i. The amounts of HF added to the pickling tanks;
  - ii. The monthly and 12-month rolling total of pipe and tube produced;
  - iii. The monthly total hours of operation; and
  - iv. SDSs for all materials used.
- b. The permittee shall retain records of the qualitative visual observations required by **4. Specific Monitoring Requirements (b)**, including the date, time, initials of observer, whether any emissions were observed (yes/no), any Method 9 readings taken, and any corrective action taken including results due to observed emissions. [401 KAR 52:030, Section 10]
- c. The permittee shall maintain records of the control device maintenance activities. [401 KAR 52:030, Section 10]
- d. The permittee shall maintain records of the date, time, methodology, and results of the annual calibration required by **1. Operating Limitations (a)**. [401 KAR 52:030, Section 10]
- e. The permittee shall keep records of monthly and 12-month rolling emissions of HF to ensure compliance with the source-wide emission limitations listed in **SECTION D (3)**. [401 KAR 52:030, Section 10]
- f. Refer to **SECTION F** for general recordkeeping requirements.

**6. Specific Reporting Requirements:**

- a. The permittee shall include in the annual report the date, time, methodology, and results of the annual calibration required by **1. Operating Limitations (a)**, as well as a statement verifying that the calibration has been conducted according to the manufacturer's recommendations.
- b. The permittee shall include in the annual report the monthly production rates of pipe and tube, as recorded in **5. Specific Recordkeeping Requirements (a)**, as well as the rolling 12-month total of HF emissions for each month, as calculated using the emission factor

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

determined in **3. Testing Requirements.**

- c. The permittee shall include in the annual report records of scrubber monitoring parameters maintained according to **7. Specific Control Equipment Operating Conditions.**
- d. Refer to **SECTION F** for general reporting requirements.

**7. Specific Control Equipment Operating Conditions:**

- a. The permittee shall install, operate and maintain all control device(s) associated with each emission point according to the manufacturer's specifications and during all times that the associated emission point is operating. [401 KAR 52:030, Section 10]
- b. The permittee shall install, calibrate, maintain and operate according to manufacturer's specification, a monitoring device (differential pressure gauge or manometer) to determine the pressure drop across each scrubber once a day during the operation of the unit. [401 KAR 52:030, Section 10]
- c. The permittee shall inspect the scrubber on a weekly basis and shall record the observation in a monthly log. [401 KAR 52:030, Section 10]
- d. The permittee shall determine liquid flow through the scrubber in gallons per minute once per day during the operation of the unit. [401 KAR 52:030, Section 10]
- e. Refer to **SECTION E.**

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

### EP 03 (05) Sawing (Five Cut-off Saws)

**Description:** There are total five (5) individual Cut-off saws (four traditional saws and one plasma cutter) that cut the stainless steel pipes to desired length.

Total Maximum Capacity: 4.33 tons of stainless steel pipes/hr

Construction Commenced: June 4, 1996

Control Equipment: Dust Collector and Enclosure

#### **APPLICABLE REGULATION:**

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

#### **STATE-ORIGIN REQUIREMENT:**

**401 KAR 63:020**, *Potentially hazardous matter or toxic substances.*

#### **1. Operating Limitations:**

The permittee shall operate and maintain control device(s) according to manufacturer's specification at all times when the corresponding emission unit is in operation. [401 KAR 63:020 and to preclude 401 KAR 52:020]

#### **2. Emission Limitations:**

a. The permittee shall not 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)(a)]

#### **Compliance Demonstration Method:**

Refer to **4. Specific Monitoring Requirements (b)** and **5. Specific Recordkeeping Requirements (b)**.

b. For emissions from a control device or stack, the permittee shall not cause, suffer, allow or permit the emission into the open air of particulate matter from any affected facility which from any affected facility which is specified in 401 KAR 59:010, Appendix A: [401 KAR 59:010, Section 3(2)]

i. For process weight rates up to 0.5 ton/hr:  $E = 2.34$

ii. For process weight rates up to 30 ton/hr:  $E = 3.59P^{0.62}$

Where E is the rate of emission in lb/hr and P is the process weight rate in tons/hr.

#### **Compliance Demonstration Method:**

To demonstrate compliance with the particulate matter emission limitations specified in 401 KAR 59:010, the permittee shall monitor the amounts and types of process weight added to each emission unit. The process weight rate shall be determined by using the tons of material added to each emissions unit in a calendar month divided by the total hours the unit operated that month. The average particulate emissions shall be calculated as follows:



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

$$PE = \left( \frac{PW \times EF^*}{H} \right) \times (1 - CE)$$

Where:

*PE* = particulate emissions in lb/hr;

*PW* = process weight in tons/month;

*EF* = particulate emission factor in lb/tons of process weight;

\* The particulate emission factor shall be the number determined from AP-42, SDSs, the most recent Division approved stack test, or Division approved value.

*H* = total hours of operation in a month; and

*CE* = Control efficiency

- c. The permittee shall not allow any affected facility to emit potentially hazardous matter or toxic substances in such quantities or duration as to be harmful to the health and welfare of humans, animals and plants. [401 KAR 63:020, Section 3]

**Compliance Demonstration Method:**

The Cabinet determines that the source is in compliance with 401 KAR 63:020 based on the rate of emissions of airborne toxics determined by the Cabinet using information provided in the application and any supplemental information submitted by the source.

- d. Refer to **SECTION D (4) and (6)** for source-wide emission limitations. [401 KAR 63:020 and to preclude 401 KAR 52:020]

**3. Testing Requirements:**

Pursuant to 401 KAR 59:005, Section 2(2) and 401 KAR 50:045, Section 1, performance testing using the Reference Methods specified in 401 KAR 50:015 shall be conducted if required by the Cabinet.

**4. Specific Monitoring Requirements:**

- a. The permittee shall monitor the following: [401 KAR 52:030, Section 10]
- i. The monthly and 12-month rolling amounts of all the material (pipes and tubes) processed; and
  - ii. The total hours of operation on a monthly basis; and
- b. The permittee shall perform a qualitative visual observation of the opacity of emissions from the stack once per calendar month while the affected facility is operating. If visible emissions from the stack are observed (not including condensed water in the plume), then 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 52:030, Section 10]
- c. The permittee shall visually inspect dust collectors on a weekly basis and change filters as required by the manufacturer's recommendations. [401 KAR 52:030, Section 10]
- d. Refer to **SECTION F** for general monitoring requirements.

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

**5. Specific Recordkeeping Requirements:**

- a. The permittee shall maintain records of the following: [401 KAR 52:030, Section 10]
  - i. The monthly and 12-month rolling amounts of all the material (pipes and tubes) processed;
  - ii. The total hours of operation on a monthly basis; and
  - iii. SDSs for all materials used.
- b. The permittee shall retain records of the qualitative visual observations required by **4. Specific Monitoring Requirements (b)**, including the date, time, initials of observer, whether any emissions were observed (yes/no), any Method 9 readings taken, and any corrective action taken including results due to observed emissions. [401 KAR 52:030, Section 10]
- c. The permittee shall maintain records of all control device maintenance activities. [401 KAR 52:030, Section 10]
- d. The permittee shall maintain records of the dust collector weekly inspection. [401 KAR 52:030, Section 10]
- e. Refer to **SECTION F** for general recordkeeping requirements.

**6. Specific Reporting Requirements:**

Refer to **SECTION F** for general reporting requirements.

**7. Specific Control Equipment Operating Conditions:**

- a. The facility shall operate and maintain all control device equipment for each emission unit according to the manufacturer's recommendations and during all times that the associated emission unit is operating. [401 KAR 52:030, Section 10]
- b. Refer to **SECTION E**.

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

EP 04 (05)

Pipe Mill Welding 1-5

**Description:** There are total five (5) individual welding lines.

Total Maximum Capacity: 4.33 tons of stainless steel pipe/hr  
 Construction commenced: June 4, 1996  
 Control Equipment: Enclosure

### **APPLICABLE REGULATION:**

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

### **STATE-ORIGIN REQUIREMENT:**

**401 KAR 63:020**, *Potentially hazardous matter or toxic substances*

#### **1. Operating Limitations:**

N/A

#### **2. Emission Limitations:**

- a. The permittee shall not 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)(a)]

#### **Compliance Demonstration Method:**

Refer to **4. Specific Monitoring Requirements (b)** and **5. Specific Recordkeeping Requirements (b)**.

- b. For emissions from a control device or stack, the permittee shall not cause, suffer, allow or permit the emission into the open air of particulate matter from any affected facility which is specified in 401 KAR 59:010, Appendix A: [401 KAR 59:010, Section 3(2)]
  - i. For process weight rates up to 0.5 ton/hr:  $E = 2.34$
  - ii. For process weight rates up to 30 ton/hr:  $E = 3.59P^{0.62}$

Where E is the rate of emission in lb/hr and P is the process weight rate in tons/hr.

#### **Compliance Demonstration Method:**

To demonstrate compliance with the particulate matter emission limitations specified in 401 KAR 59:010, the permittee shall monitor the amounts and types of process weight added to each emission unit. The process weight rate shall be determined by using the tons of material added to each emissions unit in a calendar month divided by the total hours the unit operated that month. The average particulate emissions shall be calculated as follows:

$$PE = \left( \frac{PW \times EF^*}{H} \right) \times (1 - CE)$$

Where:

PE = particulate emissions in lb/hr;

PW = process weight in tons/month;

EF = particulate emission factor in lb/tons of process weight;

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

\* The particulate emission factor shall be the number determined from AP-42, SDSs, the most recent Division approved stack test, or Division approved value.

$H$  = total hours of operation in a month; and

$CE$  = Control efficiency

- c. The permittee shall not allow any affected facility to emit potentially hazardous matter or toxic substances in such quantities or duration as to be harmful to the health and welfare of humans, animals and plants. [401 KAR 63:020, Section 3]

**Compliance Demonstration Method:**

The Cabinet determines that the source is in compliance with 401 KAR 63:020 based on the rate of emissions of airborne toxics determined by the Cabinet using information provided in the application and any supplemental information submitted by the source.

- d. Refer to **SECTION D (4) and (6)** for source-wide emission limitations. [401 KAR 63:020 and to preclude 401 KAR 52:020]

**3. Testing Requirements:**

Pursuant to 401 KAR 59:005, Section 2(2) and 401 KAR 50:045, Section 1, performance testing using the Reference Methods specified in 401 KAR 50:015 shall be conducted if required by the Cabinet.

**4. Specific Monitoring Requirements:**

- a. The permittee shall monitor the following: [401 KAR 52:030, Section 10]
- i. The monthly and 12-month rolling amounts of all the material (pipes and tubes) processed;
  - ii. The total hours of operation on a monthly basis; and
- b. The permittee shall perform a qualitative visual observation of the opacity of emissions from the stack once per calendar month while the affected facility is operating. If visible emissions from the stack are observed (not including condensed water in the plume), then 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 52:030, Section 10]
- c. Refer to **SECTION F** for general monitoring requirements.

**5. Specific Recordkeeping Requirements:**

- a. The permittee shall maintain records of the following: [401 KAR 52:030, Section 10]
- i. The monthly and 12-month rolling amounts of all the material (pipes and tubes) processed;
  - ii. The total hours of operation on a monthly basis; and
  - iii. SDSs for all materials used.
- b. The permittee shall retain records of the qualitative visual observations required by **4. Specific Monitoring Requirements (b)**, including the date, time, initials of observer,

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

whether any emissions were observed (yes/no), any Method 9 readings taken, and any corrective action taken including results due to observed emissions. [401 KAR 52:030, Section 10]

c. Refer to **SECTION F** for general recordkeeping requirements.

**6. Specific Reporting Requirements:**

Refer to **SECTION F** for general reporting requirements.

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

| <b>Emission Point #</b> | <b>Description</b>              | <b>Capacity (MMBtu/hr)</b> | <b>Installation Date</b> |
|-------------------------|---------------------------------|----------------------------|--------------------------|
| 02                      | Titan air rotation units I & II | 4.356 unit I               | 12/6/1993                |
|                         |                                 | 3.334 unit II              |                          |

**APPLICABLE REGULATION:**

**401 KAR 59:015**, *New indirect heat exchangers*

**STATE-ORIGIN REQUIREMENT:**

**401 KAR 63:020**, *Potentially hazardous matter or toxic substances*

**1. Operating Limitations:**

None

**2. Emission Limitations:**

- a. The permittee shall not cause emissions of particulate matter in excess of 0.56 lb/MMBtu. [401 KAR 59:015, Section 4(1)(a)]
- b. The permittee shall not cause emissions of sulfur dioxide in excess of 3.0 lb/MMBtu. [401 KAR 59:015, Section 5(1)(a)(1)]
- c. The permittee shall not cause emissions of particulate matter in excess of 20 percent opacity from each indirect heat exchanger. [401 KAR 59:015, Section 4 (2)]

**Compliance Demonstration Method:**

The units are assumed to be in compliance with the particulate matter, opacity and sulfur dioxide emission limitations while burning natural gas.

- d. The permittee shall not allow any affected facility to emit potentially hazardous matter or toxic substances in such quantities or duration as to be harmful to the health and welfare of humans, animals and plants. [401 KAR 63:020, Section 3]

**Compliance Demonstration Method:**

The Cabinet determines that the source is in compliance with 401 KAR 63:020 based on the rate of emissions of airborne toxics determined by the Cabinet using information provided in the application and any supplemental information submitted by the source.

**3. Testing Requirements:**

Pursuant to 401 KAR 59:005, Section 2(2) and 401 KAR 50:045, Section 1, performance testing using the Reference Methods specified in 401 KAR 50:015 shall be conducted if required by the Cabinet.

**4. Specific Monitoring Requirements:**

- a. The permittee shall monitor of the following: [401 KAR 52:030, Section 10]
  - i. The monthly and 12-month rolling natural gas usage; and
  - ii. The total hours of operation on a monthly basis.

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

b. Refer to **SECTION F** for general monitoring requirements.

**5. Specific Recordkeeping Requirements:**

- a. For each emission point, the permittee shall maintain records of the following: [401 KAR 52:030, Section 10]
- i. The monthly and 12-month rolling total of natural gas usage; and
  - ii. The total hours of operation on a monthly basis.

b. Refer to **SECTION F** for general recordkeeping requirements.

**6. Specific Reporting Requirements:**

Refer to **SECTION F** for general reporting requirements.

**SECTION C - INSIGNIFICANT ACTIVITIES**

The following listed activities have been determined to be insignificant activities for this source pursuant to 401 KAR 52:030, 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.

| <u>Description</u>  | <u>Generally Applicable Regulation</u> |
|---|--|
| 1. 500 gallon Diesel fuel tank                                  | N/A                                    |
| 2. Ink jet printing   | N/A                                    |
| 3. Two (2) 6,000 gallon storage tanks for Water Treatment Plant | N/A                                    |
| 4. EP 05: Two (2) water heaters each at 1.0 MMBtu/hr            | 401 KAR 59:010<br>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 Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030, 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, PM<sub>10</sub>, opacity, SO<sub>2</sub>, HF, and Chromium VI 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. The source-wide emissions of HF shall not exceed 0.7 tons per year on a rolling 12-month basis. [401 KAR 53:010]

### Compliance Demonstration Method:

Continuous compliance for HF emissions shall be calculated monthly by the following equation or the Division approved equivalent equation until the HF performance testing required for EP 01 in **3. Testing Requirements** (a) of final permit F-24-037 has been completed:

$$\begin{aligned}
 \text{HF emissions (tpy)} &= \text{HF emissions from pickling tank (tpy)} + \text{HF emissions from rinse tank (tpy)} = \\
 &= \left( \left( \text{Pipe produced} \left( \frac{\text{tons}}{\text{hr}} \right) \times EF \left( \frac{\text{lb}}{\text{ton}} \right) \times \frac{\%HF \text{ in pickling tank}}{3.38\%} \times (1 - \text{Control } \%) \right) \right. \\
 &\quad \left. * 1.05 \right) \times \frac{8760 \text{ hrs}}{1 \text{ yr}} \times \frac{1 \text{ ton}}{2000 \text{ lbs}}
 \end{aligned}$$

Where:

|                      |  |
|----------------------|--|
| <i>Pipe produced</i> | = Average production rate on a rolling 12-month basis.   |
| <i>EF</i>            | = The emission factor shall be the number determined from the most recent Division approved stack test or Division approved value.   |
| <i>% HF</i>          | = The concentration of F <sup>-</sup> ions in the pickling tank as measured by the Luova Acid Manager Unit during the most recent calibration, assumed to be equal to average %HF for each month during any 12 consecutive months. |
| <i>3.38%</i>         | = The default percentage of F <sup>-</sup> ions in the pickling tank, assumed to be equal to %HF   |
| <i>Control %</i>     | = The control efficiency of the scrubber.  |
| <i>1.05</i>          | = Term accounting for HF emissions from the rinse tank, which is assumed to contribute an additional five (5) percent of the HF emissions from the pickling tank.  |

Following the completion and approval of the HF performance testing required by EP 01 – **3. Testing Requirements** (a) of final permit F-24-037, the permittee shall replace the emission factor determined by the required performance testing, and replace the ‘3.38%’ term with the concentration of F<sup>-</sup> ions, as determined by the calibrated Luova Acid Manager unit and assumed to be equal to the HF concentration for emission calculations, during the performance test required by EP 01 – **3. Testing Requirements** (a) of final permit F-24-037. The permittee

## SECTION D - SOURCE EMISSION LIMITATIONS AND TESTING REQUIREMENTS (CONTINUED)

shall either replace the 'Control %' term with a control percentage determined by the required performance testing, or replace the 'Control %' term with zero (0) if the permittee establishes a controlled emission factor by way of the required performance testing.

- The source-wide emissions of Chromium VI shall not exceed 0.582 pounds per hour based on a monthly average. [401 KAR 63:020]

### Compliance Demonstration Method:

Chromium VI emissions shall be calculated monthly by the following equation, or a Division approved equivalent:

$$\begin{aligned} \text{Chromium Emissions } \left( \frac{lb}{hr} \right) &= EP04 \text{ Welding Throughput } \left( \frac{tons}{hr} \right) \times EF \left( \frac{lb}{ton} \right) \times (1 - \text{Control } \%) \\ &+ EP03 \text{ Sawing Throughput } \times \left( \frac{lb}{ton} \right) \times (1 - \text{Control } \%) \end{aligned}$$

Where:

*Welding Throughput* = The monthly average throughput of EP 04;

*Sawing Throughput* = The monthly average throughput of EP 03;

*Control %* = The control efficiency of the control device or enclosure; and

*EF* = The emission factor shall be the number determined from AP-42, SDSs, the most recent Division approved stack test, or Division approved value.

- The source-wide emissions of HF shall not exceed 9.0 tons per year on a rolling 12-month basis. [To preclude 401 KAR 52:020]

### Compliance Demonstration Method:

Compliance with this condition shall be demonstrated by complying with **SECTION D (3)** above.

- The source-wide emissions of PM/PM<sub>10</sub> shall not exceed 90 tons per year on a rolling 12-month basis. [To preclude 401 KAR 52:020]

### Compliance Demonstration Method:

The permittee shall demonstrate compliance with the source-wide PM/PM<sub>10</sub> emissions limit by calculating the source-wide emissions monthly using the following equation:

$$E_{PM/PM_{10}} \left( \frac{tons}{month} \right) = \sum_{i=1}^n PW_i \left( \frac{tons}{month} \right) \times EF^*_i \left( \frac{lb}{tons} \right) \times \left( \frac{1 - CE_i}{2000 \left( \frac{lb}{tons} \right)} \right)$$

Where:

*i* = Each emission point from which PM/PM<sub>10</sub> is emitted;

*n* = The total number of emission points from which PM/PM<sub>10</sub> is emitted;

**SECTION D - SOURCE EMISSION LIMITATIONS AND TESTING REQUIREMENTS (CONTINUED)**

$E_{PM/PM_{10}}$  = Total monthly PM/PM<sub>10</sub> emissions;

$PW_i$  = Process weight used at emission point i;

$EF_i$  = Emission factor for PM/PM<sub>10</sub> at emission point i; and

$CE_i$  = Control efficiency for controls used at emission point i.

- \* The PM/PM<sub>10</sub> emission factor shall be the number determined from AP-42, the most recent Division approved stack test, or Division approved value.

The total monthly PM/PM<sub>10</sub> emission rate (tons/month) as calculated above shall be used to show compliance with the rolling 12-month total limit.

$$PM/PM_{10_{total}} = \sum_{x=1}^{12} (E_{PM/PM_{10}})_x$$

Where:

$E_{PM/PM_{10}}$  = Total monthly PM/PM<sub>10</sub> emissions

$x$  = month

## **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 Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 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 [401 KAR 52:030, Section 3(1)(f)1a, and Section 1a-7 of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030, Section 26].
3. In accordance with the requirements of 401 KAR 52:030, Section 3(1)f, 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 Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030, 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 52:030, Section 22. 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 Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030, 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 52:030, 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 in accordance with the following requirements:
  - a. Identification of each 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 address: Division for Air Quality, Bowling Green Regional Office, 2642 Russellville Road, Bowling Green, KY 42101.
10. In accordance with 401KAR 52:030, Section 3(1)(d), 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. If a KYEIS emissions survey is not mailed to the permittee, then the permittee shall comply with all other emissions reporting requirements in this permit.
11. The Cabinet may authorize the temporary use of an emission unit to replace a similar unit that is taken off-line for maintenance, if the following conditions are met:
- a. The owner or operator shall submit to the Cabinet, at least ten (10) days in advance of replacing a unit, the appropriate Forms DEP7007AI to DD that show:
    - (1) The size and location of both the original and replacement units; and
    - (2) Any resulting change in emissions;
  - b. The potential to emit (PTE) of the replacement unit shall not exceed that of the original unit by more than twenty-five (25) percent of a major source threshold, and the emissions from the unit shall not cause the source to exceed the emissions allowable under the permit;
  - c. The PTE of the replacement unit or the resulting PTE of the source shall not subject the source to a new applicable requirement;
  - d. The replacement unit shall comply with all applicable requirements; and
  - e. The source shall notify Regional office of all shutdowns and start-ups.
  - f. Within six (6) months after installing the replacement unit, the owner or operator shall:
    - (1) Re-install the original unit and remove or dismantle the replacement unit; or
    - (2) Submit an application to permit the replacement unit as a permanent change.

**SECTION G - GENERAL PROVISIONS**1. General Compliance Requirements

- a. The permittee shall comply with all conditions of this permit. A noncompliance shall be a violation of 401 KAR 52:030, 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 the termination, revocation and reissuance, revision, or denial of a permit [Section 1a-2 of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030, 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-5 of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030, Section 26].
- c. This permit may be revised, revoked, reopened and reissued, or terminated for cause in accordance with 401 KAR 52:030, Section 18. 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 52:030, 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.

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- 6 and 7 of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030, Section 26].
- e. Emission units described in this permit shall demonstrate compliance with applicable requirements if requested by the Division [401 KAR 52:030, 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 52:030, 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-11 of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030, 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-3 of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030, 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-12 of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030, 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-9 of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030, 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 52:030, Section 11(3)].
- l. This permit does not convey property rights or exclusive privileges [Section 1a-8 of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030, 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.
- 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.

**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 52:030, 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 52:030, Section 12].
- b. The authority to operate granted through this permit 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 52:030, Section 8(2)].

**3. Permit Revisions**

- a. Minor permit revision procedures specified in 401 KAR 52:030, Section 14(3), 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 52:030, 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 permit F-24-037.

**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.

7. Emergency Provisions

- a. Pursuant to 401 KAR 52:030, Section 23(1), an emergency shall constitute an affirmative defense to an action brought for noncompliance with the technology-based emission limitations if the permittee demonstrates through properly signed contemporaneous operating logs or other 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) The permittee notified the Division as promptly as possible and submitted written notice of the emergency to the Division within two (2) working days of the time when emission limitations were exceeded due to an emergency. The notice shall include a description of the emergency, steps taken to mitigate emissions, and the corrective actions taken.

**SECTION G - GENERAL PROVISIONS (CONTINUED)**

- (5) Notification of the Division does not relieve the source of any other local, state or federal notification requirements.
  - b. Emergency conditions listed in General Provision G.7.a above are in addition to any emergency or upset provision(s) contained in an applicable requirement [401 KAR 52:030, Section 23(3)].
  - c. In an enforcement proceeding, the permittee seeking to establish the occurrence of an emergency shall have the burden of proof [401 KAR 52:030, Section 23(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 82.165.
    - (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**

None