#### 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 52:030** 

**Permittee Name:** Sister Schubert's Homemade Rolls, Inc.

**Mailing Address:** 900 Top Quality Drive

Horse Cave, KY 42749

**Source Name:** Sister Schubert's Homemade Roll, Inc.

**Mailing Address:** 900 Top Quality Drive Horse Cave KY, 42749

**Source Location:** 900 Top Quality Drive

Horse Cave KY. 42749

F-25-022 **Permit ID: Agency Interest #:** 82597

**Activity ID:** APE20250001

**Review Type: Conditional Major, Operating** 

Source ID: 21-099-00036

**Regional Office: Bowling Green Regional Office** 

> 2642 Russellville Road **Bowling Green, KY 42101**

(270) 746-7475

Hart **County:** 

**Application** 

**Complete Date:** June 18, 2025

**Issuance Date: Expiration Date:** 

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

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Permit	Permit Type	Activity #	Complete Date	Issuance Date	Summary of Action
F-25-022	Renewal	APE20250001	6/18/2025		Permit Renewal

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#### **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 52:030, 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.

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

#### Bread Baking Chamber Oven, Line 1,2,3 and 4

Emission Units	Description	Process Rate (ton/hr)		Construction Date	Product Processed
		Wet dough	Baked bread		
16-18	Line 1, Oven Baking Chamber	2.64	2.2	3/1/2007	Dough
20-22	Line 2, Oven Baking Chamber	2.36	1.967	3/1/2007	Dough
30-33	Line 3, Oven Baking Chamber	3.38	2.817	7/1/2010	Dough
49-52	Line 4, Oven Baking Chamber	3.37	2.808	4/1/2019	Dough

#### **APPLICABLE REGULATIONS:**

401 KAR 59:010, New process operations

#### **STATE-ORIGIN REQUIREMENTS:**

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

#### 1. Operating Limitations:

To preclude the applicability of 401 KAR 52:020, the facility has taken a source-wide voluntary federally enforceable limit of 90 tons per year VOC emissions.

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

- a. The permittee shall use the equation as specified in 4. Specific Monitoring Requirements a. below for the unit to demonstrate compliance with the VOC emission limits:
- b. See Section D Source Emission Limitations and Testing.

#### 2. Emission Limitations:

- a. No person shall cause, suffer, allow, or permit any continuous emission into the open air from a stack associated with any affected facility which is equal to or greater than twenty (20) percent opacity [401 KAR 59:010, Section 3(1)].
- b. No person shall cause, suffer, allow or permit the emission into the open air of particulate matter from any affected facility which is in excess of the quantity listed in the table below Appendix A to 401 KAR 59:010 and summarized below: [401 KAR 59:010 Section 3(2)].

P = Process Weight Rate	E = Allowable Particulate Emission Rate	
(ton/hr)	(lb/hr)	
P < 0.50	2.34	
$0.50 \le P \le 30$	$E = 3.59P^{0.62}$	

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

For cyclical or batch unit operations, the process weight rate is the total process weight for a period that covers a complete operation or integral number of cycles, divided by the hours of actual process operation during such a period.

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

The unit is assumed to be in compliance based on the low PM associated with the bread baking process.

- c. See Section D., Source Emission Limitations and Testing Requirements for source wide VOC limitations.
- d. Persons responsible for a source from which hazardous matter or toxic substances may be emitted shall provide the utmost care and consideration, in the handling of these materials, to the potentially harmful effects of the emissions resulting from such activities. No owner or operator shall 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. Evaluation of such facilities as to adequacy of controls and/or procedures and emission potential will be made on an individual basis by the cabinet. [401 KAR 63:020, Section 3]

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

Based upon the emission rates of toxics and hazardous air pollutants determined by the Cabinet using information provided in the application and supplemental information submitted by the source, the Cabinet determines the affected facility to be in compliance with 401 KAR 63:020.

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

Testing shall be conducted at such times as may be requested by the Cabinet [401 KAR 59:005, Section 2(2) and 401 KAR 50:045, Section 4].

#### 4. Specific Monitoring Requirements:

a. The permittee shall monitor the amounts of all bread produced. The permittee shall calculate and record the monthly VOC emissions. The VOC emissions from the operation of the oven shall be determined based on emission factors from the equation given in "Alternate Control Technology Document for Bakery Oven Emissions" (EPA 453/R-92-017, December 1992).

$$VOC\ E.F. = 0.95Y_i + 0.195t_1 - 0.51S - 0.86t_s + 1.90$$

Where:

VOC E.F. =Emission factor in pounds of VOC per ton of dough baked  $Y_i =$ Initial baker's percent of yeast to the nearest tenth of a percent Total yeast action time in hours the nearest tenth of an hour  $t_1 =$ (Fermentation time + Floor time + proof time) Final (Spike) baker's percent of yeast to the nearest tenth of a percent S =

 $t_s =$ Spiking time in hours to the nearest tenth of an hour

(Floor time + Final proof time)

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

The VOC emissions shall be calculated as follows:

$$VOC\ emissions\ \left(\frac{tons}{month}\right) = \left[VOC\ E.F.\left(\frac{lb}{ton}\right)x\ P\left(\frac{tons}{month}\right)x\ \frac{1}{2000}\left(\frac{ton}{lbs}\right) +\ Oven\ VOC$$

Where:

P =

Tons of product processed per month by the unit

$$Oven\,VOC = 5.5\,\left(\frac{lb}{MMscf}\right)\,x\,NG\,usage\,at\,oven\,\left(\frac{MMscf}{month}\right)\,x\frac{1}{2000}(\frac{ton}{lbs})$$

Where:

5.5 lb/MMscf = VOC emission factor from AP 42 Table 1.4-2 NG usage = Total monthly natural gas usage for the unit

b. The permittee shall perform a qualitative visual observation of the opacity of emissions from the stack no less frequently than every seven calendar days while the affected facility is operating. If visible emissions from the stack are observed (not including condensed water in the plume), the permittee shall determine the opacity using U.S. EPA Reference Method 9. In lieu of determining the opacity using U.S. EPA Reference Method 9, the permittee shall immediately perform a corrective action which results in no visible emissions (not including condensed water in the plume) [401 KAR 52:030, Section 10].

#### 5. Specific Recordkeeping Requirements:

- a. The permittee shall maintain a log of any qualitative visual observations of emissions from the stack, any corrective actions performed, and any U.S. EPA Reference Method 9 readings performed [401 KAR 52:030, Section 10].
- b. The permittee shall keep monthly records of bread produced. Total actual emissions for VOCs shall be calculated each month (tons per month) based upon the amount of bread produced at the facility during the month. See **Section D. 3.b**. [401 KAR 52:030, Section 10].

#### 6. Specific Reporting Requirements:

See Section F – Monitoring Recordkeeping and Reporting Requirements for additional requirements.

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

Emission Unit 19, 23, 34, 35,36 53, and 54 Natural Gas Fired Indirect Heat Exchangers

#### **Description:**

**Seven Natural Gas-Fired Indirect Heat Exchangers** 

Emission Unit	Description	Construction Commenced	Fuel Input (MMBtu/hr)
19	Line 1, Oven Burner Chamber – 1 Burner	2007	2.5
23	Line 2, Oven Burner Chamber – 1 Burner	2007	2.5
34, 35	Line 3, Oven Burner Chamber – 2 Burners	2010	5.0
36	Line 3, Proofer Process Heat Supply	2010	1.2
53-54	Line 4, Oven Burner Chambers – 2 Burners	2019	4.4

#### **APPLICABLE REGULATIONS:**

401 KAR 59:015, New indirect heat exchangers

#### **STATE-ORIGIN REQUIREMENTS:**

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

#### 1. Operating Limitations:

During a startup period or a shutdown period, the permittee shall comply with the following work practice standards [401 KAR 59:015, Section 7(1)]:

- a. The permittee shall comply with 401 KAR 50:055, Section 2(5) [401 KAR 59:015, Section 7(1)(a)];
- b. The frequency and duration of startup periods or shutdown periods shall be minimized [401 KAR 59:015, Section 7(1)(b)];
- c. All reasonable steps shall be taken by the permittee to minimize the impact of emissions on ambient air quality from the emission units during startup periods and shutdown periods [401 KAR 59:015, Section 7(1)(c)]; and
- d. The actions, including duration of the startup periods, of the permittee of each emission unit during startup periods and shutdown periods, shall be documented by signed, contemporaneous logs or other relevant evidence [401 KAR 59:015, Section 7(1)(d)].
- e. Startups and shutdowns shall be conducted according to either [401 KAR 59:015, Section 7(1)(e)]:
  - i. The manufacturer's recommended procedures; or [401 KAR 59:015, Section 7(1)(e)1.]
  - ii. Recommended procedures for a unit of similar design, for which manufacturer's recommended procedures are available, as approved by the cabinet based on documentation provided by the permittee. [401 KAR 59:015, Section 7(1)(e)2.]

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

Compliance shall be demonstrated according to **5.** Specific Recordkeeping Requirements **(b).** 

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

#### 2. Emission Limitations:

a. The permittee shall meet the following emission limitations:

Emissions	Emission Units	<b>Emission Rate</b>	Regulatory Requirement	Compliance Demonstration
Particulate	19 & 23	0.56 lb/MMBtu	401 KAR 59:015,	
Matter	34-36	0.55 lb/MMBtu	Section 4(1)(a)	
Matter	53-54	0.50 lb/MMBtu	and (c)	Assumes
Sulfur	19 & 23	3.0 lb/MMBtu	401 KAR 59:015,	compliance while
Dioxide	34-36	2.86 lb/MMBtu	Section 5(1)(a) 1.	combusting natural
Dioxide	53-54	2.50 lb/MMBtu	and (c)2.b.	gas.
Opacity <sup>1</sup>	ALL	20%	401 KAR 59:015,	
Opacity	ALL	20%	Section 4(2)	

<sup>1:</sup> The opacity standard applies except for a maximum of forty (40) percent opacity shall be allowed for a maximum of six (6) consecutive minutes in any sixty (60) consecutive minutes during a fire box cleaning or soot blowing; or for emissions from an affected facility caused by building a new fire, emissions during the period required to bring the boiler up to operating conditions shall be allowed, if the method used is recommended by the manufacturer and the time does not exceed manufacturers recommendations [401 KAR 59:015, Section 4 (2)(b) and (c)].

### b. See Section D – Source Emission Limitations and Testing Requirements for source-wide VOC limitations.

c. Persons responsible for a source from which hazardous matter or toxic substances may be emitted shall provide the utmost care and consideration, in the handling of these materials, to the potentially harmful effects of the emissions resulting from such activities. No owner or operator shall 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. Evaluation of such facilities as to adequacy of controls and/or procedures and emission potential will be made on an individual basis by the cabinet. [401 KAR 63:020, Section 3]

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

Based upon the emission rates of toxics and hazardous air pollutants determined by the Cabinet using information provided in the application and supplemental information submitted by the source, the Cabinet determines the affected facility to be in compliance with 401 KAR 63:020.

#### 3. Testing Requirements:

Testing shall be conducted at such times as may be required by the Cabinet [401 KAR 59:005, Section 2(2) and 401 KAR 50:045, Section 4].

#### 4. Specific Monitoring Requirements:

The source-wide natural gas consumption (in MMscf) and hours of operation shall be monitored on a monthly basis [401 KAR 52:030, Section 10].

#### 5. Specific Recordkeeping Requirements:

a. The permittee shall maintain a log of source-wide natural gas consumption (in MMscf) and hours of operation on a monthly basis [401 KAR 52:030, Section 10].

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

b. The permittee shall keep records of the manufacturer's recommended procedures for startup and shutdown, any instance in which the recommended procedures were not followed, and any corrective actions taken. [401 KAR 52:030, Section 10]

#### 6. Specific Reporting Requirements:

Refer to Section F – Monitoring, Recordkeeping, and Reporting Requirements for additional requirements.

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

#### **Emission Unit 41a Inks and Ink Additives**

Emission Units	Description	Line	Construction Commenced	Process Rate (gallons/hr)	VOC Content lb./gal
41a	Inks and Ink Additives	1-4	2025	0.08425	8.262
41a	Inks and Ink Additives	1-4	2025	0.08425	6.897
41a	Inks and Ink Additives	1-4	2025	0.08425	6.030
41a	Inks and Ink Additives	1-4	2025	0.08425	6.168
41b	Make-up Fluids	1-4	2025	0.08425	6.667
41c	Solvents and Additives	1-4	2025	0.00122	6.727
41c	Solvents and Additives	1-4	2025	0.00122	8.420
41c	Solvents and Additives	1-4	2025	0.00122	6.676

#### **APPLICABLE REGULATIONS:**

401 KAR 59:010, New process operations

#### **STATE-ORIGIN REQUIREMENTS:**

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

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

Based upon the emission rates of potentially hazardous matter and toxic substances determined by the Cabinet using information provided in the application and supplemental information submitted by the source, the Cabinet determines the affected facility to be in compliance with 401 KAR 63:020.

#### 2. Emission Limitations:

a. Particulate matter emissions are listed in the table below [401 KAR 59:010 3(2)(a)].

P = Process Rate in tons/hr	E = Particulate matter emissions rate in lb/hr
P < 0.50	E = 2.34  lb/hr
0.50 < P < 30	$E = 3.59 * P^{0.62}$
P > 30	$E = 17.31 * P^{0.16}$

#### Compliance Demonstration Method:

These units are assumed in compliance based on the MSDS sheets.

b. Opacity shall not equal or exceed twenty (20) percent opacity based on a six-minute average [401 KAR 59:010, Section 3(1)(a)].

#### Compliance Demonstration Method:

These units are assumed in compliance based on the MSDS sheets.

- c. See Section D Source Emission Limitations and Testing Requirements for source-wide VOC limitations.
- d. Persons responsible for a source from which hazardous matter or toxic substances may be emitted shall provide the utmost care and consideration, in the handling of these materials, to the potentially harmful effects of the emissions resulting from such activities. No owner or operator shall allow any affected facility to emit potentially hazardous matter or toxic

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

substances in such quantities or duration as to be harmful to the health and welfare of humans, animals and plants. Evaluation of such facilities as to adequacy of controls and/or procedures and emission potential will be made on an individual basis by the cabinet. [401 KAR 63:020, Section 3]

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

Based upon the emission rates of toxics and hazardous air pollutants determined by the Cabinet using information provided in the application and supplemental information submitted by the source, the Cabinet determines the affected facility to be in compliance with 401 KAR 63:020.

#### 3. Testing Requirements:

Testing shall be conducted at such times as may be required by the Cabinet [401 KAR 50:045, Section 4].

#### 4. Specific Monitoring Requirements:

The permittee shall monitor material used (in gallons) on a monthly basis [401 KAR 52:030, Section 10].

#### 5. Specific Recordkeeping Requirements:

The permittee shall maintain a log of each material used (in gallons) on a monthly basis [401 KAR 52:030, Section 10].

#### 6. **Specific Reporting Requirements**:

Refer to Section F – Monitoring, Recordkeeping, and Reporting Requirements for additional requirements.

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

**Two Diesel-Fired Emergency Generators** 

Emission	Description:	Construction	Fuel Input	Power Output
<b>Units:</b>		Commenced:	(1000 gal/hr):	(hp):
45	Cummins DSHAF	2007	0.0097	364
46	Cummins DSHAC	2011	0.0164	364

#### **APPLICABLE REGULATIONS:**

**401 KAR 60:005 Section 2(2)(dddd)**, 40 C.F.R. 60.4200 through 60.4219, Tables 1 through 8 (Subpart IIII), Standards of Performance for Stationary Compression Ignition Internal Combustion Engines

**401 KAR 63:002 Section 2(4)(eeee)**, 40 C.F.R. 63.6580 through 63.6675, Tables 1a through 8, and Appendix A (Subpart ZZZZ), National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

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

- a. These engines shall meet the requirements of 40 CFR 63, Subpart ZZZZ by meeting the requirements of 40 CFR 60, Subpart IIII for compression ignition engines. No further requirements under 40 CFR 63, Subpart ZZZZ apply [40 CFR 63.6590(c) and (c)(1)].
- b. The permittee shall operate and maintain each unit according to the manufacturer's written instructions or procedures developed by the permittee that are approved by each engine manufacturer, over the entire life of the engine [40 CFR 60.4206].
- c. These units may be operated for the purpose of maintenance checks and readiness testing, provided that the tests are recommended by Federal, State, or local government, the manufacturer, the vendor, or the insurance company associated with the engine. Maintenance checks and readiness testing of such units is limited to 100 hours per year. There is no time limit on the use of emergency stationary ICE in emergency situations. The permittee may petition the Administrator for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the owner or operator maintains records indicating that Federal, State, or local standards require maintenance and testing of emergency ICE beyond 100 hours per year. Any operation other than emergency operation and maintenance and testing as permitted in this section is prohibited [40 CFR 60.4211(f)].
- d. The permittee shall install a non-resettable hour meter on each engine prior to startup [40 CFR 60.4209(a)].
- e. The fuel oil used shall meet the sulfur content standards in ASTM Grade No.2-D S15 (Ultra Low Sulfur Diesel-ULSD) or equivalent and cannot exceed a sulfur content of 15 ppm [40 CFR 60.4207(b) and 40 CFR 80.510(b)].

#### <u>Compliance Demonstration Method:</u>

The permittee shall comply with the requirements in 5. Specific Recordkeeping Requirements c.

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

#### 2. Emission Limitations:

a. Each engine shall not exceed the following emission limitations [40 CFR 60.4205(b)]:

Regulated Air Pollutant	<b>Emission Limit</b>
Nonmethane Hydrocarbon (HC)+Nitrogen oxide (NO <sub>X</sub> )	4.0 g/KW-hr
Carbon monoxide (CO)	3.5 g/KW-hr
Particulate matter (PM)	0.2 g/KW-hr

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

- i. The permittee shall comply with the emission standards specified in a CFR 60.4205(b), and shall comply by purchasing engines certified to the emission standards in 40 CFR 60.4205(b) as applicable, for the same model year and maximum engine power. Each engine shall be installed and configured according to the manufacturer's specifications [40 CFR 60.4211(c)].
- ii. The permittee shall operate and maintain each engine and control device according to the manufacturer's written instructions or procedures developed by the permittee that are approved by the engine manufacturer. In addition, the permittee may only change those settings that are permitted by the manufacturer. The permittee shall also meet the requirements of 40 CFR parts 89, 94, and/or 1068, as they apply [40 CFR 60.4211(a)].
- b. Refer to Section D Source Emission Limitations and Testing Requirements for source-wide limitations.

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

Testing shall be conducted at such times as may be required by the Cabinet [401 KAR 50:045, Section 4].

#### 4. Specific Monitoring Requirements:

The permittee shall monitor the amount of fuel oil used (in gallons) and hours of operation for each unit on a monthly basis [401 KAR 52:030, Section 10].

#### 5. Specific Recordkeeping Requirements:

- a. The permittee shall maintain records of the amount of fuel oil used (in gallons) and hours of operation for each unit on a monthly basis [401 KAR 52:030, Section 10].
- b. The permittee is not required to submit an initial notification. The permittee shall keep records of the operation of each engine in emergency and non-emergency services that are recorded through the non-resettable hour meter. The owner shall record the time of operation of each engine and the reason the engine was in operation during that time [40 CFR 60.4212(b)].
- c. The permittee shall maintain a record of ULSD fuel certification from the fuel supplier [401 KAR 52:030, Section 10].

#### 6. **Specific Reporting Requirements:**

a. Refer to Section F – Monitoring, Recordkeeping, and Reporting Requirements for additional requirements

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#### **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.

Emission	Description	General Applicable
Unit		Regulation
01	Flour Silos – Truck Unloading (24 tph)	401 KAR 59:010
02	Flour Silos – Flour Handling and Mixing (4.5 tph)	401 KAR 59:010
IA03	Flour Silo – Truck Unloading (24 tph)	401 KAR 59:010
IA04	Flour Silos – Flour Handling and Mixing (4.5 tph)	401 KAR 59:010
03	Area Heater (0.174 MMBtu/hr)	401 KAR 59:010;
		401 KAR 63:020
04	Mix/Sheet/Butter Area Heater (1.44 MMBtu/hr)	401 KAR 59:010;
	·	401 KAR 63:020
78	Flour Silos - Flour Handling and Mixing Line 4 (4.5 tph)	401 KAR 59:010
79	Flour Silos - Truck Unloading (24 tph)	401 KAR 59:010
80	Bagged Flour - Handling and Mixing (0.105 tph)	401 KAR 59:010
81	Sugar Silos - Truck Unloading (8 tph)	401 KAR 59:010
82	Sugar Silos - Sugar Handling and Mixing (0.75 tph)	401 KAR 59:010
05	QA/Production Line Area Heater (.04 MMBtu/hr)	401 KAR 59:010;
	· · · · · · · · · · · · · · · · · · ·	401 KAR 63:020
06	Plant Office/Break Room Area Heater (0.262 MMBtu/hr)	401 KAR 59:010;
		401 KAR 63:020
07	Maintenance Shop Area Heater 0.275 MMBtu/hr)	401 KAR 59:010;
		401 KAR 63:020
08	Shipping Office Area Heater 0.258 MMBtu/hr)	401 KAR 59:010;
		401 KAR 63:020
09	Line 2 Proofer/Over Area Heater (3.189 MMBtu/hr)	401 KAR 59:010;
		401 KAR 63:020
10	Line 1 Oven Area Heater 3.189 MMBtu/hr)	401 KAR 59:010;
		401 KAR 63:020
11	Packaging Area Heater 0.124 MMBtu/hr)	401 KAR 59:010;
		401 KAR 63:020
12,13	Proofer Line 1 Process Heater 0.4 MMBtu/hr)	401 KAR 59:010;
		401 KAR 63:020
14,15	Proofer Line 2 Process Heater (0.6 MMBtu/hr)	401 KAR 59:010;
		401 KAR 63:020
24,25	Water Heaters #1 and #2 (1.98 MMBtu/hr total)	401 KAR 59:010;
		401 KAR 63:020
26	Mechanical Room Area Heater (0.4 MMBtu/hr)	401 KAR 59:010;
		401 KAR 63:020
27	Receiving Dock Area Heater (0.4 MMBtu/hr)	401 KAR 59:010;
		401 KAR 63:020
37	Line 3 QA/Office Area Heater (0.04 MMBtu/hr)	401 KAR 59:010;

### **SECTION C - INSIGNIFICANT ACTIVITIES (CONTINUED)**

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		401 KAR 63:020
38	Line 3 Packaging Area Heater (0.325 MMBtu/hr)	401 KAR 59:010;
7 -	(vib 20 111112)	401 KAR 63:020
39	Line 3 Proofer/Oven Area Heater (5.4MMBtu/hr)	401 KAR 59:010;
		401 KAR 63:020
40	Line 3 Packaging Area Heater (0.15 MMBtu/hr)	401 KAR 59:010;
		401 KAR 63:020
42	Line 3 Sheeting Area Heater 0.913 MMBtu/hr)	401 KAR 59:010;
		401 KAR 63:020
43,44	Water Heaters #3 and #4 1.97 MMBtu/hr)	401 KAR 59:010;
,	,	401 KAR 63:020
47	Chick- fil-A Area Heater Line 4	401 KAR 59:010;
	(0.150mmBtu/hr) 0.15 MMBtu/hr)	401 KAR 63:020
55,56	Proofer Line 4 Process Heaters RENZOR#3, #4	401 KAR 59:010;
,	(0.30 MMBtu/hr each)	401 KAR 63:020
57	1. Line 4 Mixing Area Heater RTU#19	401 KAR 59:010;
	(1.588 MMBtu/hr)	401 KAR 63:020
58-61	2. Line 4 Ceiling Area Heaters RTU#20, 21, 22, 23	401 KAR 59:010;
	(0.180 MMBtu/hr each)	401 KAR 63:020
62,63	3. Hot Water Heaters #5 and #6	401 KAR 59:010;
	(0.99 MMBtu/hr each)	401 KAR 63:020
66	4. Line 4 Lab/Office Area Heater RTU#24	401 KAR 59:010;
	(0.04 MMBtu/hr)	401 KAR 63:020
67	Line 4 Shipping/Office Area Heater RTU#25	401 KAR 59:010;
	(0.04 MMBtu/hr)	401 KAR 63:020
68	Line 4 Electrical Room Area Heater RTU#26	401 KAR 59:010;
	(0.180 MMBtu/hr)	401 KAR 63:020
69 - 72	Line 5 Ceiling Area Heaters RTU#27, 28, 29, 30	401 KAR 59:010;
	(0.180 MMBtu/hr each)	401 KAR 63:020
73	Line 4 Training Area Heater RTU#31	401 KAR 59:010;
	(0.067 MMBtu/hr)	401 KAR 63:020
74	Line 4 Ammonia Area Heater UH#5	401 KAR 59:010;
	(0.150 MMBtu/hr)	401 KAR 63:020
75	Line 4 Oven Area Heater MAU #6 (5.494 MMBtu/hr)	401 KAR 59:010;
		401 KAR 63:020
76	Line 4 Packaging Area Heater MAU#7	401 KAR 59:010;
	(0.238 MMBtu/hr)	401 KAR 63:020
77	Line 4 Silo Area Heater MAU#8 (0.30 MMBtu/hr)	401 KAR 59:010;
		401 KAR 63:020

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# 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. Particulate matter, opacity, SO<sub>2</sub> and VOC emissions, measured by applicable reference methods, or an equivalent or alternative method specified in 40 C.F.R. Chapter I, or by a test method specified in the state implementation plan shall not exceed the respective limitations specified herein.
- 3. To preclude the applicability of 401 KAR 52:020, total source-wide emissions of VOC from all emission units and insignificant activities shall not exceed 90 tons per year based on a consecutive twelve month rolling total. The annual emissions shall be calculated by adding monthly emissions to the previous eleven months emissions.

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

Monthly VOC emissions shall be calculated using the following formulas:

a. Natural Gas-Fired Emissions:

VOC = EF (lb/MMscf) × NG usage (MMscf/month) × (ton/2000lb) NG usage = source-wide monthly natural gas usage EF = current VOC emission factor from AP-42 Table 1.4-2

b. Chamber Oven Exhaust Emissions: The VOC emissions from the operation of the oven shall be determined based on emission factors from the equation given in "Alternate Control Technology Document for Bakery Oven Emissions" (EPA 453/R-92-017, December 1992).

$$VOC\ E.F. = 0.95Y_i + 0.195t_1 - 0.51S - 0.86t_s + 1.90$$

Where:

VOC E.F. = Emission factor in pounds of VOC per ton of dough baked

 $Y_i$  = Initial baker's percent of yeast to the nearest tenth of a percent

 $t_1 = \text{Total yeast action time in hours the nearest tenth of an hour}$ 

(Fermentation time + Floor time + proof time)

S = Final (Spike) baker's percent of yeast to the nearest tenth of a percent

 $t_s$  = Spiking time in hours to the nearest tenth of an hour

(Floor time + Final proof time)

The VOC emissions shall be calculated as follows:

 $VOC = EF (lb/ton) \times P (ton/month) \times (ton/2000lb)$ 

P = tons of product processes per month per unit

Current VOC emission factor obtained from AP-42; 9.9.6

c. Ink Jet Stencil Emissions:

 $VOC = EF (lb/gal) \times 4P (gal/month) \times (ton/2000lb)$ 

P = gallons of product processes per month per unit, we have four (4) Units/Lines

EF = current VOC emission factor supplied by the facility in the renewal application received February 27, 2025

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

#### d. Diesel Engine Emissions:

 $VOC = EF (lb/1000gal) \times fuel usage (gal/month) \times (ton/2000lb)$  EF = current VOC emission factor from AP-42 3.3-1Fuel usage = total monthly diesel fuel usage

#### e. Source-wide VOC Emissions:

Monthly VOC (ton) =  $\sum$ VOC (ton/month)

To demonstrate compliance with this emission limitation, the twelve month rolling total shall be calculated monthly and reported semi-annually (refer to Section F – Monitoring, Recordkeeping, and Reporting Requirements). The permittee shall maintain onsite, available for review by the Cabinet, a log of the twelve month rolling total.

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### **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.

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# 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].
- 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

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

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.
  - 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

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# 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 Division for Air Quality, Bowling Green Regional Office, 2642 Russellville Rd, 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.

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#### **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)].

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#### **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)].
- 1. 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.

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#### **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 this permit (F-25-022).

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#### **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.

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#### **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 82.166.
  - (5) Persons owning commercial or industrial process refrigeration equipment shall comply with the leak repair requirements pursuant to 40 CFR 82.156.
  - (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.

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### **SECTION H - ALTERNATE OPERATING SCENARIOS**

N/A

### **SECTION I - COMPLIANCE SCHEDULE**

N/A