

**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: Riken Elastomers Corporation
Mailing Address: 340 Riken Court
Hopkinsville, KY 42240

Source Name: Riken Elastomers Corporation
Mailing Address: 340 Riken Court
Hopkinsville, KY 42240

Source Location: Same as above

Permit ID: F-26-041
Agency Interest #: 83477
Activity ID: APE20260001
Review Type: Conditional Major, Operating
Source ID: 21-047-00113

Regional Office: Paducah Regional Office
130 Eagle Nest Dr
Paducah, KY 42003
270-898-8468

County: Christian

Application
Complete Date: October 7, 2026
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-26-041	Renewal	APE20260001	9/03/2026		Renewal of Permit

SECTION A - PERMIT AUTHORIZATION

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

The permittee shall not construct, reconstruct, or modify any affected facilities without first submitting a complete application and receiving a permit for the planned activity from the permitting authority, except as provided in this permit or in 401 KAR 52:030, 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

Thermoplastic Elastomers Manufacturing (Building 1)

Emission Point (Stack ID)	Description (EU Number)	Capacity (tons/year)	Installation Date	Controls	
UT103	1 st Floor Central Vacuum System (VAC1)	43.8	2007	Baghouse (UT103)	99%
	Packaging Central Vacuum Line 3 (VAC4)	43.8	2013	Baghouses (UT103 and UT203)	99%
UT203	2 nd Floor Central Vacuum System (VAC2)	43.8	2007	Baghouse (UT203)	99%
UT104	Line 1: Main Feed Tank (M-ST1), Main Feeder (MF-1), Sub Feeder (SF-1), and Side Feeder (SF-11)	9,636	2007	Baghouse (UT104)	99%
	Line 2: Main Feed Tank (M-ST2), Main Feeder (MF-2), Sub Feeder (SF-2), and Side Feeder (SF-21)	9,636	2007	Baghouse (UT104)	99%
	Line 3: Main Feed Tank (M-ST3), Main Feeder (MF-3), Sub Feeder (SF-3), and Side Feeder (SF-31)	9,636	2013	Baghouse (UT104)	99%
UT204	Ribbon Blender Line 1 (BL-1)	9,636	2007	Baghouse (UT204)	99%
	Ribbon Blender Line 2 (BL-2)	9,636	2007	Baghouse (UT204)	99%
UT404	Ribbon Blender Line 3 (BL-3)	9,636	2013	Baghouse (UT404)	99%
UT303	Packaging Central Vacuum Lines 1 and 2 (VAC3)	43.8	2007	Baghouse (UT303)	99%
UT304	Short Weight Scale (WHM-1)	240.9	2007	Baghouse (UT304)	99%
PEF-3	Line 3: Buffer Tank (PRH-3) and 2 Pneumatic Blowers (EXPB-3)	9,636	2013	Baghouse (PEF-3)	99%

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

Thermoplastic Elastomers Manufacturing (Building 1)

Emission Point (Stack ID)	Description (EU Number)	Capacity (tons/year)	Installation Date	Controls	
UT105	Line 1: Extruder (EX-1) and Vacuum Pump (EX-1-1)	9,636	2007	Submersion (UT105)	80.0% (PM only)
	Line 2: Extruder (EX-2) and Vacuum Pump (EX-2-1)	9,636	2007	Submersion (UT105)	80.0% (PM only)
	Line 3: Extruder (EX-3) and Vacuum Pump (EX-3-1)	9,636	2013	Submersion (UT105)	80.0% (PM only)

Flexible PVC Manufacturing (Building 2)

Emission Point (Stack ID)	Description (EU Number)	Capacity (tons/year)	Installation Date	Controls	
C-2-3	PVC Storage Silo with a Scale (PVC1)	34,427	2015	Baghouse (C-2-3)	99%
	No. 1 PVC Branch Hopper (C-2-7)	34,427	2015	Baghouse (C-2-3)	99%
C-2-4	PVC Storage Silo with a Scale (PVC2)	34,427	2015	Baghouse (C-2-4)	99%
	No. 2 PVC Branch Hopper (C-2-8)	34,427	2015	Baghouse (C-2-4)	99%
C-2-5	PVC Storage Silo with a Scale (PVC3)	34,427	2015	Baghouse (C-2-5)	99%
	No. 3 PVC Branch Hopper (C-2-9)	34,427	2015	Baghouse (C-2-5)	99%
C-2-6	PVC Storage Silo with a Scale (PVC4)	34,427	2015	Baghouse (C-2-6)	99%
	No. 4 PVC Branch Hopper (C-2-10)	34,427	2015	Baghouse (C-2-6)	99%
C-11-1	Central Vacuum System for Blending Area (C-11-1)	86.9	2015	Baghouse (C-11-1)	99%

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

Flexible PVC Manufacturing (Building 2)

Emission Point (Stack ID)	Description (EU Number)	Capacity (tons/year)	Installation Date	Controls	
C-11-3	Central Vacuum System for Mixing Area (C-11-3)	86.9	2015	Baghouse (C-11-3)	99%
C-11-9	Central Vacuum System for P2 Warehouse	9.1	2023	Baghouse (C-11-9)	99%
C-11-5	MA Blender (MA-8-1)	19,272	2015	Dust Collector (C-11-5)	99%
	MB Blender (MB-8-1)	9,636	2015	Dust Collector (C-11-5)	99%
	MC Blender A (MC-6-1) MC Bender B (MC-7-1)	Combined 28,470	2023	Dust Collector (C-11-5)	99%
C-11-6	Short Weight Scale/Room (C-11-6)	481.8	2015	Dust Collector (C-11-6)	99%
C-11-7	MA Raw Material Mixing Tank (MA-9-1)	19,272	2015	Dust Collector (C-11-7)	99%
	Feed Hopper for Kneader (MA-10-1)	19,272	2015	Dust Collector (C-11-7)	99%
	MB Raw Material Mixing Tank (MB-9-1)	9,636	2015	Dust Collector (C-11-7)	99%
	Feed Hopper for MB76 Mixer (MB-9-7)	9,636	2015	Dust Collector (C-11-7)	99%
	MB76 Mixer (MB-10-1)	9,636	2015	Dust Collector (C-11-7)	99%
	Dust Collection Box Dropdoor	67.45	2015	Dust Collector (C-11-7)	99%
	MC Raw Material Tank (MC-8-1)	28,470	2023	Dust Collector (C-11-7)	99%
	Raw Material Hopper Scale (MC-8-6)	28,470	2023	Dust Collector (C-11-7)	99%

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

Flexible PVC Manufacturing (Building 2)

Emission Point (Stack ID)	Description (EU Number)	Capacity (tons/year)	Installation Date	Controls	
C-11-7	MC Mixer (MC-9-1)	28,470	2023	Dust Collector (C-11-7)	99%
	Dust Collection Box Dropdoor (MC-9-10)	200	2023	Dust Collector (C-11-7)	99%
MA-12-8 (Q-12-8)	MA Kneader (MA-10-5)	19,272	2015	Mist Collector MA-12-8	90.0% (PM only)
	Pellet Transportation Cyclone System: Cyclone #1 (MA-11-8) and Cyclone #2 (MA-12-1)	19,272	2015	Mist Collector MA-12-8	90.0% (PM only)
MB-11-17 (B-1117)	MB Mixing Roll (MB-11-1)	9,636	2015	Mist Collector MB-11-17	90.0% (PM only)
MB-15-8 (B-15-8)	MB Extruder (MB-13-1)	9,636	2015	Mist Collector (MB-15-8)	90.0% (PM only)
	Pellet Transportation Cyclone System: Cyclone #1 (MB-14-8) and Cyclone #2 (MB-15-1)	9,636	2015	Mist Collector (MB-15-8)	90.0% (PM only)
MC-11-17	Mill Roll (MC-11-1)	28,470	2023	Mist Collector (MC-11-17)	90.0% (PM only)
MC-15-8	Extruder (MC-13-1)	28,470	2023	Mist Collector (MC-15-8)	90.0% (PM only)
	MC Pellet Transportation Cyclone System: Cyclone #1 (MC-14-9) and Cyclone #2 (MC-15-1)	Each 28,470	2023	Mist Collector (MC-15-8)	99.96%/ 90% (PM only)
C-3-3	No. 1 Filler Silo (FL1)	17,257	2015	Baghouse (C-3-3)	99%
C-2-13	Screwfeeder (C-3-5)	17,257	2015	Baghouse (C-2-13)	99%

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

Flexible PVC Manufacturing (Building 2)

Emission Point (Stack ID)	Description (EU Number)	Capacity (tons/year)	Installation Date	Controls	
C-3-4	No. 2 Filler Silo (FL2)	17,257	2015	Baghouse (C-3-4)	99%
C-2-13	Screwfeeder (C-3-6)	17,257	2015	Baghouse (C-2-13)	99%

APPLICABLE REGULATIONS:

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

STATE-ORIGIN REQUIREMENTS:

401 KAR 63:020, *Potentially hazardous matter or toxic substances.* EP UT105, EP MB-11-17 (EU MB-11-1), EU MA-10-5, EP MC-15-8 (EU MB-13-1), and EP MC-11-17 (EU MC-11-1).

1. Operating Limitations:

To preclude 401 KAR 52:020, the permittee shall operate each particulate matter control device in accordance with manufacturer's specifications and/or standard operating procedures at all times any of the associated emissions units listed above are in operation. [401 KAR 52:030, Section 10]

2. Emission Limitations:

- a. 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 ≤ 0.50 ton/hour: $E = 2.34$
 ii. For process weight rates > 0.50 ton/hr and ≤ 30 tons/hr: $E = 3.59P^{0.62}$

Where: E = rate of emission in lb/hr, and
 P = process weight rate in tons/hr.

Compliance Demonstration Method:

Compliance with the mass emission standard is assumed based on the potential to emit for the emission unit when properly operating the control equipment. Refer to **4. Specific Monitoring Requirements a. and c.**, and **5. Specific Recordkeeping Requirements d.**

- b. 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:

See **4. Specific Monitoring Requirements b.** and **5. Specific Recordkeeping Requirements b.**

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

- c. The permittee shall provide the utmost care and consideration, in the handling of materials from which hazardous matter or toxic substances may be emitted, to the potentially harmful effects of the emissions resulting from such activities. 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. 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 toxic 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.

- d. Refer to **SECTION D**.

3. Testing Requirements:

Performance testing using the reference methods specified in 401 KAR 50:015 shall be conducted if required by the Cabinet. [401 KAR 50:045, Section 1, and 401 KAR 59:005, Section 2(2)]

4. Specific Monitoring Requirements:

- a. The permittee shall install, calibrate, maintain, and operate a pressure drop monitoring device to monitor the differential pressure across each particulate control device. The permittee shall ensure that the monitored value is maintained within the range specified by the manufacturer or the range established during the most recent performance test. The permittee shall monitor the differential pressure across each particulate control device once per day during all times of the operation. [401 KAR 52:030, Section 10]
- b. The permittee shall perform a qualitative visual observation of the opacity of emissions at each stack no less than monthly 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]
- c. The permittee shall monitor the following, for each emission point: [401 KAR 52:030, Section 10]
 - i. The monthly total process weight;
 - ii. The monthly hours of operation.

5. Specific Recordkeeping Requirements:

- a. The permittee shall maintain records of the monitored differential pressure across each particulate control device. [401 KAR 52:030, Section 10]
- b. The permittee shall maintain records of the qualitative visual observations made as

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

specified in **4. Specific Monitoring Requirements** b., including the date, time, initials of observer, whether any emissions were observed (yes/no), any corrective action taken, and any U.S. EPA Reference Method 9 readings conducted. [401 KAR 52:030, Section 10]

- c. The permittee shall maintain records of the following, for each emission point: [401 KAR 52:030, Section 10]
 - i. The monthly total process weight;
 - ii. The monthly hours of operation.
- d. The permittee shall maintain records of the manufacturer's specifications for each particulate control device and filters. [401 KAR 52:030, Section 10]

6. Specific Reporting Requirements:

Refer to **SECTION F**.

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)**Emission Points C-7-3 (EU C-7-3) and C-7-5 (EU C-7-5)****(Flexible PVC Manufacturing, Building 2) Boilers #1 and #2****Description:**

Model:	CleaverBrooks 36 HP FLX Steam Boilers
Installation:	2015
Fuel Input Capacity:	0.0015 million standard cubic feet per hour (MMscf/hr) each
Heat Capacity:	1.5 million British thermal units per hour (MMBtu/hr) each
Fuel:	Natural Gas
Controls:	None

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 shutdown period, the permittee shall comply with the work practice standards established in 401 KAR 59:015, Section 7. [401 KAR 59:015, Section 7]

- 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 by the affected facility; [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 affected facility during startup periods and shutdown periods; [401 KAR 59:015, Section 7(1)(c)]
- d. The actions, including duration of the startup period, of the permittee 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:

See 5. **Specific Recordkeeping Requirements** b.

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)**2. Emission Limitations:**

- a. The permittee shall not cause emissions of particulate matter in excess of 0.52 lb/mmBtu actual heat input. [401 KAR 59:015, Section 4(1)(c)]
- b. The permittee shall not cause emissions of sulfur dioxide (SO₂) in excess of 2.59 lb/mmBtu actual heat input. [401 KAR 59:015, Section 5(1)(c)]
- c. The permittee shall not cause emissions of particulate matter in excess of 20 percent opacity, except: [401 KAR 59:015, Section 4(2)]
 - i. A maximum of 40 percent opacity shall be allowed for a maximum of 6 consecutive minutes in any 60 consecutive minutes during fire box cleaning or soot blowing; and [401 KAR 59:015, Section 4(2)(b)]
 - ii. 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 the manufacturer's recommendations. [401 KAR 59:015, Section 4(2)(c)]

Compliance Demonstration Method:

Compliance with the 401 KAR 59:015 emission standards is assumed. [401 KAR 50:045, Section 4(3)(c)1.]

- d. The permittee shall provide the utmost care and consideration, in the handling of materials from which hazardous matter or toxic substances may be emitted, to the potentially harmful effects of the emissions resulting from such activities. 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. 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 toxic 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.

- e. Refer to **SECTION D**.

3. Testing Requirements:

Performance testing using the reference methods specified in 401 KAR 50:015 shall be conducted if required by the Cabinet. [401 KAR 50:045, Section 1, and 401 KAR 59:005, Section 2(2)]

4. Specific Monitoring Requirements:

The permittee shall monitor the amount of natural gas combusted, in MMscf, on a monthly basis. [401 KAR 52:030, Section 10]

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

5. Specific Recordkeeping Requirements:

- a. The permittee shall maintain records of the amount of natural gas combusted, in MMscf, on a monthly basis. [401 KAR 52:030, Section 10]
- 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 action taken. [401 KAR 52:030, Section 10]

6. Specific Reporting Requirements:

Refer to **SECTION F**.

SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)**Emission Points MAU-1 and MAU-5****(Thermoplastic Resin Facility)****Description:**

MAU-1

Manufacturer: Greenheck

Model No.: DGX-118-H32

Main access unit (HVAC)

Installation Date: 7/1/2006

Capacity: 1.3 MMBtu/hr

Fuel: Natural Gas

MAU-5

Manufacturer: Greenheck

Model No.: DGX-112-H22

Main access unit (HVAC)

Installation Date: 7/1/2006

Capacity: 1.88 MMBtu/hr

Fuel: Natural Gas

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 shutdown period, the permittee shall comply with the work practice standards established in 401 KAR 59:015, Section 7. [401 KAR 59:015, Section 7]

- 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 by the affected facility; [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 affected facility during startup periods and shutdown periods; [401 KAR 59:015, Section 7(1)(c)]
- d. The actions, including duration of the startup period, of the permittee 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.]

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

- 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:

See 5. Specific Recordkeeping Requirements b.

2. Emission Limitations

- a. The permittee shall not cause emissions of particulate matter in excess of 0.56 lb/MMBtu actual heat input. [401 KAR 59:015, Section 4(1)(a)]
- b. The permittee shall not cause emissions of sulfur dioxide (SO₂) in excess of 3.0 lb/MMBtu actual heat input. [401 KAR 59:015, Section 5(1)(a)]
- c. The permittee shall not cause emissions of particulate matter in excess of 20 percent opacity, except: [401 KAR 59:015, Section 4(2)]
 - i. A maximum of 40 percent opacity shall be allowed for a maximum of 6 consecutive minutes in any 60 consecutive minutes during fire box cleaning or soot blowing; and [401 KAR 59:015, Section 4(2)(b)]
 - ii. 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 the manufacturer's recommendations. [401 KAR 59:015, Section 4(2)(c)]

Compliance Demonstration Method:

Compliance with the 401 KAR 59:015 emission standards is assumed. [401 KAR 50:045, Section 4(3)(c)1.].

- d. The permittee shall provide the utmost care and consideration, in the handling of materials from which hazardous matter or toxic substances may be emitted, to the potentially harmful effects of the emissions resulting from such activities. 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. 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.

- e. Refer to **SECTION D**.

3. Testing Requirements:

Performance testing using the reference methods specified in 401 KAR 50:015 shall be conducted if required by the Cabinet. [401 KAR 50:045, Section 1, and 401 KAR 59:005, Section 2(2)]

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

4. Specific Monitoring Requirements:

The permittee shall monitor the amount of natural gas combusted, in MMscf, on a monthly basis. [401 KAR 52:030, Section 10]

5. Specific Recordkeeping Requirements:

- a. The permittee shall maintain records of the amount of natural gas combusted, in MMscf, on a monthly basis. [401 KAR 52:030, Section 10]
- 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 action taken. [401 KAR 52:030, Section 10]

6. Specific Reporting Requirements:

Refer to **SECTION F**.

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

Emission Points MAU-6 through MAU-9 – Indirect Heat Exchangers

(Flexible PVC Facility)

Description:

MAU-6

Manufacturer: Greenheck
Model No.: DGX-125-H35
Main access unit (HVAC)
Installation Date: 6/2015
Capacity: 2.0 MMBtu/hr
Fuel: Natural Gas

MAU-7

Manufacturer: Greenheck
Model No.: DGX-125-H35
Main access unit (HVAC)
Installation Date: 6/2015
Capacity: 2.0 MMBtu/hr
Fuel: Natural Gas

MAU-8

Manufacturer: Greenheck
Model No.: DGX-125-H35
Main access unit (HVAC)
Installation Date: 6/2015
Capacity: 2.0 MMBtu/hr
Fuel: Natural Gas

MAU-9

Manufacturer: Greenheck
Model No.: DGX-125-H35
Main access unit (HVAC)
Installation Date: 6/2015
Capacity: 2.0 MMBtu/hr
Fuel: Natural Gas

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 shutdown period, the permittee shall comply with the work practice standards established in 401 KAR 59:015, Section 7. [401 KAR 59:015, Section 7]

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

- 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 by the affected facility; [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 affected facility during startup periods and shutdown periods; [401 KAR 59:015, Section 7(1)(c)]
- d. The actions, including duration of the startup period, of the permittee 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:

See 5. **Specific Recordkeeping Requirements** b.

2. Emission Limitations:

- a. The permittee shall not cause emissions of particulate matter in excess of 0.52 lb/MMBtu actual heat input. [401 KAR 59:015, Section 4(1)(c)]
- b. The permittee shall not cause emissions of sulfur dioxide (SO₂) in excess of 2.59 lb/MMBtu. [401 KAR 59:015, Section 5(1)(c)]
- c. The permittee shall not cause emissions of particulate matter in excess of 20 percent opacity, except: [401 KAR 59:015, Section 4(2)]
 - i. A maximum of 40 percent opacity shall be allowed for a maximum of 6 consecutive minutes in any 60 consecutive minutes during fire box cleaning or soot blowing; and [401 KAR 59:015, Section 4(2)(b)]
 - ii. 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 the manufacturer's recommendations. [401 KAR 59:015, Section 4(2)(c)]

Compliance Demonstration Method:

Compliance with the 401 KAR 59:015 emission standards is assumed. [401 KAR 50:045, Section 4(3)(c)1.]

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

- d. The permittee shall provide the utmost care and consideration in the handling of materials from which hazardous matter or toxic substances may be emitted, to the potentially harmful effects of the emissions resulting from such activities. 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. 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 toxic 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.

- e. Refer to **SECTION D**.

3. Testing Requirements:

Performance testing using the reference methods specified in 401 KAR 50:015 shall be conducted if required by the Cabinet. [401 KAR 50:045, Section 1, and 401 KAR 59:005, Section 2(2)]

4. Specific Monitoring Requirements:

The permittee shall monitor the amount of natural gas combusted, in MMscf, on a monthly basis. [401 KAR 52:030, Section 10]

5. Specific Recordkeeping Requirements:

- a. The permittee shall maintain records of the amount of natural gas combusted, in MMscf, on a monthly basis. [401 KAR 52:030, Section 10]
- 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 action taken. [401 KAR 52:030, Section 10]

6. Specific Reporting Requirements:

Refer to **SECTION F**.

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.

Thermoplastic Resin Facility

<u>Facility ID</u>	<u>Emission Unit</u>	<u>Description</u>	<u>Generally Applicable Regulation</u>
TPE-1	MO-1 [PL1]	One (1) Oil A Storage Tank, 13210 gallons	None
TPE-2	MO-2 [PL2]	One (1) Oil B Storage Tank, 22000 gallons	None
TPE-3	WP-1, WP-2, WP-3	Three (3) Oil A, B, and C Receiving and Metering Tanks, 132 gallons each	None
TPE-4	SEP-1	One (1) SEP Storage Tank, 528 gallons	401 KAR 63:010
TPE-5	WS-1, WS-3	Two (2) SEP Rec. and Measuring Tank, 3400 lb/hr each	401 KAR 59:010
TPE-6	WS-1-1	One (1) Pneumatic Vacuum Blower, 3400 lb/hr	401 KAR 59:010
TPE-7	MIX-1, MIX-3	Two (2) Mixers, 1028 lb/hr each	401 KAR 63:010
TPE-8	H-ST1, H-ST2, H-ST3	Three (3) Bag Dump Hoppers, 550 lb/hr each	401 KAR 63:010
TPE-9	H-ST11, H-ST21, H-ST31	Three (3) Hoppers, 110 lb/hr each	401 KAR 63:010
TPE-10	WEXPL-1, WEXPL-2, WEXPL-3	Three (3) Liquid Addition Pump Units	None
TPE-11	PST-1, PST-2, PST-3	Three (3) Circulation Tanks, 110 lb/hr each	401 KAR 63:010
TPE-12	PBF-1, PBF-2, PBF-3	Three (3) Vibrating Feeders	401 KAR 63:010
TPE-13	PWH-1, PWH-2, PWH-3	Three (3) Weigh Hoppers	401 KAR 63:010
TPE-14	CT-1	One (1) Cooling Tower	401 KAR 59:010
TPE-15	RTU-1, RTU-2, RTU-3, RTU-4, RTU-5, RTU-6, RTU-7, RTU-8, RTU-9, RTU-10	Ten (10) Roof Top Units (RTU) <1 mmBtu/hr, natural gas used	401 KAR 63:020
TPE-16	MAU-2, MAU-3, MAU-4	Three (3) Main Access Units (MAU) <1 mmBtu/hr, natural gas used	401 KAR 63:020
TPE-17	Multiple	AC Units	None
TPE-18	PEF-1	Line 1: Buffer Tank (PRH-1) and Pneumatic Blower (EXPB-1)	None
TPE-19	PEF-2	Line 2: Buffer Tank (PRH-2) and Pneumatic Blower (EXPB-2)	None

SECTION C - INSIGNIFICANT ACTIVITIES (CONTINUED)**Flexible PVC Facility**

<u>Facility ID</u>	<u>Emission Unit</u>	<u>Description</u>	<u>Generally Applicable Regulation</u>
FPVC-1	RTU-11, RTU-12, RTU-13	Three (3) Rooftop Units (<1mmBTU/hr, natural gas used)	401 KAR 63:020
FPVC-2	UH-1, UH-2, UH-3, UH-4, UH-5, UH-6	Six (6) Unit Heaters (<1mmBTU/hr, natural gas used)	401 KAR 63:020
FPVC-3	CT-3	One (1) Cooling Tower	401 KAR 59:010
FPVC-4	C-1-10	Railcar PVC Unloading Transition	401 KAR 59:010
FPVC-5	PL1, PL2	Two (2) Plasticizer Storage Tanks, 23,000 gal each	None
FPVC-6	PL3, PL4, PL5, PL6, PL9	Five (5) Plasticizer Storage Tanks, 15,900 gal each	None
FPVC-7	PL8	One (1) Plasticizer Storage Tank 29,000 gal	None
FPVC-8	MA-1-3, MB-1-3, MC-1-3	Three (3) PVC Hopper Scales	401 KAR 63:010
FPVC-9	MA-2-2, MA-2-5, MB-2-2, MB-2-5, MC-2-2, MC-2-5	Six (6) Filler Stock Hoppers	401 KAR 59:010
FPVC-10	MA-2-7, MB-2-7, MC-2-7	Three (3) Filler Hopper Scales	401 KAR 63:010
FPVC-11	MA-3-1, MA-4-1, MA-5-1, MA-6-1, MB-3-1, MB-4-1, MB-5-1, MB-6-1, MC-3-1, MC-4-1	Ten (10) Plasticizer Hopper Scales	None
FPVC-12	MC-5-1	Stabilizer Hopper Scale	None
FPVC-13	MA-11-1, MB-14-1, MC-14-1	Three (3) Cooling Equipment (Pellet Cooling Cyclone)	401 KAR 63:020, 401 KAR 59:010

SECTION C - INSIGNIFICANT ACTIVITIES (CONTINUED)

<u>Facility ID</u>	<u>Emission Unit</u>	<u>Description</u>	<u>Generally Applicable Regulation</u>
FPVC-14	MA-12-10, MA-11-10, MA-12-2, MB-15-10, MB-15-2, MC-15-10, MC-15-2	Seven (7) Bin Tanks	401 KAR 63:010
FPVC-15	MA-11-6, MB-14-16, MC-14-16	Three (3) Final Product Pellet Filling	401 KAR 63:010
FPVC-16	QC-15	Quality Laboratory	401 KAR 59:010
FPCV-17	C-11-9	Central Vacuum System for P2 Warehouse	401 KAR 59:010

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, PM₁₀, PM_{2.5}, and SO₂ 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, Title V permits, the total source-wide actual PM, PM₁₀, and PM_{2.5} emissions shall not exceed 90.0 tons per year on a twelve (12) consecutive month basis.

Compliance Demonstration Method:

- a. Compliance shall be determined by calculating and recording monthly emission rates and rolling 12-month total emissions of PM.
- b. Actual emission rate for PM shall be calculated using the following equation:

$$Emissions \left(\frac{\text{tons}}{\text{month}} \right) = \sum \left(\frac{EF \times P}{2000 \frac{\text{lb}}{\text{ton}}} \times (1 - \text{Control Efficiency}) \right)$$

Where EF is the PM/PM₁₀/PM_{2.5} emission factor most recently approved by the Division, Control Efficiency is the value listed in **Section B**, and P is the amount processed per month.

- c. A report of the consecutive twelve (12) month totals of PM emissions from all emission points in **Sections B** and **C** of the permit, including all calculations, shall be maintained onsite and be submitted as part of the semi-annual report required by **Section F.6**. Refer to **Sections F.5, F.7** and **F.8**.

SECTION E - SOURCE CONTROL EQUIPMENT REQUIREMENTS

1. 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 Division for Air Quality, Paducah Regional Office, 130 Eagle Nest Drive, Paducah, KY 42003.
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.
- p. This permit consolidates the authority of any previously issued PSD, NSR, or Synthetic

SECTION G - GENERAL PROVISIONS (CONTINUED)

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-26-041.

5. Testing Requirements

- a. Pursuant to 401 KAR 50:045, Section 2, a source required to conduct a performance test

SECTION G - GENERAL PROVISIONS (CONTINUED)

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.
- (5) Notification of the Division does not relieve the source of any other local, state or federal notification requirements.

SECTION G - GENERAL PROVISIONS (CONTINUED)

- 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.

SECTION H - ALTERNATE OPERATING SCENARIOS

None

SECTION I - COMPLIANCE SCHEDULE

None