

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

**Draft**

**AIR QUALITY PERMIT  
Issued under 401 KAR 52:020**

**Permittee Name:** Pratt Paper (KY), LLC /  
Pratt (Henderson Corrugating), LLC  
**Mailing Address:** 6303 Highway 425  
Henderson, KY 42420

**Source Name:** Pratt Paper (KY), LLC /  
Pratt (Henderson Corrugating), LLC  
**Mailing Address:** 6303 Highway 425  
Henderson, KY 42420

**Source Location:** 6303 Highway 425

**Permit:** V-21-034 R2  
**Agency Interest:** 169648  
**Activity:** APE20230004  
**Review Type:** Title V, Operating, Significant Revision  
**Source ID:** 21-101-00167

**Regional Office:** Owensboro Regional Office  
3032 Alvey Park Dr. W., Suite 700  
Owensboro, KY 42303  
(270) 687-7304

**County:** Henderson

**Application**  
**Complete Date:** August 19, 2021  
**Issuance Date:** January 17, 2022  
**Revision Date:**  
**Expiration Date:** January 17, 2027

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

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Permit	Permit Type	Activity#	Complete Date	Issuance Date	Summary of Action
V-21-034	Initial	APE20210001	8/19/2021	1/17/2022	Initial Construction Permit
V-21-034 R1	Minor Revision	APE20220002	3/30/2022	8/12/2022	Revision to modify throughputs on boilers & combustion units
V-21-034 R2	Sig Revision	APE20230004	11/22/2023		Revision to add EU 16 with 1,000-hour annual operating limit. Throughputs of various equipment updated.

## **SECTION A - PERMIT AUTHORIZATION**

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

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

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

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

**EU 01: Mill Boiler #1 (Rentech)**

**Description:**

Maximum Continuous Rating:	428.0 MMBtu/hr
Construction commenced:	9/2022
Fuels:	Natural Gas & Biogas
Control:	Low NOx Burners, FGR and O <sub>2</sub> Trim System

**APPLICABLE REGULATIONS:**

**401 KAR 51:160**, NOx requirements for large utility and industrial boilers

**401 KAR 51:190**, Banking and trading NOx allowances

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

**401 KAR 60:005, Section 2(2)(c)** 40 C.F.R. 60.40b to 60.49b (Subpart Db), Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units

**1. Operating Limitations:**

- 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 of each affected facility 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,
  - 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.

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

- f. To preclude applicability of 40 CFR 60.42b, 40 CFR 60.43b, and 40 CFR 60.48b, the units shall use only natural gas and biogas that contains no more than 0.30 weight percent sulfur [40 CFR 60.42b(k)(2); 40 CFR 60.43b(h)(5); and 40 CFR 60.48b(j)(7)].

Compliance Demonstration Method:

Compliance shall be demonstrated according to 5. **Specific Recordkeeping Requirements d. and f. and 6. Specific Reporting Requirements i.**

2. **Emission Limitations:**

- a. Particulate matter (PM) emissions from each stack shall not exceed

0.10 lbs/MMBtu [401 KAR 59:015, Section 4(1)(c)].

Compliance Demonstration Method:

Units are assumed in compliance with the 401 KAR 59:015 PM emission standard while combusting natural gas or biogas based on AP-42 emission factors or manufacturer specifications.

- b. Opacity emissions from each stack shall not exceed 20 percent opacity except [401 KAR 59:015, Section 4(2)]:

A maximum of 27 percent opacity shall be allowed for one six minute period in any 60 consecutive minutes [401 KAR 59:015, Section 4(2)(a)];

For emissions 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:

These units are assumed to be in compliance with the 401 KAR 59:015 opacity standard while combusting natural gas or biogas.

- c. Sulfur dioxide (SO<sub>2</sub>) emissions from each stack shall not exceed 0.8 lb/MMBtu [401 KAR 59:015, Section 5(1)].

Compliance Demonstration Method:

Units are assumed to be in compliance with the 401 KAR 59:015 SO<sub>2</sub> emission standard while combusting natural gas or biogas based on AP-42 emission factors or manufacturer specifications.

- d. Emissions of nitrogen oxides (expressed as NO<sub>2</sub>) from each stack shall not exceed 0.20 lb/MMBtu based on a 30-day rolling average [40 CFR 60.44b(a) and (i)]. This NO<sub>x</sub> standard applies at all times including periods of startup, shutdown, or malfunction [40 CFR 60.44b(h)].

**SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)**Compliance Demonstration Method:

Compliance shall be demonstrated by performance testing under 40 CFR 60.46b(e), recordkeeping, and reporting [40 CFR 60.46b(c)]. See **3. Testing Requirements a.**, **4. Specific Monitoring Requirements b. and c.** (as applicable), **5. Specific Recordkeeping Requirements b. and e.** and **6. Specific Reporting Requirements c. through h.**

- e. Pursuant to 401 KAR 51:160, Section 4(6)(a), the permittee shall limit NO<sub>x</sub> emissions to 50 tons per year.

Compliance Demonstration Method:

The NO<sub>x</sub> authorized account representative of the source shall submit to the Division and the Administrator, a compliance certification report for the affected unit.

**3. Testing Requirements:**

- a. Following the date on which the initial performance test is completed, the permittee shall upon request determine compliance with the NO<sub>x</sub> standards in 40 CFR 60.44b through the use of a 30-day performance test. During periods when performance tests are not requested, NO<sub>x</sub> emissions data collected pursuant to 40 CFR 60.48b(g)(1) or 40 CFR 60.48b(g)(2) shall be used to calculate a 30-day rolling average emission rate on a daily basis and used to prepare excess emission reports, but will not be used to determine compliance with the NO<sub>x</sub> emission standards. A new 30-day rolling average emission rate shall be calculated for each steam generating unit operating day as the average of all of the hourly NO<sub>x</sub> emission data for the preceding 30 steam generating unit operating days [40 CFR 60.46b(e)(4)].
- b. The permittee shall conduct an initial performance test to determine CO emission factor, in units of lb/MMBtu using EPA Method 10 or alternative method as approved by Administrator.
- c. Testing shall be conducted at such time 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 amount of natural gas combusted (in MMscf) and biogas combusted during each day. [40 CFR 60.49b(d)(1)]
- b. The permittee shall [40 CFR 60.48b(g)]:
- i. Comply with the provisions of paragraphs (b), (c), (d), (e)(2), (e)(3), and (f) of 40 CFR 60.48b (NO<sub>x</sub> CEMS) [40 CFR 60.48b(g)(1)]; or

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

- ii. Monitor steam generating unit operating conditions and predict NO<sub>x</sub> emission rates as specified in a plan submitted pursuant to 40 CFR 60.49b(c) [40 CFR 60.48b(g)(2)]. See **6. Specific Reporting Requirements d.**
- c. If the option to operate NO<sub>x</sub> CEMS is selected, the permittee shall install, calibrate, maintain, and operate CEMS for measuring NO<sub>x</sub> and O<sub>2</sub> (or CO<sub>2</sub>) emissions discharged to the atmosphere, and shall record the output of the system [40 CFR 60.48b(b)(1)].
  - i. The CEMS shall be operated and data recorded during all periods of operation of the affected facility except for CEMS breakdowns and repairs. Data is recorded during calibration checks, and zero and span adjustments [40 CFR 60.48b(c)].
  - ii. The 1-hour average NO<sub>x</sub> emission rates measured by the continuous NO<sub>x</sub> monitor shall be expressed in ng/J or lb/MMBtu heat input and shall be used to calculate the average emission rates under 40 CFR 60.44b. The 1-hour averages shall be calculated using the data points required under 40 CFR 60.13(h)(2) [40 CFR 60.48b(d)].
  - iii. The procedures under 40 CFR 60.13 shall be followed for installation, evaluation, and operation of the continuous monitoring systems [40 CFR 60.48b(e)].
  - iv. The NO<sub>x</sub> CEMS span value is 500 ppm [40 CFR 60.48b(e)(2)(i)]. As an alternative to meeting the requirements in 40 CFR 60.48b(e)(2)(i), the permittee may elect to use the NO<sub>x</sub> span values determined according to section 2.1.2 in appendix A to part 75 of this chapter. [40 CFR 60.48b(e)(2)(ii)]
  - v. When NO<sub>x</sub> emission data are not obtained because of CEMS breakdowns, repairs, calibration checks and zero and span adjustments, emission data will be obtained by using standby monitoring systems, Method 7 or 7A of appendix A to 40 CFR Part 60 or other approved reference methods to provide emission data for a minimum of 75 percent of the operating hours in each steam generating unit operating day, in at least 22 out of 30 successive steam generating unit operating days [40 CFR 60.48b(f)].
- d. Pursuant to 401 KAR 51:160, the permittee shall monitor the total NO<sub>x</sub> emissions per year.

**5. Specific Recordkeeping Requirements:**

- a. The permittee shall maintain records of the amount of natural gas combusted (in MMscf) and biogas combusted each day. [40 CFR 60.49b(d)(1)]
- b. The permittee shall maintain records of the following information for each steam generating unit operating day [40 CFR 60.49b(g)]:

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

- i. Calendar date;
  - ii. The average hourly NO<sub>x</sub> emission rates (expressed as NO<sub>2</sub>) (ng/J or lb/MMBtu heat input) measured or predicted;
  - iii. The 30-day average NO<sub>x</sub> emission rates (ng/J or lb/MMBtu heat input) calculated at the end of each steam generating unit operating day from the measured or predicted hourly nitrogen oxide emission rates for the preceding 30 steam generating unit operating days;
  - iv. Identification of the steam generating unit operating days when the calculated 30-day average NO<sub>x</sub> emission rates are in excess of the NO<sub>x</sub> emissions standards under 40 CFR 60.44b, with the reasons for such excess emissions as well as a description of corrective actions taken;
  - v. Identification of the steam generating unit operating days for which pollutant data have not been obtained, including reasons for not obtaining sufficient data and a description of corrective actions taken;
  - vi. Identification of the times when emission data have been excluded from the calculation of average emission rates and the reasons for excluding data;
  - vii. Identification of “F” factor used for calculations, method of determination, and type of fuel combusted;
  - viii. Identification of the times when the pollutant concentration exceeded full span of the CEMS;
  - ix. Description of any modifications to the CEMS that could affect the ability of the CEMS to comply with Performance Specification 2 or 3; and
  - x. Results of daily CEMS drift tests and quarterly accuracy assessments as required under appendix F, Procedure 1 of 40 CFR Part 60.
- c. The permittee shall obtain and maintain at the affected facility fuel receipts (such as a current, valid purchase contract, tariff sheet, or transportation contract) from the fuel supplier that certify that the gaseous fuel meets the definition of natural gas as defined in 40 CFR 60.41b and the applicable sulfur limit. For the purposes of 40 CFR 60, Subpart Db the distillate oil need not meet the fuel nitrogen content specification in the definition of distillate oil [40 CFR 60.49b(r)(1)].
  - d. The permittee shall maintain records of all performance tests [40 CFR 60.49b, 401 KAR 52:020, Section 10].



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

- e. All records required under 40 CFR 60.49b shall be maintained for a period of 2 years following the date of such record [40 CFR 60.49b(o)], and five years per **Section F - Monitoring, Recordkeeping, and Reporting Requirements 2**.
- f. Pursuant to 401 KAR 51:160, the permittee shall maintain records of the total NO<sub>x</sub> emissions per year.

**6. Specific Reporting Requirements:**

- a. The permittee shall calculate the annual capacity factor individually for natural gas and biogas for the reporting period. The annual capacity factor is determined on a 12-month rolling average basis with a new annual capacity factor calculated at the end of each calendar month. [40 CFR 60.49b(d)(1)]
- b. The permittee shall submit notification of the date of initial startup, as provided by 40 CFR 60.7. This notification shall include [40 CFR 60.49b(a)]:
  - i. The design heat input capacity of the affected facility and identification of the fuels to be combusted in the affected facility; and
  - ii. The annual capacity factor at which the permittee anticipates operating the facility based on all fuels fired and based on each individual fuel fired.
- c. The permittee of each affected facility subject to the SO<sub>2</sub>, PM, or NO<sub>x</sub> emission limits under 40 CFR 60.42b, 60.43b, and 60.44b shall submit to the Administrator the performance test data from the initial performance test and the performance evaluation of the CEMS using the applicable performance specifications in Appendix B of 40 CFR Part 60 [40 CFR 60.49b(b)].
- d. The permittee of each affected facility subject to the NO<sub>x</sub> standard in 40 CFR 60.44b who seeks to demonstrate compliance with those standards through the monitoring of steam generating unit operating conditions in the provisions of 40 CFR 60.48b(g)(2) shall submit to the Administrator for approval a plan that identifies the operating conditions to be monitored in 40 CFR 60.48b(g)(2) and the records to be maintained in 40 CFR 60.49b(g). This plan shall be submitted to the Administrator for approval within 360 days of the initial startup of the affected facility. If the plan is approved, the permittee shall maintain records of predicted nitrogen oxide emission rates and the monitored operating conditions, including steam generating unit load, identified in the plan. The plan shall [40 CFR 60.49b(c)]:

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

- i. Identify the specific operating conditions to be monitored and the relationship between these operating conditions and NO<sub>x</sub> emission rates (*i.e.*, ng/J or lbs/MMBtu heat input). Steam generating unit operating conditions include, but are not limited to, the degree of staged combustion (*i.e.*, the ratio of primary air to secondary and/or tertiary air) and the level of excess air (*i.e.*, flue gas O<sub>2</sub> level) [40 CFR 60.49b(c)];
  - ii. Include the data and information that the permittee used to identify the relationship between NO<sub>x</sub> emission rates and these operating conditions; and
  - iii. Identify how these operating conditions, including steam generating unit load, will be monitored under 40 CFR 60.48b(g) on an hourly basis by the permittee during the period of operation of the emission units; the quality assurance procedures or practices that will be employed to ensure that the data generated by monitoring these operating conditions will be representative and accurate; and the type and format of the records of these operating conditions, including steam generating unit load, that will be maintained by the permittee under 40 CFR 60.49b(g).
- e. The permittee shall submit excess emission reports for any excess emissions that occurred during the reporting period [40 CFR 60.49b(h)]. For purposes of 40 CFR 60.48b(g)(1), excess emissions are defined as any calculated 30-day rolling average NO<sub>x</sub> emission rate, as determined under 40 CFR 60.46b(e), that exceeds the applicable emission limits in 40 CFR 60.44b [40 CFR 60.49b(h)(4)].
  - f. The permittee shall submit reports of the following information for each steam generating unit operating day [40 CFR 60.49b(i)]:
    - i. Calendar date;
    - ii. The average hourly NO<sub>x</sub> emission rates (expressed as NO<sub>2</sub>) (ng/J or lb/MMBtu heat input) measured or predicted
    - iii. The 30-day average NO<sub>x</sub> emission rates (ng/J or lb/MMBtu heat input) calculated at the end of each steam generating unit operating day from the measured or predicted hourly nitrogen oxide emission rates for the preceding 30 steam generating unit operating days;
    - iv. Identification of the steam generating unit operating days when the calculated 30-day average NO<sub>x</sub> emission rates are in excess of the NO<sub>x</sub> emissions standards under 40 CFR 60.44b, with the reasons for such excess emissions as well as a description of corrective actions taken;
    - v. Identification of the steam generating unit operating days for which pollutant data have not been obtained, including reasons for not obtaining sufficient data and a description of corrective actions taken;

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

- vi. Identification of the times when emission data have been excluded from the calculation of average emission rates and the reasons for excluding data;
  - vii. Identification of “F” factor used for calculations, method of determination, and type of fuel combusted;
  - viii. Identification of the times when the pollutant concentration exceeded full span of the CEMS;
  - ix. Description of any modifications to the CEMS that could affect the ability of the CEMS to comply with Performance Specification 2 or 3; and
  - x. Results of daily CEMS drift tests and quarterly accuracy assessments as required under appendix F, Procedure 1 of 40 CFR Part 60.
- g. The permittee may submit electronic quarterly reports for NO<sub>x</sub> in lieu of submitting the written reports required under paragraphs 40 CFR 60.49b(h), (i), (j), (k) or (l). The format of each quarterly electronic report shall be coordinated with the permitting authority. The electronic report(s) shall be submitted no later than 30 days after the end of the calendar quarter and shall be accompanied by a certification statement from the permittee, indicating whether compliance with the applicable emission standards and minimum data requirements of 40 CFR 60 Subpart Db was achieved during the reporting period. Before submitting reports in the electronic format, the permittee shall coordinate with the permitting authority to obtain their agreement to submit reports in this alternative format [40 CFR 60.49b(v)].
- h. The reporting period for the reports required under 40 CFR 60, Subpart Db is each 6 month period. All reports shall be submitted to the Administrator and shall be postmarked by the 30th day following the end of the reporting period [40 CFR 60.49b(w)]
- i. Reports shall be submitted to the Administrator certifying that only very low sulfur oil meeting the definition in 40 CFR 60, Subpart Db, natural gas, wood, and/or other fuels that are known to contain insignificant amounts of sulfur were combusted in the affected facility during the reporting period [40 CFR 60.49b(r)(1)].
- j. See Section F - Monitoring, Recordkeeping, and Reporting Requirements.

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

N/A

**8. Alternate Operating Scenario:**

See Emission Unit 16 for operation of rental boilers when the Mill boiler (EU 01) is down for routine maintenance or unplanned outages.

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

**EU 02: Stock Prep**

**Description:**

Hydropulping and stock prep/wet end operations  
Construction commenced: 7/2023

**APPLICABLE REGULATIONS:**

None

**1. Operating Limitations:**

None

**2. Emission Limitations:**

None

**3. Testing Requirements:**

Testing shall be conducted at such times as may be required by the Cabinet in accordance with Regulation 401 KAR 50:045 Section 4.

**4. Specific Monitoring Requirements:**

None

**5. Specific Recordkeeping Requirements:**

The permittee shall maintain a monthly log of the oven-dried tons of pulp (paper slurry/recycled paper fibers) used.

**6. Specific Reporting Requirements:**

See Section F – Monitoring, Recordkeeping and Reporting Requirements.

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

**EU 03: Paper Machine**

**Description:**

Paper machine, predryer and afterdryer hoods and vacuum roll exhausts  
Construction commenced: 12/2022

**APPLICABLE REGULATIONS:**

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

**1. Operating Limitations:**

The permittee shall operate the process as indicated in the RAP analysis submitted pursuant to 401 KAR 50:012, Section 1(2).

**2. Emission Limitations:**

None

**3. Testing Requirements:**

Testing shall be conducted at such times as may be required by the Cabinet in accordance with Regulation 401 KAR 50:045 Section 4.

**4. Specific Monitoring Requirements:**

None

**5. Specific Recordkeeping Requirements:**

The permittee shall maintain records of the VOC content of materials and additives used in the process.

**6. Specific Reporting Requirements:**

See Section F – Monitoring, Recordkeeping and Reporting Requirements.

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

**EU 04: WWTP anaerobic digester/reactor**

**Description:** Biological scrubber system and flare used to control biogas/methane from anaerobic wastewater pretreatment process.

Construction commenced: 7/2022.

Control (flare): 98% for H<sub>2</sub>S and methane. Control (biological scrubber system): 98% for H<sub>2</sub>S

**APPLICABLE REGULATIONS:**

**401 KAR 63:015**, Flares

*Applicable to H<sub>2</sub>S emissions*

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

**1. Operating Limitations:**

Pursuant to 401 KAR 53:010

- a. The flare shall be operated with a flame present at all times.
- b. The flare shall be operated at all times when emissions are vented to it.
- c. The scrubber shall operate at all times when pretreatment process runs.

**2. Emission Limitations:**

- a. Pursuant to 401 KAR 63:015 Section 3, the permittee shall not cause, suffer, or allow the emission into the open air of particulate matter from the flare which is greater than twenty (20) percent opacity for more than three (3) minutes in any one (1) day.

**Compliance Demonstration Method:**

Compliance with the opacity standard shall be determined by the permittee performing a qualitative visual observation of the opacity of emissions no less than weekly and maintaining a log of the observations.

- b. H<sub>2</sub>S inlet concentration to the flare shall be less than or equal to 250 ppmv.

**Compliance Demonstration Method:**

See **4. Specific Monitoring Requirements.**

- c. Pursuant to 401 KAR 53:010, total emissions of hydrogen sulfide (H<sub>2</sub>S) from each affected facility shall not exceed the primary and secondary ambient air quality standards.

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

The source is in compliance with 401 KAR 53:010 based on the maximum flare inlet concentration of H<sub>2</sub>S (250 ppmv) provided in the application submitted by the source. If the source alters process parameters, control equipment, or any other factor that would result in increased emissions of H<sub>2</sub>S, the source shall submit the appropriate application forms to the Division.

**3. Testing Requirements:**

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

**4. Specific Monitoring Requirements:**

For a period of 180 days, the permittee shall measure and record the H<sub>2</sub>S concentration in ppmv at the flare inlet once per day. If the daily H<sub>2</sub>S concentration value is less than or equal to 225 ppmv for a continuous 180 day period, then the facility may monitor H<sub>2</sub>S concentration on a weekly basis. If the weekly H<sub>2</sub>S concentration exceeds 225 ppmv, then the facility shall revert to daily H<sub>2</sub>S monitoring.

**5. Specific Recordkeeping Requirements:**

- a. Pursuant to 401 KAR 50:055, the following information shall be recorded and kept in a readily accessible location: Weekly Opacity Observation Logs, Corrective action taken (if any), Method 9 testing (if performed).
- b. The permittee shall keep records of the H<sub>2</sub>S concentration in ppmv measured at the flare inlet at the frequency specified in section B.4.

**6. Specific Reporting Requirements:**

- a. The permittee shall report any occurrences in which the H<sub>2</sub>S concentration at the flare inlet exceeds 250 ppmv within 30 days of the occurrence to the Owensboro regional office.
- b. See Section F – Monitoring, Recordkeeping and Reporting Requirements.

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

**EU 05: Mill Air Make-Up Units (7 Units)**

**Description:**

Maximum Continuous Rating:	6 units, 10.2 MMBtu/hr, each 1 unit, 0.8 MMBtu/hr (62 MMBtu/hr, total)
Construction commenced:	10/2022
Fuels:	Natural Gas
Control:	None

**EU 15: Corrugating Air Make-Up Units (8 Units)**

**Description:**

Maximum Continuous Rating:	3.23 MMBtu/hr, each (25.84 MMBtu/hr, total)
Construction commenced:	1/2023
Fuels:	Natural Gas
Control:	None

**APPLICABLE REGULATIONS:**

None

**1. Operating Limitations:**

None

**2. Emission Limitations:**

None

**3. Testing Requirements:**

Testing shall be conducted at such times as may be required by the Cabinet in accordance with Regulation 401 KAR 50:045 Section 4.

**4. Specific Monitoring Requirements:**

The permittee shall monitor the monthly natural gas use in million cubic feet.

**5. Specific Recordkeeping Requirements:**

The permittee shall maintain a log of the monthly and annual natural gas use.

**6. Specific Reporting Requirements:**

See Section F – Monitoring, Recordkeeping and Reporting Requirements.



**SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)****EU 06: Natural Gas-Fired Emergency Generator****Description:**

Certified 448 HP (3.42 MMBtu/hr) 4-stroke, rich burn engine  
Construction commenced: 01/2023

**APPLICABLE REGULATIONS:**

**401 KAR 60:005 Section 2(2)(eeee)** 40 C.F.R. 60.4230 through 60.4248, Tables 1 to 4 (Subpart JJJJ), Standards of Performance for Stationary Spark Ignition Internal Combustion Engines.

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

**1. Operating Limitations:**

- a. The permittee must operate and maintain this engine to achieve the required emission limitations over the entire life of the engine [40 CFR 60.4234].
- b. The permittee must operate the emergency stationary ICE according to the requirements in 40 CFR 60.4243(d)(1) through (3). In order for the engine to be considered an emergency stationary ICE under this subpart, any operation other than emergency operation, maintenance and testing, and operation in non-emergency situations for 50 hours per year, as described in paragraphs (d)(1) through (3), is prohibited. If you do not operate the engine according to the requirements in paragraphs (d)(1) through (3), the engine will not be considered an emergency engine under this subpart and must meet all requirements for non-emergency engines.. [40 CFR 60.4243(d)]
  - i. There is no time limit on the use of emergency stationary ICE in emergency situations. [40 CFR 60.4243(d)(1)]
  - ii. The permittee may operate the emergency stationary ICE for the purpose specified below for a maximum of 100 hours per calendar year. Any operation for non-emergency situations as allowed in 40 CFR 60.4243(d)(3) counts as part of the 100 hours per calendar year allowed herein. [40 CFR 60.4243(d)(2)]
    - A. Emergency stationary ICE may be operated for maintenance checks and readiness testing, provided that the tests are recommended by federal, state or local government, the manufacturer, the vendor, the regional transmission organization or equivalent balancing authority and transmission operator, or the insurance company associated with the engine. The owner or operator 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 calendar year. [40 CFR 60.4243(d)(2)(i)]

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

- iii. Emergency stationary ICE may be operated for up to 50 hours per calendar year in non-emergency situations. The 50 hours of operation in non-emergency situations are counted as part of the 100 hours per calendar year for maintenance and testing provided in 40 CFR 60.4243(d)(2). Except as provided in 40 CFR 60.4243(d)(3)(i), the 50 hours per year for non-emergency situations cannot be used for peak shaving or non-emergency demand response, or to generate income for a facility to an electric grid or otherwise supply power as part of a financial arrangement with another entity. [40 CFR 60.4243(d)(3)]
- iv. The 50 hours per year for non-emergency situations can be used to supply power as part of a financial arrangement with another entity if all of the conditions in 40 CFR 60.4243(d)(3)(i)(A) through (E) are met [40 CFR 60.4243(d)(3)(i)]
- c. If the SI ICE engine is equipped with an air-to fuel ratio controller (AFR), then the AFR controller must be maintained and operated appropriately in order to ensure proper operation of the engine and control device to minimize emissions at all times. [40 CFR 60.4243(g)]

**2. Emission Limitations:**

The permittee shall comply with the emission limitations in 40 CFR 60, Subpart JJJJ, Table 1 [40 CFR 60.4233(e)].

**Table 1 to Subpart JJJJ of Part 60**

Engine type and fuel	Maximum engine power	Manufacture date	Emission standards					
			g/HP-hr			ppmvd at 15% O <sub>2</sub>		
			NO <sub>x</sub>	CO	VOC	NO <sub>x</sub>	CO	VOC
Emergency	HP≥130	After 1/1/2009	2.0	4.0	1.0	160	540	86

**Compliance Demonstration Method:**

The permittee shall demonstrate compliance by purchasing an engine certified according to procedures specified in 40 CFR 60, Subpart JJJJ, and operating and maintaining the engines and control devices according to the manufacturer’s emission-related written instructions, and keeping records of conducted maintenance [40 CFR 60.4243(b)(1)].

**3. Testing Requirements:**

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

**4. Specific Monitoring Requirements:**

- a. The permittee shall install a non-resettable hour meter prior to startup of the engine [40 CFR 60.4237(b)].

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

- b. The permittee through the non-resettable hour meter shall monitor the hours of operation of the emergency generators on an annual basis [401 KAR 52:020, Section 10].

**5. Specific Recordkeeping Requirements:**

- a. The permittee must keep records of the following information [40 CFR 60.4245(a)]:
  - i. All notifications submitted to comply with this subpart and all documentation supporting any notification.
  - ii. Maintenance conducted on the engine.
  - iii. Documentation from the manufacturer that the engine is certified to meet the emission standards and information as required in 40 CFR parts 90, 1048, 1054, and 1060, as applicable.
- b. The permittee shall keep records of the hours of operation of the engine that is recorded through the non-resettable hour meter [40 CFR 60.4245 (b)].
- c. The permittee must document how many hours are spent for non-emergency operation, including what classified the operation as emergency and how many hours are spent for non-emergency operation [40 CFR 60.4245 (b)].

**6. Specific Reporting Requirements:**

The permittee shall submit an annual report according to the requirements specified in 40 CFR 60.4245 (e).

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

**EU 07: Diesel Fuel-Fired Fire Pump Engine**

**Description:**

Certified 327 HP, 4-Stroke Diesel Fuel-Fired Engine  
Construction commenced: 1/2023

**APPLICABLE REGULATIONS:**

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

**401 KAR 63:002 Section 2(eeee)**, 40 C.F.R. 63.6580 to 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. The permittee must meet the requirements of 40 CFR part 63 by meeting the requirements of 40 CFR part 60 subpart III, for compression ignition engines. No further requirements apply for such engines under 40 CFR part 63. [40 CFR 63.6590(c)(1)]
- b. The permittee shall use diesel fuel that meets the requirements of 40 CFR 1090.305 for nonroad diesel fuel. [40 CFR 60.4207(b)]
  - i. Sulfur content less than 15 ppm for NR diesel fuel.
  - ii. Cetane index or aromatic content, as follows:
    - A. A minimum cetane index of 40; or
    - B. A maximum aromatic content of 35 volume percent.
- c. If the emergency stationary CI internal combustion engine does not meet the standards applicable to non-emergency engines, the permittee shall install a non-resettable hour meter prior to startup of the engine [40 CFR 60.4209(a)].
- d. The permittee must do all of the following, except as permitted under 40 CFR 60.4211(g): [40 CFR 60.4211(a)]
  - i. Operate and maintain the stationary CI engine according to the manufacturer's emission-related written instructions,; [40 CFR 60.4211(a)(1)]
  - ii. Change only those emission-related settings that are permitted by the manufacturer,; and [40 CFR 60.4211(a)(2)]
  - iii. Meet the requirements of 40 CFR parts 89 and/or 1068, as they apply. [40 CFR 60.4211(a)(3)]

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

- e. The permittee must operate the emergency stationary ICE according to the requirements in 40 CFR 60.4211(f)(1) through (3). In order for the engine to be considered an emergency stationary ICE under 40 CFR 60, Subpart III, any operation other than emergency operation, maintenance and testing, and operation in non-emergency situations for 50 hours per year, as described in 40 CFR 60.4211(f)(1) through (3), is prohibited. If the permittee does not operate the engine according to the requirements in 40 CFR 60.4211(f)(1) through (3), the engine will not be considered an emergency engine under 40 CFR 60, Subpart III and must meet all requirements for non-emergency engines. [40 CFR 60.4211(f)]
- i. There is no time limit on the use of emergency stationary ICE in emergency situations. [40 CFR 60.4211(f)(1)]
- ii. The permittee may operate the emergency stationary ICE for the purpose specified in 40 CFR 60.4211(f)(2)(i) for a maximum of 100 hours per calendar year. Any operation for non-emergency situations as allowed by 40 CFR 60.4211(f)(3) counts as part of the 100 hours per calendar year allowed by 40 CFR 60.4211(f)(2). [40 CFR 60.4211(f)(2)]
  - A. Emergency stationary ICE may be operated for maintenance checks and readiness testing, provided that the tests are recommended by federal, state or local government, the manufacturer, the vendor, the regional transmission organization or equivalent balancing authority and transmission operator, or the insurance company associated with the engine. The owner or operator 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 calendar year. [40 CFR 60.4211(f)(2)(i)]
- iii. Emergency ICE may be operated for up to 50 hours per calendar year in non-emergency situations. The 50 hours of operation in non-emergency situations are counted as part of the 100 hours per calendar year for maintenance and testing provided in 40 CFR 60.4211(f)(2). Except as provided in 40 CFR 60.4211(f)(3)(i), the 50 hours per calendar year for non-emergency situations cannot be used for peak shaving or non-emergency demand response, or to generate income for a facility to an electric grid or otherwise supply power as part of a financial arrangement with another entity. [40 CFR 60.4211(f)(3)]
  - A. The 50 hours per year for non-emergency situations can be used to supply power as part of a financial arrangement with another entity if all of the conditions in 40 CFR 60.4211(f)(3)(i)(A) through (E) are met. [40 CFR 60.4211(f)(3)(i)]
- f. If the permittee does not install, configure, operate, and maintain the engine according to the manufacturer's emission-related written instructions, or the permittee changes emission-related settings in a way that is not permitted by the manufacturer, the permittee must demonstrate compliance as follows: [40 CFR 60.4211(g)]

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

1. The permittee must keep a maintenance plan and records of conducted maintenance and must, to the extent practicable, maintain and operate the engine in a manner consistent with good air pollution control practice for minimizing emissions. In addition, the permittee must conduct an initial performance test to demonstrate compliance with the applicable emission standards within 1 year of startup, or within 1 year after an engine is no longer installed, configured, operated, and maintained in accordance with the manufacturer's emission-related written instructions, or within 1 year after the permittee changes emission-related settings in a way that is not permitted by the manufacturer. [40 CFR 60.4211(g)(2)]

**2. Emission Limitations:**

- a. The permittee must operate and maintain stationary CI ICE that achieve the emission standards as required in 40 CFR 60.4205 over the entire life of the engine. [40 CFR 60.4206]
- b. The permittee shall comply with the emission standards in table 4 to this subpart, for all pollutants [40 CFR 60.4205(c)]

<b>Emission Standard (g/KW-hr (g/HP-hr))</b>			
	<b>NMHC + NO<sub>x</sub></b>	<b>CO</b>	<b>PM</b>
300 ≤ HP < 600	4.0 (3.0)	N/A	0.20 (0.15)

**Compliance Demonstration Method:**

The permittee shall comply by purchasing an engine certified to the emission standards in 40 CFR 60.4205(c) for the same model year and NFPA nameplate engine power. The engine must be installed and configured according to the manufacturer's emission-related specifications, except as permitted in 40 CFR 60.4211(g) [40 CFR 60.4211 (c)].

c. Refer to Section D.

**3. Testing Requirements:**

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

**4. Specific Monitoring Requirements:**

The permittee shall monitor the fuel usage rate on a monthly basis. [401 KAR 52:020, Section 10]

**5. Specific Recordkeeping Requirements:**

a. The permittee shall keep records of the operation of the engine in emergency and non-emergency service that are recorded through the non-resettable hour meter. The owner must record the time of operation of the engine and the reason the engine was in operation during that time. [40 CFR 60.4214(b); 401 KAR 52:020, Section 10]

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

- b. The permittee shall maintain records of the diesel fuel usage on a monthly basis. [401 KAR 52:020, Section 10]

**6. Specific Reporting Requirements:**

If the emergency ICE operates for the purpose specified in 40 CFR 60.4211(f)(3)(i), the permittee shall submit an annual report according to the requirements in 40 CFR 60.4214(d)(1) through (3). [40 CFR 60.4214(d)]

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

**EU 08: Corrugating Boiler #1 (Cleaver-Brooks)**

**Description:**

Maximum Continuous Rating:	33.3 MMBtu/hr
Construction commenced:	1/2023
Fuels:	Natural Gas
Control:	Low NOx Burners

**APPLICABLE REGULATIONS:**

**401 KAR 59:015**, New Indirect Heat Exchangers

**401 KAR 60:005, Section 2(2)(d)** 40 C.F.R. 60.40c to 60.48c (Subpart Dc), Standards of Performance for Small Industrial Commercial-Institutional Steam Generating Units

**1. Operating Limitations:**

- 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 of each affected facility 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,
  - 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.

**2. Emission Limitations:**

- a. Emissions of particulate matter from the combustion of natural gas shall not exceed 0.10 lb/mmBtu. [401 KAR 59:015, Section 4(1)]



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

- b. Emissions shall not exceed 20% opacity based on a six-minute average. [401 KAR 59:015, Section 4(2)]
- c. Emissions of sulfur dioxide from the combustion of natural gas shall not exceed 0.8 lb/mmBtu. [401 KAR 59:015, Section 5(1)(c)]

**Compliance Demonstration Method:**

Compliance is assumed when burning natural gas.

**3. Testing Requirements:**

Testing shall be conducted at such times as may be required by the Cabinet in accordance with Regulations 401 KAR 59:005 Section 2(2) and 401 KAR 50:045 Section 4.

**4. Specific Monitoring Requirements:**

The permittee shall monitor the monthly natural gas use in million cubic feet.

**5. Specific Recordkeeping Requirements:**

- a. The permittee shall maintain a log of the monthly and annual natural gas use.
- b. The permittee shall keep records of the manufacturer's recommended procedures for startup and shutdown. [401 KAR 52:020, Section 10]

**6. Specific Reporting Requirements:**

See Section F – Monitoring, Recordkeeping and Reporting Requirements.

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

**EU 09 [Flexo-Folder-Gluer (FFG) #1 – conversion]**

**Description:**

Ink maximum rated capacity:	107.6 lbs/hr
Glue maximum rated capacity:	26.9 lb/hr
Construction Commenced:	1/2023

**EU 10 [FFG #2 – conversion]**

**Description:**

Ink maximum rated capacity:	188.8 lbs/hr
Glue maximum rated capacity:	47.2 lb/hr
Construction Commenced:	1/2023

**EU 11 [FFG #3 – conversion]**

**Description:**

Ink maximum rated capacity:	203.4 lbs/hr
Glue maximum rated capacity:	50.9 lb/hr
Construction Commenced:	1/2023

**EU 12 [Rotary Die Cutter (RDC) #1 – conversion]**

**Description:**

Ink maximum rated capacity:	237.6 lbs/hr
Construction Commenced:	1/2023

**EU 13 [RDC #2 – conversion]**

**Description:**

Ink maximum rated capacity:	247.5 lbs/hr
Construction Commenced:	1/2023

**EU 14 [RDC #3 – conversion]**

**Description:**

Ink maximum rated capacity:	217.8 lbs/hr
Construction Commenced:	1/2023

**APPLICABLE REGULATIONS:**

**401 KAR 59:212**, New graphic arts facilities using rotogravure and flexography

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

1. **Operating Limitations:**

The usage rate of materials used in all affected facilities shall be limited so as not to exceed the emission limitations in the section B (2) below.

**SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)****2. Emission Limitations:****a. 401 KAR 59:212:**

Pursuant to Regulation 401 KAR 59:212, Section 6 (1), the printing systems described above shall utilize water-borne inks whose volatile portion consist of seventy-five volume percent water and twenty-five (or lower) volume percent organic solvent in all printing units. This requirement exempts the permittee from complying with the VOC emission standard under Section 3 of this regulation.

**Compliance Demonstration Method:**

The permittee shall maintain records of the volatile organic content of each type of ink, coating, varnish, adhesive, primer, solvent, reducer, thinner, diluent, or any other material used at the printing units listed above. Determination of the volatile organic content shall be conducted according to any one of the following methods:

- i. The permittee shall determine the volatile organic content of each type of material using Method 24A of 40 CFR 60, appendix A. The Method 24A determination may be performed by the manufacturer of the material and the results provided to the permittee. If these volatile organic content cannot be determined using Method 24A, the permittee shall submit an alternate technique for determining the volatile content for approval by the Division.
- ii. The permittee may determine the volatile organic content of each type of material used based on the formulation data, and may rely on volatile content data provided by the material suppliers. In the event of any inconsistency between the formulation data and the results of Test Method 24A of 40 CFR 60, appendix A, the applicable test shall govern, unless the permittee can demonstrate to the satisfaction of the Division that the formulation data are correct.

**b. 401 KAR 63:020**

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:**

- a. Testing shall be conducted at such times as may be required by the Cabinet in accordance with Regulations 401 KAR 59:005 Section 2(2) and 401 KAR 50:045 Section 3.
- b. Upon request, the permittee shall submit samples of the ink or any other VOC containing material inks and coatings used. The inks and coatings must meet the requirements specified under **Operating Limitations;** [Regulation 40 CFR 60, Appendix A, Method 24A, which has been incorporated by reference in 401 KAR 50:015].

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

**4. Specific Monitoring Requirements:**

See Compliance Demonstration Method in Section B (2).

**5. Specific Recordkeeping Requirements:**

**a. 401 KAR 59:212 Section 4 (6):**

Daily records shall be maintained by the source for the most recent two (2) year period. These records shall be made available to the Cabinet or the U.S. EPA upon request.

These records shall include, but not be limited to, the following:

- i. Applicable administrative regulation number;
  - ii. Application method and substrate type;
  - iii. Amount and type of graphic arts material or solvent used at each point of application, including exempt compounds;
  - iv. The VOC content as applied in each graphic arts material or solvent;
  - v. The date for each application for graphic arts material or solvent;
  - vi. The amount of surface preparation, cleanup, or washup solvent (including exempt compounds) used and the VOC content of each.
- b. The permittee shall keep monthly usage rate of each ink, coating, varnish, adhesive, primer, solvent, reducer, thinner, diluents, or any other material used.

**6. Specific Reporting Requirements:**

- a. The permittee shall report any ink usage that exceeds 25 volume percent organic solvent each month in the Semi-annual Monitoring Report.
- b. See Section F – Monitoring, Recordkeeping and Reporting Requirements.

**SECTION B - EMISSION POINTS, EMISSION UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)****EU 16: Three (3) Rental Boilers****Description:**

Portable rental boilers for temporary use. Will operate only when the Mill Boiler is not operating.

Maximum Continuous Rating:	90.2 MMBtu/hr, each (270.6 MMBtu/hr, total)
Construction commenced:	Proposed 2024
Fuels:	Natural Gas

**APPLICABLE REGULATIONS:**

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

**1. Operating Limitations:**

- a. Each temporary boiler shall operate no more than 1,000 hours per 12-month rolling period.
  - i. A temporary boiler is defined as a steam generating unit that combusts natural gas or distillate oil with a potential SO<sub>2</sub> emissions rate no greater than 26 ng/J (0.060 lb/MMBtu), and the unit is designed to, and is capable of, being carried or moved from one location to another by means of, for example, wheels, skids, carrying handles, dollies, trailers, or platforms. A steam generating unit is not a temporary boiler if any one of the following conditions exists: [40 CFR 60.41c]
    - A. The equipment is attached to a foundation.
    - B. The steam generating unit or a replacement remains at a location for more than 180 consecutive days. Any temporary boiler that replaces a temporary boiler at a location and performs the same or similar function will be included in calculating the consecutive time period.
    - C. The equipment is located at a seasonal facility and operates during the full annual operating period of the seasonal facility, remains at the facility for at least 2 years, and operates at that facility for at least 3 months each year.
    - D. The equipment is moved from one location to another in an attempt to circumvent the residence time requirements of this definition.

**Compliance Demonstration Method:**

Refer to **5. Specific Recordkeeping Requirements.**

- b. The permittee shall comply with 401 KAR 50:055, Section 2(5). [401 KAR 59:015, Section 7(1)(a)]
- c. 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)]

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

- d. 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)]
- e. The actions, including duration of the startup period, of the permittee of each affected facility 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)]
- f. Startups and shutdowns shall be conducted according to either: [401 KAR 59:015, Section 7(1)(e)]
  - ii. The manufacturer's recommended procedures or,
  - iii. 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.

**2. Emission Limitations:**

- a. Emissions of particulate matter from the combustion of natural gas shall not exceed 0.10 lb/mmBtu. [401 KAR 59:015, Section 4(1)]
- b. Emissions shall not exceed 20% opacity based on a six-minute average. [401 KAR 59:015, Section 4(2)]
- c. Emissions of sulfur dioxide from the combustion of natural gas shall not exceed 0.8 lb/mmBtu. [401 KAR 59:015, Section 5(1)(c)]

**Compliance Demonstration Method:**

Compliance is assumed when burning natural gas.

**3. Testing Requirements:**

Testing shall be conducted at such times as may be required by the Cabinet in accordance with Regulations 401 KAR 59:005 Section 2(2) and 401 KAR 50:045 Section 4.

**4. Specific Monitoring Requirements:**

- a. The permittee shall monitor the monthly natural gas use in million cubic feet.
- b. The permittee shall monitor the monthly operating hours of each boiler.

**5. Specific Recordkeeping Requirements:**

- a. The permittee shall maintain a log of the monthly and annual natural gas use.
- b. The permittee shall record the monthly operating hours of each boiler and a new 12-month rolling total for operating hours shall be calculated and recorded for each boiler.

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

- c. The permittee shall keep records of the manufacturer's recommended procedures for startup and shutdown. [401 KAR 52:020, Section 10]
  - d. The permittee shall keep records that demonstrate the temporary boilers continuously meet the definition of "temporary" as defined in Section B.1.a of this permit. [401 KAR 52:020, Section 10]
6. **Specific Reporting Requirements:**  
See Section F – Monitoring, Recordkeeping and Reporting Requirements.

**SECTION C - INSIGNIFICANT ACTIVITIES**

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

	<u>Description</u>	<u>Generally Applicable Regulation</u>
1.	Bulk Process Chemical Tanks	401 KAR 63:020
2.	FW Pump Diesel Tank (410 gal)	401 KAR 63:020
3.	Mill Starch Silos with bin vent filters	401 KAR 59:010
4.	WWTP Cooling Tower	401 KAR 59:010
5.	Fiber Yard Diesel Tank (4,000 gal)	401 KAR 63:020
6.	Corrugator Starch Silo with bin vent filter	401 KAR 59:010
7.	Corrugator (110 in., 1,500 fpm)	None
8.	Corrugated Trim Collection System	401 KAR 59:010



## **SECTION D - SOURCE EMISSION LIMITATIONS AND TESTING REQUIREMENTS**

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

## **SECTION E - SOURCE CONTROL EQUIPMENT REQUIREMENTS**

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

## SECTION F - MONITORING, RECORDKEEPING, AND REPORTING REQUIREMENTS

1. Pursuant to Section 1b-IV-1 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26, when continuing compliance is demonstrated by periodic testing or instrumental monitoring, the permittee shall compile records of required monitoring information that include:
  - a. Date, place as defined in this permit, and time of sampling or measurements;
  - b. Analyses performance dates;
  - c. Company or entity that performed analyses;
  - d. Analytical techniques or methods used;
  - e. Analyses results; and
  - f. Operating conditions during time of sampling or measurement.
2. Records of all required monitoring data and support information, including calibrations, maintenance records, and original strip chart recordings, and copies of all reports required by the Division for Air Quality, shall be retained by the permittee for a period of five (5) years and shall be made available for inspection upon request by any duly authorized representative of the Division for Air Quality [Sections 1b-IV-2 and 1a-8 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26].
3. In accordance with the requirements of 401 KAR 52:020, Section 3(1)h, the permittee shall allow authorized representatives of the Cabinet to perform the following during reasonable times:
  - a. Enter upon the premises to inspect any facility, equipment (including air pollution control equipment), practice, or operation;
  - b. To access and copy any records required by the permit;
  - c. Sample or monitor, at reasonable times, substances or parameters to assure compliance with the permit or any applicable requirements.Reasonable times are defined as during all hours of operation, during normal office hours; or during an emergency.
4. No person shall obstruct, hamper, or interfere with any Cabinet employee or authorized representative while in the process of carrying out official duties. Refusal of entry or access may constitute grounds for permit revocation and assessment of civil penalties.
5. Summary reports of any monitoring required by this permit shall be submitted to the Regional Office listed on the front of this permit at least every six (6) months during the life of this permit, unless otherwise stated in this permit. For emission units that were still under construction or which had not commenced operation at the end of the 6-month period covered by the report and are subject to monitoring requirements in this permit, the report shall indicate that no monitoring was performed during the previous six months because the emission unit was not in operation [Sections 1b-V-1 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26].

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

6. The semi-annual reports are due by January 30th and July 30th of each year. All reports shall be certified by a responsible official pursuant to 401 KAR 52:020, Section 23. If continuous emission and opacity monitors are required by regulation or this permit, data shall be reported in accordance with the requirements of 401 KAR 59:005, General Provisions, Section 3(3). All deviations from permit requirements shall be clearly identified in the reports.
7. In accordance with the provisions of 401 KAR 50:055, Section 1, the owner or operator shall notify the Regional Office listed on the front of this permit concerning startups, shutdowns, or malfunctions as follows:
  - a. When emissions during any planned shutdowns and ensuing startups will exceed the standards, notification shall be made no later than three (3) days before the planned shutdown, or immediately following the decision to shut down, if the shutdown is due to events which could not have been foreseen three (3) days before the shutdown.
  - b. When emissions due to malfunctions, unplanned shutdowns and ensuing startups are or may be in excess of the standards, notification shall be made as promptly as possible by telephone (or other electronic media) and shall be submitted in writing upon request.
8. The permittee shall promptly report deviations from permit requirements, including those attributable to upset conditions as defined in the permit, the probable cause of such deviations, and any corrective actions or preventive measures taken shall be submitted to the Regional Office listed on the front of this permit. Where the underlying applicable requirement contains a definition of prompt or otherwise specifies a time frame for reporting deviations, that definition or time frame shall govern. Where the underlying applicable requirement does not identify a specific time frame for reporting deviations, prompt reporting, as required by Sections 1b-V, 3 and 4 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26, shall be defined as follows:
  - a. For emissions of a hazardous air pollutant or a toxic air pollutant (as identified in an applicable regulation) that continue for more than an hour in excess of permit requirements, the report must be made within 24 hours of the occurrence.
  - b. For emissions of any regulated air pollutant, excluding those listed in F.8.a., that continue for more than two hours in excess of permit requirements, the report must be made within 48 hours.
  - c. All deviations from permit requirements, including those previously reported, shall be included in the semiannual report required by F.6.
9. Pursuant to 401 KAR 52:020, Title V permits, Section 21, the permittee shall annually certify compliance with the terms and conditions contained in this permit, by completing and returning a Compliance Certification Form (DEP 7007CC) (or an alternative approved by the regional office) to the Regional Office listed on the front of this permit and the U.S. EPA in accordance with the following requirements:
  - a. Identification of the term or condition;
  - b. Compliance status of each term or condition of the permit;
  - c. Whether compliance was continuous or intermittent;

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

- 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 permittee shall indicate that the unit is under construction and that compliance with any applicable requirements will be demonstrated within the timeframes specified in the permit.
- f. The certification shall be submitted by January 30th of each year. Annual compliance certifications shall be sent to the following addresses:

Division for Air Quality	U.S. EPA Region 4
Owensboro Regional Office	Air Enforcement Branch
3032 Alvey Park Dr. W., Suite 700	Atlanta Federal Center
Owensboro, KY 42303	61 Forsyth St. SW
	Atlanta, GA 30303-8960

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

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

- a. The permittee shall comply with all conditions of this permit. Noncompliance shall be a violation of 401 KAR 52:020, Section 3(1)(b), and a violation of Federal Statute 42 USC 7401 through 7671q (the Clean Air Act). Noncompliance with this permit is grounds for enforcement action including but not limited to termination, revocation and reissuance, revision or denial of a permit [Section 1a-3 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26].
- b. The filing of a request by the permittee for any permit revision, revocation, reissuance, or termination, or of a notification of a planned change or anticipated noncompliance, shall not stay any permit condition [Section 1a-6 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26].
- c. This permit may be revised, revoked, reopened and reissued, or terminated for cause in accordance with 401 KAR 52:020, Section 19. The permit will be reopened for cause and revised accordingly under the following circumstances:
  - (1) If additional applicable requirements become applicable to the source and the remaining permit term is three (3) years or longer. In this case, the reopening shall be completed no later than eighteen (18) months after promulgation of the applicable requirement. A reopening shall not be required if compliance with the applicable requirement is not required until after the date on which the permit is due to expire, unless this permit or any of its terms and conditions have been extended pursuant to 401 KAR 52:020, Section 12;
  - (2) The Cabinet or the United States Environmental Protection Agency (U. S. EPA) determines that the permit must be revised or revoked to assure compliance with the applicable requirements;
  - (3) The Cabinet or the U. S. EPA determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit;
  - (4) New requirements become applicable to a source subject to the Acid Rain Program.

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

- d. The permittee shall furnish information upon request of the Cabinet to determine if cause exists for modifying, revoking and reissuing, or terminating the permit; or to determine compliance with the conditions of this permit [Sections 1a- 7 and 8 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26].
- e. Emission units described in this permit shall demonstrate compliance with applicable requirements if requested by the Division [401 KAR 52:020, Section 3(1)(c)].

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

- f. The permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information to the permitting authority [401 KAR 52:020, Section 7(1)].
- g. Any condition or portion of this permit which becomes suspended or is ruled invalid as a result of any legal or other action shall not invalidate any other portion or condition of this permit [Section 1a-14 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26].
- h. The permittee shall not use as a defense in an enforcement action the contention that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance [Section 1a-4 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26].
- i. All emission limitations and standards contained in this permit shall be enforceable as a practical matter. All emission limitations and standards contained in this permit are enforceable by the U.S. EPA and citizens except for those specifically identified in this permit as state-origin requirements. [Section 1a-15 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26].
- j. This permit shall be subject to suspension if the permittee fails to pay all emissions fees within 90 days after the date of notice as specified in 401 KAR 50:038, Section 3(6) [Section 1a-10 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26].
- k. Nothing in this permit shall alter or affect the liability of the permittee for any violation of applicable requirements prior to or at the time of permit issuance [401 KAR 52:020, Section 11(3) b].
- l. This permit does not convey property rights or exclusive privileges [Section 1a-9 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26].
- m. Issuance of this permit does not relieve the permittee from the responsibility of obtaining any other permits, licenses, or approvals required by the Cabinet or any other federal, state, or local agency.
- n. Nothing in this permit shall alter or affect the authority of U.S. EPA to obtain information pursuant to Federal Statute 42 USC 7414, Inspections, monitoring, and entry [401 KAR 52:020, Section 11(3) d.].
- o. Nothing in this permit shall alter or affect the authority of U.S. EPA to impose emergency orders pursuant to Federal Statute 42 USC 7603, Emergency orders [401 KAR 52:020, Section 11(3) a.].

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

- p. This permit consolidates the authority of any previously issued PSD, NSR, or Synthetic Minor source preconstruction permit terms and conditions for various emission units and incorporates all requirements of those existing permits into one single permit for this source.
- q. Pursuant to 401 KAR 52:020, Section 11, a permit shield shall not protect the owner or operator from enforcement actions for violating an applicable requirement prior to or at the time of permit issuance. Compliance with the conditions of this permit shall be considered compliance with:
  - (1) Applicable requirements that are included and specifically identified in this permit; and
  - (2) Non-applicable requirements expressly identified in this permit.

### **2. Permit Expiration and Reapplication Requirements**

- a. This permit shall remain in effect for a fixed term of five (5) years following the original date of issue. Permit expiration shall terminate the source's right to operate unless a timely and complete renewal application has been submitted to the Division at least six (6) months prior to the expiration date of the permit. Upon a timely and complete submittal, the authorization to operate within the terms and conditions of this permit, including any permit shield, shall remain in effect beyond the expiration date, until the renewal permit is issued or denied by the Division [401 KAR 52:020, Section 12].
- b. The authority to operate granted shall cease to apply if the source fails to submit additional information requested by the Division after the completeness determination has been made on any application, by whatever deadline the Division sets [401 KAR 52:020, Section 8(2)].

### **3. Permit Revisions**

- a. A minor permit revision procedure may be used for permit revisions involving the use of economic incentive, marketable permit, emission trading, and other similar approaches, to the extent that these minor permit revision procedures are explicitly provided for in the State Implementation Plan (SIP) or in applicable requirements and meet the relevant requirements of 401 KAR 52:020, Section 14(2).
- b. This permit is not transferable by the permittee. Future owners and operators shall obtain a new permit from the Division for Air Quality. The new permit may be processed as an administrative amendment if no other change in this permit is necessary, and provided that a written agreement containing a specific date for transfer of permit responsibility coverage and liability between the current and new permittee has been submitted to the permitting authority within ten (10) days following the transfer.



**SECTION G - GENERAL PROVISIONS (CONTINUED)****4. Construction, Start-Up, and Initial Compliance Demonstration Requirements**

Pursuant to a duly submitted application the Kentucky Division for Air Quality hereby authorizes the construction of the equipment described herein, emission unit 16 in accordance with the terms and conditions of this permit (V-21-034 R2).

- a. Construction of any process and/or air pollution control equipment authorized by this permit shall be conducted and completed only in compliance with the conditions of this permit.
- b. Within thirty (30) days following commencement of construction and within fifteen (15) days following start-up and attainment of the maximum production rate specified in the permit application, or within fifteen (15) days following the issuance date of the permit V-21-034, whichever is later, the permittee shall furnish to the Regional Office listed on the front of this permit in writing, notification of the following:
  - (1) The date when construction commenced.
  - (2) The date of start-up of the affected facilities listed in this permit.
  - (3) The date when the maximum production rate specified in the permit application was achieved.
- c. Pursuant to 401 KAR 52:020, Section 3(2), unless construction is commenced within eighteen (18) months after the permit V-21-034 is issued, or begins but is discontinued for a period of eighteen (18) months or is not completed within a reasonable timeframe then the construction and operating authority granted by this permit for those affected facilities for which construction was not completed shall immediately become invalid. Upon written request, the Cabinet may extend these time periods if the source shows good cause.
- d. Pursuant to 401 KAR 50:055, Section 2(1)(a), an owner or operator of any affected facility subject to any standard within the administrative regulations of the Division for Air Quality shall demonstrate compliance with the applicable standard(s) within sixty (60) days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial start-up of such facility. Pursuant to 401 KAR 52:020, Section 3(3)(c), sources that have not demonstrated compliance within the timeframes prescribed in 401 KAR 50:055, Section 2(1)(a), shall operate the affected facility only for purposes of demonstrating compliance unless authorized under an approved compliance plan or an order of the cabinet.
- e. This permit shall allow time for the initial start-up, operation, and compliance demonstration of the affected facilities listed herein. However, within sixty (60) days after achieving the maximum production rate at which the affected facilities will be operated but not later than 180 days after initial start-up of such facilities, the permittee shall conduct a performance demonstration on the affected facilities in accordance with 401 KAR 50:055, General compliance requirements. Testing must also be conducted in accordance with General Provisions G.5 of this permit.
- f. Terms and conditions in this permit established pursuant to the construction authority of 401 KAR 51:017 or 401 KAR 51:052 shall not expire.

**SECTION G - GENERAL PROVISIONS (CONTINUED)**5. Testing Requirements

- a. Pursuant to 401 KAR 50:045, Section 2, a source required to conduct a performance test shall submit a completed Compliance Test Protocol form, DEP form 6028, or a test protocol a source has developed for submission to other regulatory agencies, in a format approved by the cabinet, to the Division's Frankfort Central Office a minimum of sixty (60) days prior to the scheduled test date. Pursuant to 401 KAR 50:045, Section 7, the Division shall be notified of the actual test date at least thirty (30) days prior to the test.
- b. Pursuant to 401 KAR 50:045, Section 5, in order to demonstrate that a source is capable of complying with a standard at all times, any required performance test shall be conducted under normal conditions that are representative of the source's operations and create the highest rate of emissions. If [When] the maximum production rate represents a source's highest emissions rate and a performance test is conducted at less than the maximum production rate, a source shall be limited to a production rate of no greater than 110 percent of the average production rate during the performance tests. If and when the facility is capable of operation at the rate specified in the application, the source may retest to demonstrate compliance at the new production rate. The Division for Air Quality may waive these requirements on a case-by-case basis if the source demonstrates to the Division's satisfaction that the source is in compliance with all applicable requirements.
- c. Results of performance test(s) required by the permit shall be submitted to the Division by the source or its representative within forty-five days or sooner if required by an applicable standard, after the completion of the fieldwork.

6. Acid Rain Program Requirements

- a. If an applicable requirement of Federal Statute 42 USC 7401 through 7671q (the Clean Air Act) is more stringent than an applicable requirement promulgated pursuant to Federal Statute 42 USC 7651 through 7651o (Title IV of the Act), both provisions shall apply, and both shall be state and federally enforceable.
- b. The permittee shall comply with all applicable requirements and conditions of the Acid Rain Permit and the Phase II permit application (including the Phase II NO<sub>x</sub> compliance plan and averaging plan, if applicable) incorporated into the Title V permit issued for this source. The source shall also comply with all requirements of any revised or future acid rain permit(s) issued to this source.

7. Emergency Provisions

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

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

- (3) During an emergency, the permittee took all reasonable steps to minimize levels of emissions that exceeded the emissions standards or other requirements in the permit; and
  - (4) Pursuant to 401 KAR 52:020, 401 KAR 50:055, and KRS 224.1-400, the permittee notified the Division as promptly as possible and submitted written notice of the emergency to the Division when emission limitations were exceeded due to an emergency. The notice shall include a description of the emergency, steps taken to mitigate emissions, and corrective actions taken.
  - (5) This requirement does not relieve the source of other local, state or federal notification requirements.
- b. Emergency conditions listed in General Condition G.7.a above are in addition to any emergency or upset provision(s) contained in an applicable requirement [401 KAR 52:020, Section 24(3)].
  - c. In an enforcement proceeding, the permittee seeking to establish the occurrence of an emergency shall have the burden of proof [401 KAR 52:020, Section 24(2)].
8. Ozone Depleting Substances
- a. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B:
    - (1) Persons opening appliances for maintenance, service, repair, or disposal shall comply with the required practices contained in 40 CFR 82.156.
    - (2) Equipment used during the maintenance, service, repair, or disposal of appliances shall comply with the standards for recycling and recovery equipment contained in 40 CFR 82.158.
    - (3) Persons performing maintenance, service, repair, or disposal of appliances shall be certified by an approved technician certification program pursuant to 40 CFR 82.161.
    - (4) Persons disposing of small appliances, MVACs, and MVAC-like appliances (as defined at 40 CFR 82.152) shall comply with the recordkeeping requirements pursuant to 40 CFR 82.155.
    - (5) Persons owning commercial or industrial process refrigeration equipment shall comply with the leak repair requirements pursuant to 40 CFR 82.156 and 40 CFR 82.157.
    - (6) Owners/operators of appliances normally containing 50 or more pounds of refrigerant shall keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166.
  - b. If the permittee performs service on motor (fleet) vehicle air conditioners containing ozone-depleting substances, the source shall comply with all applicable requirements as specified in 40 CFR 82, Subpart B, *Servicing of Motor Vehicle Air Conditioners*.

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

9. Risk Management Provisions

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

**SECTION H - ALTERNATE OPERATING SCENARIOS**

N/A

**SECTION I - COMPLIANCE SCHEDULE**

N/A