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:	**Kodi Holdings, Inc.**
Mailing Address:	**13487 South Preston Highway,** **Lebanon Junction, KY 40150**
Source Name:	**Kodi Collective - Lebanon Junction**
Mailing Address:	**13487 South Preston Highway** **Lebanon Junction, KY 40150**
Source Location:	**13487 South Preston Highway**
Permit ID:	**F-24-058**
Agency Interest #:	**470**
Activity ID:	**APE20240003**
Review Type:	**Conditional Major, Construction/Operating**
Source ID:	**21-029-00032**
Regional Office:	**Frankfort Regional Office** **300 Sower Boulevard, 1st Floor** **Frankfort, KY 40601** **(502) 564-3358**
County:	**Bullitt**
Application Complete Date:	**October 18, 2024**
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-24-058	Initial	APE20240003	10/18/2024		Facility requested change from Title V permit to conditional major with addition of new offset heatset lithographic press with integral TO.

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

EP 2 Hantscho - 8 Unit Web Offset Heatset Lithographic Printing Press 401
Construction commenced: April 1991
Controls: MEGTEC Cleanswitch CS-300-95-HT thermal oxidizer (EP 15)

MP1: Maximum continuous rating: Ink - 50 lbs/hr
MP2: Fountain solution – 2.5 lbs/hr
MP3: Auto Blanket wash – 0.563 gal/hr
MP4: Dryer (4.76 MMBTU/hr natural gas fired)

EP 3 Hantscho - 5 Unit Web Offset Heatset Lithographic Printing Press 404
Construction commenced: April 1991
Controls: MEGTEC Cleanswitch CS-300-95-HT thermal oxidizer (EP 15)

MP1: Maximum continuous rating: Ink - 50 lbs/hr
MP2: Fountain solution - 1.5 lbs/hr
MP3: Auto Blanket wash – 0.35 gal/hr
MP4: Dryer (4.0 MMBTU/hr natural gas fired)

EP 4 Hantscho - 6 Unit Web Offset Heatset Lithographic Printing Press 406
Construction commenced: Fall 1993
Controls: MEGTEC Cleanswitch CS-300-95-HT thermal oxidizer (EP 15)

MP1: Maximum continuous rating: Ink - 60 lbs/hr
MP2: Fountain solution – 2.0 lbs/hr
MP3: Auto Blanket wash – 0.03 gal/hr
MP4: Dryer (4.0 MMBTU/hr natural gas fired)

EP 6 Hantscho Mark VII - 9 Unit Web Offset Heatset Lithographic Printing Press 407
Construction commenced: February 1994
Controls: MEGTEC Cleanswitch CS-300-95-HT thermal oxidizer (EP 15)

MP1: Maximum continuous rating: Ink - 60 lbs/hr
MP2: Fountain solution – 2.75 lbs/hr
MP3: Auto Blanket wash – 0.05 gal/hr
MP4: Dryer (6.4 MMBTU/hr natural gas fired)

EP 7 Hantscho Mark XVI - 8 Unit Web Offset Heatset Lithographic Printing Press 411
Construction commenced: May 1997
Controls: MEGTEC Cleanswitch CS-300-95-HT thermal oxidizer (EP 15)

MP1: Maximum continuous rating: Ink - 50 lbs/hr.
MP2: Fountain solution – 2.5 lbs/hr.
MP3: Auto Blanket wash – 0.563 gal/hr.
MP4: Dryer (6.48 MMBTU/hr natural gas fired)

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

EP 13 Man Roland - 5 Unit Web Offset Heatset Lithographic Printing Press 416
Construction commenced: April 2005
Controls: MEGTEC Cleanswitch CS-300-95-HT thermal oxidizer (EP 15)

MP1: Maximum continuous rating: Ink - 75 lbs/hr.
MP2: Fountain solution - 2.5 lbs/hr.
MP3: Auto Blanket wash – 0.29 gal/hr.
MP4: Dryer (4.0 MMBTU/hr natural gas fired)

EP 16 Man Roland - 4 Unit Web Offset Heatset Lithographic Printing Press 418
Construction commenced: July 9, 2008
Controls: MEGTEC Cleanswitch CS-300-95-HT thermal oxidizer (EP 15)

MP1: Maximum continuous rating: Ink - 75 lbs/hr.
MP2: Fountain solution - 2.5 lbs/hr.
MP3: Auto Blanket wash – 0.29 gal/hr.
MP4: Dryer (3.0 MMBTU/hr natural gas fired)

EP 22 Hantscho Mark IV-6 Unit Web Offset Heatset Lithographic Printing Press 405
Construction commenced: June 2017
Controls: MEGTEC Cleanswitch CS-300-95-HT thermal oxidizer (EP 15)

MP1: Maximum continuous rating: Ink - 30 lbs/hr.
MP2: Fountain solution – 2.0 lbs/hr.
MP3: Auto Blanket wash – 0.425 gal/hr.
MP4: Dryer (Two 2.0 MMBTU/hr natural gas fired burners)

EP 15 **Regenerative Thermal Oxidizer**
(Interlock MEGTEC System Cleanswitch CS-300-95-HT)
Maximum rate capacity of the burner: 3.46 MMBtu/hr (Natural Gas Fired)
Construction commenced: November 2001
A destruction efficiency of 97.8% at a combustion zone temperature of 1593°F was established during testing in October 2019

APPLICABLE REGULATIONS:
401 KAR 63:020, Potentially hazardous matter or toxic substances. [State-Origin Requirement]

1. **Operating Limitations:**
   At all times, the permittee shall: [401 KAR 52:030, Section 10]
   (1) Keep all solvent containers closed except when filling, draining or conducting cleaning operations.
   (2) Keep used shop towels in closed containers.
   (3) Convey cleaning materials from one location to another in closed containers or pipes to reduce VOC emissions.
   (4) Operate the thermal oxidizer at all times printing is being performed according to Section E.

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

2. Emission Limitations:

a. Refer to Section D for source-wide VOC limit.

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

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

3. Testing Requirements:

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

b. Refer to Section E.

4. Specific Monitoring Requirements:

The twelve-month rolling total VOC emissions shall be monitored monthly. [401 KAR 52:030, Section 10]

5. Specific Record Keeping Requirements:

a. All records, including SDS for each material used 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. [401 KAR 52:030, Section 10]

b. Monthly records shall be kept of all materials used containing VOC including the product type, amount used and the weight percentages for VOC. [401 KAR 52:030, Section 10]

c. At the end of each month, VOC emissions shall be calculated per Section D of this permit, and every month, a new 12-month rolling total for VOC emissions shall be calculated. [401 KAR 52:030, Section 10]

6. Specific Reporting Requirements:

The following information shall be reported semiannually: [401 KAR 52:030, Section 10]

(1) The VOC emissions calculation for each month.
(2) The rolling 12-month total of VOC emissions.

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

7. Specific Control Equipment Operating Conditions:
Refer to Section E for further requirements.

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

EP 11 Man Roland 4 Unit Web Offset Heatset Lithographic Printing Press 414
Construction commenced: June 2002
Controls: MEGTEC Cleanswitch CS-200 thermal oxidizer (EP 21)

MP1: Maximum continuous rating: Ink - 60 lbs/hr.
MP2: Fountain solution - 2.5 lbs/hr.
MP3: Auto Blanket wash – 0.288 gal/hr.
MP4: Dryer (3.0 MMBtu/hr natural gas fired)

EP 12 Man Roland 4 Unit Web Offset Heatset Lithographic Printing Press 415
Construction commenced: June 2002
Controls: MEGTEC Cleanswitch CS-200 thermal oxidizer (EP 21)

MP1: Maximum continuous rating: Ink - 60 lbs/hr.
MP2: Fountain solution - 2.5 lbs/hr.
MP3: Auto Blanket wash – 0.288 gal/hr.
MP4: Dryer (3.0 MMBtu/hr natural gas fired)

EP 21 **Regenerative Thermal Oxidizer**
(MEGTEC Cleanswitch CS-200)
Maximum rate capacity of the burner: 3.85 MMBtu/hr (Natural Gas)
Construction commenced: December 2011
A destruction efficiency of 97.9% at a combustion zone temperature of 1546°F was established during testing in November 2022

APPLICABLE REGULATIONS:
401 KAR 63:020, Potentially hazardous matter or toxic substances. [State-Origin Requirement]

1. **Operating Limitations:**
   At all times, the permittee shall: [401 KAR 52:030, Section 10]
   (1) Keep all solvent containers closed except when filling, draining or conducting cleaning operations.
   (2) Keep used shop towels in closed containers.
   (3) Convey cleaning materials from one location to another in closed containers or pipes to reduce VOC emissions.
   (4) Operate the thermal oxidizer at all times printing is being performed according to Section E.

2. **Emission Limitations:**
   a. Refer to Section D for source-wide VOC limit.

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

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

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

3. Testing Requirements:

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

b. Refer to Section E.

4. Specific Monitoring Requirements:

The twelve-month rolling total VOC emissions shall be monitored monthly. [401 KAR 52:030, Section 10]

5. Specific Record Keeping Requirements:

a. All records, including SDS for each material used 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. [401 KAR 52:030, Section 10]

b. Monthly records shall be kept of all materials used containing VOC including the product type, amount used and the weight percentages for VOC. [401 KAR 52:030, Section 10]

c. At the end of each month, VOC emissions shall be calculated per Section D of this permit, and every month, a new 12-month rolling total for VOC emissions shall be calculated. [401 KAR 52:030, Section 10]

6. Specific Reporting Requirements:

The following information shall be reported semiannually: [401 KAR 52:030, Section 10]

(1) The VOC emissions calculation for each month.
(2) The rolling 12-month total of VOC emissions.

7. Specific Control Equipment Operating Conditions:

Refer to Section E for further requirements.

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

EP 25 Contiweb Offset Heatset Lithographic Printing Press 419
Construction commenced: Proposed 2024
Controls: Thermal oxidizer (see below)

MP1: Maximum continuous rating: Ink – 58.3 lbs/hr.
MP2: Fountain solution – 0.54 gal/hr.
MP3: Auto Blanket wash – 0.48 gal/hr.
MP4: Dryer (5.55 MMBTU/hr natural gas fired burner shared with ITO)

Integrated Thermal Oxidizer
Ecocool/T-2030 dryer with integrated thermal oxidizer (ITO)
Maximum rate capacity of burner: 5.55 MMBtu/hr (dryer and ITO use same burner)
Construction commenced: Proposed 2024
Destruction efficiency of 95% assumed prior to initial performance test.

APPLICABLE REGULATIONS:
401 KAR 63:020, Potentially hazardous matter or toxic substances. [State-Origin Requirement]

1. **Operating Limitations:**
At all times, the permittee shall: [401 KAR 52:030, Section 10]
(1) Keep all solvent containers closed except when filling, draining or conducting cleaning operations.
(2) Keep used shop towels in closed containers.
(3) Convey cleaning materials from one location to another in closed containers or pipes to reduce VOC emissions.
(4) Operate the thermal oxidizer at all times printing is being performed according to Section E.

2. **Emission Limitations:**
a. Refer to Section D for source-wide VOC limit.

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

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

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

3. Testing Requirements:

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

b. Refer to Section E.

4. Specific Monitoring Requirements:

The twelve-month rolling total VOC emissions shall be monitored monthly. [401 KAR 52:030, Section 10]

5. Specific Record Keeping Requirements:

a. All records, including SDS for each material used 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. [401 KAR 52:030, Section 10]

b. Monthly records shall be kept of all materials used containing VOC including the product type, amount used and the weight percentages for VOC. [401 KAR 52:030, Section 10]

c. At the end of each month, VOC emissions shall be calculated per Section D of this permit, and every month, a new 12-month rolling total for VOC emissions shall be calculated. [401 KAR 52:030, Section 10]

6. Specific Reporting Requirements:

The following information shall be reported semiannually: [401 KAR 52:030, Section 10]

(1) The VOC emissions calculation for each month.
(2) The rolling 12-month total of VOC emissions.

7. Specific Control Equipment Operating Conditions:

Refer to Section E for further requirements.

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

EP 17 John Deere 6-Cylinder, 6.8 L, Diesel Emergency Generator
Installed: 2009
Fuel Input: 1.66 MMBtu/hr
Power Output: 237 Horsepower (HP)

EP 18 Kohler 6-Cylinder, 16.1 L, Diesel Emergency Generator
Installed: 2009
Fuel Input: 5.30 MMBtu/hr
Power Output: 757 Horsepower

APPLICABLE REGULATIONS:

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

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

1. Operating Limitations:

a. The permittee must meet the requirements of 40 CFR part 63 by meeting the requirements of 40 CFR part 60 subpart IIII, 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)]

1. Sulfur content less than 15 ppm for NR diesel fuel.
2. Cetane index or aromatic content, as follows:
   i. A minimum cetane index of 40; or
   ii. 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)]

1. Operate and maintain the stationary CI engine according to the manufacturer's emission-related written instructions; [40 CFR 60.4211(a)(1)]
2. Change only those emission-related settings that are permitted by the manufacturer; and [40 CFR 60.4211(a)(2)]
3. Meet the requirements of 40 CFR part 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 IIII, 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 IIII and must meet all requirements for non-emergency engines. [40 CFR 60.4211(f)]

1. There is no time limit on the use of emergency stationary ICE in emergency situations. [40 CFR 60.4211(f)(1)]
2. 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)]
    i. 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)]
3. 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)]
    i. 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)]

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

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

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 comply with the emission standards for new nonroad CI engines in 40 CFR 60.4202, for all pollutants, for the same model year and maximum engine power. [40 CFR 60.4205(b)]

b. 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]

c. The permittee shall comply with the Tier 2 or Tier 3 emission standards for new nonroad CI engines for the same rated power as described in 40 CFR part 1039, appendix I, for all pollutants and the smoke standards as specified in 40 CFR 1039.105. [40 CFR 60.4202(a)(2)]

Emission Standard

	NMHC + NOx	CO	PM
g/KW-hr (g/HP-hr)	4.0 (3.0)	3.5 (2.6)	0.20 (0.15)

Smoke Standard

	Acceleration Mode	Lugging Mode	Peaks in either Mode
Smoke Percentage	20%	15%	50%

Compliance Demonstration Method:
The permittee shall comply by purchasing an engine certified to the emission standards in 40 CFR 60.4205 (b) for the same model year and maximum 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)].

d. 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]

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

4. Specific Monitoring Requirements:

The permittee shall monitor the fuel usage rate on a monthly basis. [401 KAR 52:030, Section 10]

5. Specific Recordkeeping Requirements:

a. The permittee must 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 52:030, Section 10]

b. The permittee shall maintain records of the diesel fuel usage on a monthly basis. [401 KAR 52:030, 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)

EP 19 Detroit Diesel 500ROZD4, 15.9 L, Diesel Emergency Generator
Installed: 2000
Fuel Input: 4.74 MMBtu/hr
Power Output: 677 Horsepower

EP 20 Cummins Diesel Firewater Pump Engine, 4.5 L
Installed: 2000
Fuel Input: 1.17 MMBtu/hr
Power Output: 167 Horsepower

APPLICABLE REGULATIONS:

401 KAR 63:002, Section 2(4)(eeee) 40 C.F.R. 63.6580 to 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 comply with the requirements in Table 2d to 40 CFR 63, Subpart ZZZZ that apply. The permittee must comply with the following requirements: [40 CFR 63.6603(a)]
      1. Change oil and filter every 500 hours of operation or within 1 year + 30 days of the previous change, whichever comes first; [40 CFR 63, Subpart ZZZZ, Table 2d(4)(a)]
      2. Inspect air cleaner every 1,000 hours of operation or within 1 year + 30 days of the previous inspection, whichever comes first, and replace as necessary; and [40 CFR 63, Subpart ZZZZ, Table 2d(4)(b)]
      3. Inspect all hoses and belts every 500 hours of operation or within 1 year + 30 days of the previous inspection, whichever comes first, and replace as necessary. [40 CFR 63, Subpart ZZZZ, Table 2d(4)(c)]
      4. Sources have the option to utilize an oil analysis program as described in 40 CFR 63.6625(i) in order to extend the specified oil change requirement in 40 CFR 63, Subpart ZZZZ. [40 CFR 63, Subpart ZZZZ, Table 2d, Footnote 1]
      5. If an emergency engine is operating during an emergency and it is not possible to shut down the engine in order to perform the management practice requirements on the schedule required in Table 2d of 40 CFR 63, Subpart ZZZZ, or if performing the management practice on the required schedule would otherwise pose an unacceptable risk under federal, state, or local law, the management practice can be delayed until the emergency is over or the unacceptable risk under federal, state, or local law has abated. The management practice should be performed as soon as practicable after the emergency has ended or the unacceptable risk under federal, state, or local law has abated. Sources must report any failure to perform the management practice on the schedule required and the federal, state or local law under which the risk was deemed unacceptable. [40 CFR 63, Subpart ZZZZ, Table 2d, Footnote 2]

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

Compliance Demonstration Method:

i. The permittee must operate and maintain the existing statutory emergency RICE according to the manufacturer's emission-related operating and maintenance instructions, or develop and follow the permittee's own maintenance plan which must provide, to the extent practicable, for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions. [40 CFR 63.6625(e)]

ii. The permittee has the option of utilizing an oil analysis program in order to extend the specified oil change requirement in Table 2d to 40 CFR 63, Subpart ZZZZ. The oil analysis must be performed at the same frequency specified for changing the oil in Table 2c or 2d to this subpart. The analysis program must at a minimum analyze the following three parameters: Total Base Number, viscosity, and percent water content. The condemning limits for these parameters are as follows: Total Base Number is less than 30 percent of the Total Base Number of the oil when new; viscosity of the oil has changed by more than 20 percent from the viscosity of the oil when new; or percent water content (by volume) is greater than 0.5. If all of these condemning limits are not exceeded, the permittee is not required to change the oil. If any of the limits are exceeded, the engine owner or operator must change the oil within 2 business days of receiving the results of the analysis; if the engine is not in operation when the results of the analysis are received, the permittee must change the oil within 2 business days or before commencing operation, whichever is later. The permittee must keep records of the parameters that are analyzed as part of the program, the results of the analysis, and the oil changes for the engine. The analysis program must be part of the maintenance plan for the engine. [40 CFR 63.6625(i)]

b. Minimize the engine's time spent at idle and minimize the engine's startup time at startup to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes, after which time the non-start emission limitation apply. [40 CFR 63.6603, 40 CFR 63.6625(h)]

c. The permittee must use diesel fuel that meets the requirements in 40 CFR 1090.305 for non-road diesel fuel. [40 CFR 63.6604(b)]

d. The permittee must be in compliance with the emission limitations, operating limitations, and other requirements in this subpart that apply at all times. [40 CFR 63.6605(a)]

e. At all times the permittee must operate and maintain any affected source, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. The general duty to minimize emissions does not require you to make any further efforts to reduce emissions if levels required by this standard have been achieved. Determination of whether such operation and maintenance procedures are being used will be based on information available to the Administrator which may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source. [40 CFR 63.6605(b)]

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

f. The permittee must operate the emergency stationary RICE according to the requirements in 40 CFR 63.6640(f)(1) through (4). In order for the engine to be considered an emergency stationary RICE under 40 CFR 63, Subpart ZZZZ, 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 63.6640(f)(1) through (4), is prohibited. If the permittee does not operate the engine according to the requirements in 40 CFR 63.6640(f)(1) through (4), the engine will not be considered an emergency engine under 40 CFR 63, Subpart ZZZZ and must meet all requirements for non-emergency engines. [40 CFR 63.6640(f)]

1. There is no time limit on the use of emergency stationary RICE in emergency situations. [40 CFR 63.6640(f)(1)]
2. The permittee may operate the emergency stationary RICE for the purpose specified in 40 CFR 63.6640(f)(2)(i) for a maximum of 100 hours per calendar year. Any operation for non-emergency situations as allowed by 40 CFR 63.6640(f)(3) and (4) counts as part of the 100 hours per calendar year allowed by 40 CFR 63.6640(f)(2). [40 CFR 63.6640(f)(2)]
3. Emergency stationary RICE 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 permittee may petition the Administrator for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the permittee maintains records indicating that federal, state, or local standards require maintenance and testing of emergency RICE beyond 100 hours per calendar year. [40 CFR 63.6640(f)(2)(i))]
4. Emergency stationary RICE 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 63.6640(f)(2). Except as provided in 40 CFR 63.6640(f)(4)(i) and (ii), 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 63.6640(f)(4)]

2. Emission Limitations:

Refer to Section D for source-wide VOC emission limits.

3. Testing Requirements:

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

4. Specific Monitoring Requirements:

a. The permittee must install a non-resettable hour meter if once is not already installed. [40 CFR 63.6625(f)]

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

b. The permittee must monitor the hours of operation on a monthly basis. [401 KAR 52:030, Section 10]

5. <u>Specific Recordkeeping Requirements</u>:

a. The permittee must keep the records described in 40 CFR 63.6655(a)(1) through (5) [40 CFR 63.6655(a)]
   1. A copy of each notification and report that you submitted to comply with this subpart, including all documentation supporting any Initial Notification or Notification of Compliance Status that you submitted, according to the requirement in 40 CFR 63.10(b)(2)(xiv).
   2. Records of the occurrence and duration of each malfunction of operation (i.e., process equipment) or the air pollution control and monitoring equipment.
   3. Records of performance tests and performance evaluations as required in 40 CFR 63.10(b)(2)(viii).
   4. Records of all required maintenance performed on the air pollution control and monitoring equipment.
   5. Records of actions taken during periods of malfunction to minimize emissions in accordance with 40 CFR 63.6605(b), including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation.

b. The permittee must keep records of the maintenance conducted on the stationary RICE in order to demonstrate that the engine was operated and maintained according to the maintenance plan for the engine. [40 CFR 63.6655(e)]

c. If the engine does not meet the standards applicable to non-emergency engines, the permittee must keep records of the hours of operation of the engine that is recorded through the non-resettable hour meter. The permittee must document how many hours are spent for emergency operation, including what classified the operation as emergency and how many hours are spent for non-emergency operation. If the engines are used for the purpose specified in 40 CFR 63.6640(f)(4)(ii), the permittee must keep records of the notification of the emergency situation, and the date, start time, and end time of engine operation for these purposes. [40 CFR 63.6655(f)]

d. Records must be in a form suitable and readily available for expeditious review according to 40 CFR 63.10(b)(1). [40 CFR 63.6660(a)]

e. As specified in 40 CFR 63.10(b)(1), the permittee must keep each record for 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record. [40 CFR 63.6660(b)]

f. The permittee must keep each record readily accessible in hard copy or electronic form for at least 5 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record, according to 40 CFR 63.10(b)(1). [40 CFR 63.6660(c)]

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

6. **Specific Reporting Requirements:**

a. The permittee must report each instance in which the engine did not meet each emission limitation or operating limitation in Tables 1a and 1b, Tables 2a and 2b, Table 2c, and Table 2d to 40 CFR 63, Subpart ZZZZ that apply. These instances are deviations from the emission and operating limitations in 40 CFR 63, Subpart ZZZZ and must be reported according to the requirements in 40 CFR 63.6650. [40 CFR 63.6640(b)].

b. The permittee must report each instance in which the engine did not meet the requirements of Table 8 to 40 CFR 63 Subpart ZZZZ, that apply. [40 CFR 63.6640(e)].

c. If the engine operates for the purpose specified in 40 CFR 63.6640(f)(4)(ii), the permittee must submit an annual report according to the requirements in 40 CFR 63.6650(h)(1) through (3). [40 CFR 63.6650(h)]

d. Beginning on February 26, 2025 for the annual report specified in 40 CFR 63.6650(h) and February 26, 2025 or one year after the report becomes available in CEDRI, whichever is later for all other semiannual or annual reports, submit all semiannual and annual subsequent compliance reports using the appropriate electronic report template on the CEDRI website (*https://www.epa.gov/electronic-reporting-air-emissions/cedri*) for this subpart and following the procedure specified in 40 CFR 63.9(k), except any CBI must be submitted according to the procedures in 40 CFR 63.6645(h). The date report templates become available will be listed on the CEDRI website. Unless the Administrator or delegated state agency or other authority has approved a different schedule for submission of reports, the report must be submitted by the deadline specified in this subpart, regardless of the method in which the report is submitted. [40 CFR 63.6650(i)]

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

EP23 X1 and X2 Boilers

Description: Rated Capacity: 4.0 mmBTU/hr each
Fuel: Natural Gas
Date installed: 1993

EP24 Two (2) Natural Gas-Fired hot water heaters

Description: Rated Capacity: 2.0 mmBTU/hr each
Fuel: Natural Gas
Date installed: 2008 for 1 units, 2021 for 1 unit

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 and shutdown periods, shall be documented in 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.]

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

Compliance Demonstration Method:
Compliance shall be demonstrated according to **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 for EP23 and 0.50 lb/MMBtu actual heat input for EP24. [401 KAR 59:015, Section 4(1)(a)&(c)]

b. 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 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)]

c. The permittee shall not cause emissions of gases that contain sulfur dioxide in excess of 3.0 lb/MMBtu actual heat input for EP23 and 2.47 lb/MMBtu actual heat input for EP24. [401 KAR 59:015, Section 5(1)(a)&(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. Persons responsible for a source from which hazardous matter or toxic substances may be emitted shall provide the utmost care and consideration, in the handling of these materials, to the potentially harmful effects of the emissions resulting from such activities. No owner or operator shall allow any affected facility to emit potentially hazardous matter or toxic substances in such quantities or duration as to be harmful to the health and welfare of humans, animals and plants. Evaluation of such facilities as to adequacy of controls and/or procedures and emission potential will be made on an individual basis by the cabinet. [401 KAR 63:020, Section 3]

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

e. Refer to Section D for source-wide VOC emission limits.

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

3. Testing Requirements:
Testing shall be conducted at such times as may be requested 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 for further requirements.

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

EP 26 Scrap Paper Collection System

Description: Maximum process rate: 2.05 tons per hour
Construction Dates: 1999 & 2024
Controls: None

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

1. **Operating Limitations:**
None

2. **Emission Limitations:**
a. Opacity Standard. No person shall cause, suffer, allow, or permit any continuous emission into the open air from a control device or stack associated with any affected facility which is equal to or greater than twenty (20) percent opacity [401 KAR 59:010, Section 3(1)].

Compliance Demonstration Method:
Refer to **4. Specific Monitoring Requirements** and **5. Specific Recordkeeping Requirements** for opacity compliance demonstration.

b. Mass emission standard. For emissions from a control device or stack, no person shall cause, suffer, allow or permit the emission into the open air of particulate matter from any affected facility which is in excess of the quantity specified in 401 KAR 59:010, Appendix A. [401 KAR 59:010, Section 3(2)]
i. For process rates ≤ 0.5 tons/hour: **E = 2.34**
ii. For process rates ≤ 30 tons/hour: $\mathbf{E = 3.59(P)^{0.62}}$

Where:
E = the PM emissions rate (pounds/hour)
P = the process rate (tons/hour)

Compliance Demonstration Method:
The source is assumed to be in compliance when the unit is properly maintained and operated according to the manufacturer's specifications.

3. **Testing Requirements:**
Testing shall be conducted, if required by the Cabinet, in accordance with Regulation 401 KAR 59:005, Section 2(2) and 401 KAR 50:045, Section 4.

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

4. Specific Monitoring Requirements:

The permittee shall perform a qualitative visual observation of the opacity of emissions at the stack no less than weekly 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 Reference Method 9. In lieu of determining the opacity using U.S. EPA Method 9, the permittee shall immediately perform a corrective action which results in no visible emissions (not including condensed water in the plume). [401 KAR 52:030, Section 10]

5. Specific Recordkeeping Requirements:

a. The permittee shall maintain a log of the qualitative visual observations made as specified in **4. Specific Monitoring Requirements** including the date, time, initials of observer, whether any emissions were observed (yes/no), and any U.S. EPA Reference Method 9 readings taken. [401 KAR 52:030, Section 10]

b. All records shall be maintained by the source for the most recent two (2) year period. These records shall be made available upon request. [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.

	Description	Generally Applicable Regulation
1.	RESERVED	N/A
2.	RESERVED	N/A
3.	Six hot melt magazine binding gluers	None
4.	Five natural gas space heaters (0.15 MMbtu/hr each)	401 KAR 63:020
5.	Ink jet printing	None
6.	Fifteen ink jet head cleaning stations	None
7.	Six chillers with associated cooling towers	401 KAR 59:010
8.	RESERVED	N/A
9.	Cold solvent cleaner	None
10.	98 Co-Raynac space heaters (NG) (0.09 MMBtu/hr each)	401 KAR 63:020
11.	Miscellaneous solvent cleaning (for UV inks)	None
12.	RESERVED	N/A
13.	Paved Roads	401 KAR 63:010

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. VOC, particulate matter emissions and opacity, measured by applicable reference methods, or an equivalent or alternative method specified in 40 C.F.R. Chapter I, or by a test method specified in the state implementation plan shall not exceed the respective limitations specified herein.

   a. Source-wide emissions of Volatile Organic Compounds (VOC) shall not exceed 90 tons during any consecutive 12-month period. [401 KAR 52:030]

      Compliance Demonstration Method:

      $$\text{Monthly Coating VOC Emissions} = \sum_{i=1}^{n} M_i \rho_i$$

      Where;

      ρ = amount of VOC (lb/gal) in each solvent containing material less water and/or exempt solvent used during the month.
      i = individual solvent containing material (primer, cleaners, etc.)
      n = total number of solvent containing materials used
      M = gallons of solvent containing material “i” used

      Source-wide VOC emissions = Σ [VOC emissions from printing and cleaning operations] + Σ [VOC emissions from emergency generator] + Σ [VOC emissions from natural gas combustion units] + Σ [VOC emissions from other Insignificant Activities, if applicable]

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

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.

2. Thermal Oxidizers:

EP 15 Regenerative Thermal Oxidizer
(Interlock MEGTEC System Cleanswitch CS-300-95-HT)
Maximum rate capacity of the burner: 3.46 MMBtu/hr (Natural Gas Fired)
Construction commenced: November 2001
A destruction efficiency of 97.8% at a combustion zone temperature of 1593°F was established during testing in October 2019

EP 21 Regenerative Thermal Oxidizer
(MEGTEC Cleanswitch CS-200)
Maximum rate capacity of the burner: 3.85 MMBtu/hr (Natural Gas)
Construction commenced: December 2011
A destruction efficiency of 97.9% at a combustion zone temperature of 1546°F was established during testing in November 2022

Integrated Thermal Oxidizer (ITO)
Ecocool/T-2030 dryer with integrated thermal oxidizer (ITO)
Maximum rate capacity of burner: 5.55 MMBtu/hr (dryer and ITO use same burner)
Construction commenced: Proposed 2024
Destruction efficiency of 95% assumed prior to initial performance test.

a. **Operating Limitations:**
   (1) Pursuant to 401 KAR 50:055, Section 2(5), the permittee shall operate the thermal oxidizer at all times printing is being performed.
   (2) The permittee shall use the data collected during the performance test to calculate and record the average combustion temperature. This average combustion temperature shall be the minimum operating limit of the thermal oxidizer.
   (3) The average combustion temperature in any 3-hour period must not fall below the combustion temperature limit established during the most recent performance test. If the 3-hour average combustion chamber temperature falls below the operating temperature limit established for the thermal oxidizer, then the permittee shall assume destruction efficiency of zero, during the time period of the deviation for the purpose of demonstrating compliance with emission limitations.
   Compliance Demonstration Method:
   Refer to c. **Specific Monitoring Requirements**

SECTION E - SOURCE CONTROL EQUIPMENT REQUIREMENTS (CONTINUED)

b. **Testing Requirements:**

(1) For ITO: The source shall conduct an initial performance test on the thermal oxidizer within sixty (60) days after achieving the maximum production rate but no later than 180 days after initial start-up and thereafter no later than five years after the most recent performance test, during which a minimum operating temperature of the thermal oxidizer will be determined.

(2) For EP 15 and EP 21: The source shall conduct a performance test on the thermal oxidizer using EPA Reference Method 25A or alternate as approved by the Administrator within five years of the most recent performance test, during which a minimum operating temperature of the thermal oxidizer will be determined.

(3) The performance test shall be conducted in accordance with Section G(5) of this permit.

c. **Specific Monitoring Requirements:**

(1) The permittee shall continuously monitor the combustion temperature during press operations with a temperature monitoring device having an accuracy of the greater of 0.75 percent of the temperature measurement expressed in degrees Celsius or ± 2.5^{o}C.

(2) The permittee must monitor the temperature in the firebox of the thermal oxidizer or immediately downstream of the firebox before any substantial heat exchange occurs. Compliance shall be demonstrated by monitoring and recording the combustion temperature continuously*.

*Continuous parameter monitoring shall be a minimum of recording the measured value at least once every 15 minutes.

(3) Perform an electronic calibration at least semi-annually. Following the electronic calibration, conduct a temperature sensor validation check in which a second or redundant temperature sensor placed nearby the process temperature sensor must yield a reading within 30 degrees Fahrenheit of the process temperature sensor reading.

(4) Conduct calibration and validation checks any time the sensor exceeds the manufacturer's specified maximum operating temperature range or install a new temperature sensor.

(5) At least monthly, inspect components for integrity and electrical connections for continuity, oxidation, and galvanic corrosion.

(6) Before using the sensor for the first time or when relocating or replacing the sensor, the permittee must perform a validation check by comparing the sensor output to a calibrated temperature measurement device or by comparing the sensor output to a simulated temperature.

SECTION E - SOURCE CONTROL EQUIPMENT REQUIREMENTS (CONTINUED)

d. **Specific Recordkeeping Requirements:**

(1) The permittee shall maintain records of the following information for the thermal oxidizer:

A. The design and/or manufacturer's specifications.

B. The operational procedures and preventive maintenance records.

C. The calibration records for the combustion temperature sensor, validation checks, and the subsequent accuracy audits.

D. Maintain a log of visual inspections of each temperature sensor if redundant temperature sensors are not used.

E. Maintain a record of the average combustion chamber temperature limit established during the most recent performance test and all relevant supporting data.

F. The combustion chamber temperature of the thermal oxidizer shall be recorded continuously.

G. All periods (during printing operations) during which the combustion chamber temperature of the thermal oxidizer is below the average combustion chamber temperature established during the most recent performance test which demonstrated compliance. Each occurrence shall be considered a deviation from permit requirements.

H. During all periods of operation of the thermal oxidizer in which the combustion chamber temperature of the thermal oxidizer is below the average combustion chamber temperature established during the most recent performance test which demonstrated compliance, or other malfunction of the thermal oxidizer, a daily log of the following information shall be kept:

(i) Whether any air emissions were visible from the facilities associated with the thermal oxidizer.

(ii) Whether visible emissions were normal for the process.

(iii) The cause of the visible emissions.

(iv) Corrective action(s) taken shall be recorded.

(2) All records shall be retained at the source for a period of five years.

e. **Specific Reporting Requirements:**

The permittee shall identify, record, and submit a written report to the Division's Regional Office listed on the front of the permit, of each instance during which the average temperature of the thermal oxidizer falls below that at which compliance was demonstrated during the most recent measurement of oxidizer efficiency. If no such periods occur during a particular quarter, the permittee shall state this in a semi-annual report required by General Condition F(6).

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;

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 Division for Air Quality, Frankfort Regional Office, 300 Sower Boulevard, 1st Floor, Frankfort, KY 40601.

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].

SECTION G - GENERAL PROVISIONS (CONTINUED)

e. Emission units described in this permit shall demonstrate compliance with applicable requirements if requested by the Division [401 KAR 52:030, Section 3(1)(c)].

f. The permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information to the permitting authority [401 KAR 52:030, 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.

SECTION G - GENERAL PROVISIONS (CONTINUED)

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 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.

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 25 in accordance with the terms and conditions of this permit (F-24-058).

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

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

c. Pursuant to 401 KAR 52:030, Section 3(2), unless construction is commenced within eighteen (18) months after the permit is issued, or begins but is discontinued for a period of eighteen (18) months or is not completed within a reasonable timeframe then the construction and operating authority granted by this permit for those affected facilities for which construction was not completed shall immediately become invalid. Upon written request, the Cabinet may extend these time periods if the source shows good cause.

d. For those affected facilities for which construction is authorized by this permit, a source shall be allowed to construct with the draft permit. 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 52:030, 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.

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

   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

SECTION G - GENERAL PROVISIONS (CONTINUED)

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.

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

N/A

SECTION I - COMPLIANCE SCHEDULE

N/A