PART 70
PERMIT TO OPERATE

Under the authority of RSMo 643 and the Federal Clean Air Act the applicant is authorized to operate the air contaminant source(s) described below, in accordance with the laws, rules, and conditions set forth herein.

Operating Permit Number: OP2017-052
Expiration Date: JUL 17 2022
Installation ID: 201-0003
Project Number: 2016-07-040

Installation Name and Address
Tetra Pak Materials, LP
2200 East Malone Avenue
Sikeston, MO 63801
Scott County

Parent Company's Name and Address
Tetra Pak, Inc.
600 Bunker Court
Vernon Hills, IL 60061

Installation Description:
Tetra Pak provides a range of processing and packaging technologies for use with a broad array of products, from ice cream and cheese to fruit, vegetables and pet food. They supply a complete system for processing, packaging and distribution of these products. The installation is a major source of Volatile Organic Compounds (VOCs) and a synthetic minor source of Hazardous Air Pollutants (HAPs). The majority of VOC and HAP emissions come from inks and solvents associated with the installation's fractional presses. The facility is not a named installation [10 CSR 10-6.020(3)(B), Table 2] therefore, fugitive emissions are not included in the Potential to Emit.

Prepared by
Kristin Bailey
Operating Permit Unit

Director or Designee
Department of Natural Resources

JUL 17 2017
Effective Date
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I. Installation Equipment Listing

EMISSION UNITS WITH LIMITATIONS
The following list provides a description of the equipment at this installation that emits air pollutants and that are identified as having unit-specific emission limitations.

<table>
<thead>
<tr>
<th>Emission Unit</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>E-05</td>
<td>Standard Fractional Press (E) Oven, Dryer, &amp; Preheater, Natural Gas, 0.62 mmbtu/hr</td>
</tr>
<tr>
<td>E-10</td>
<td>Flame Sealer (E) Stack, Natural Gas, 0.4 mmbtu/hr</td>
</tr>
<tr>
<td>E-12</td>
<td>Mini-Fractional Press (E) Preheater Stack, Natural Gas, 0.1 mmbtu/hr</td>
</tr>
<tr>
<td>E-16</td>
<td>Standard Fractional Press (F) Oven, Dryer, &amp; Preheater, Natural Gas</td>
</tr>
<tr>
<td>E-17</td>
<td>Safety Lights Emergency Generator, Natural Gas, 14.5 HP</td>
</tr>
<tr>
<td>E-18</td>
<td>Server Room Emergency Generator, Natural Gas, 32 HP</td>
</tr>
</tbody>
</table>

EMISSION UNITS WITHOUT SPECIFIC LIMITATIONS
The following list provides a description of the equipment that does not have unit specific limitations at the time of permit issuance.

<table>
<thead>
<tr>
<th>Emission Unit</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>E-01</td>
<td>Standard Fractional Press (A) Oven, Dryer, &amp; Preheater, Natural Gas, 0.72 mmbtu/hr</td>
</tr>
<tr>
<td>E-02</td>
<td>Standard Fractional Press (B) Oven, Dryer, &amp; Preheater, Natural Gas, 0.72 mmbtu/hr</td>
</tr>
<tr>
<td>E-03</td>
<td>Standard Fractional Press (C) Oven, Dryer, &amp; Preheater, Natural Gas, 0.72 mmbtu/hr</td>
</tr>
<tr>
<td>E-04</td>
<td>Standard Fractional Press (D) Oven, Dryer, &amp; Preheater, Natural Gas, 0.72 mmbtu/hr</td>
</tr>
<tr>
<td>E-06</td>
<td>Flame Sealer (A) Stack, Natural Gas, 0.4 mmbtu/hr</td>
</tr>
<tr>
<td>E-07</td>
<td>Flame Sealer (B) Stack, Natural Gas, 0.4 mmbtu/hr</td>
</tr>
<tr>
<td>E-08</td>
<td>Flame Sealer (C) Stack, Natural Gas, 0.4 mmbtu/hr</td>
</tr>
<tr>
<td>E-09</td>
<td>Flame Sealer (D) Stack, Natural Gas, 0.4 mmbtu/hr</td>
</tr>
<tr>
<td>E-11</td>
<td>Scrap Blower/Shredder</td>
</tr>
<tr>
<td>E-13</td>
<td>Space Heaters, Natural Gas, 1.1 mmbtu/hr</td>
</tr>
<tr>
<td>E-14</td>
<td>Processing Photo Polymer Printing Plates</td>
</tr>
<tr>
<td>T-01</td>
<td>6,000 gallon Acetate Storage Tank</td>
</tr>
<tr>
<td>T-02</td>
<td>3,000 gallon Alcohol Storage Tank</td>
</tr>
<tr>
<td>INS-01</td>
<td>Solvent Metal Cleaning - Parts Washer</td>
</tr>
<tr>
<td>INS-02</td>
<td>Skive Unit</td>
</tr>
</tbody>
</table>
II. Plant Wide Emission Limitations

The installation shall comply with each of the following emission limitations. Consult the appropriate sections in the Code of Federal Regulations (CFR) and Code of State Regulations (CSR) for the full text of the applicable requirements. All citations, unless otherwise noted, are to the regulations in effect as of the date that this permit is issued. The plant wide conditions apply to all emission units at this installation. All emission units are listed in Section I under Emission Units with Limitations and Emission Units without Limitations.

### PERMIT CONDITION PW001

10 CSR 10-6.060 Construction Permits Required
Construction Permit 012005-013, Issued January 28, 2005

**Emission Limitation:**
1) The permittee shall emit less than ten tons of each individual HAP from the entire installation in any consecutive 12-month period. [Special Condition 1.B]
2) The permittee shall emit less than 25 tons of combined HAPs from the entire installation in any consecutive 12-month period. [Special Condition 1.B]

**Operational Limitation:**
The permittee shall keep each ink, solvent, and cleaning solution in a closed container whenever the materials are not in use. The permittee shall provide and maintain suitable, easily read, permanent markings on each ink, solvent, and cleaning solution container. [Special Condition 2]

**Monitoring/Recordkeeping:**
1) The permittee shall use Attachments C and D or an equivalent form(s) generated by the permittee to demonstrate compliance. The permittee shall retain all records required by this permit for not less than five years and shall make them available immediately to any Missouri Department of Natural Resources’ personnel upon request. These records shall include Safety Data Sheets (SDS) for all HAP-containing materials used at the installation. [Special Condition 1.C]

**Reporting:**
1) The permittee shall report to the Air Pollution Control Program’s Compliance/Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, no later than ten days after the end of the month during which records indicate an exceedance of either of the HAP emission limitations. [Special Condition 1.D]
2) The permittee shall report any deviations from the emission limitations, operational limitation, monitoring/recordkeeping, and reporting requirements of this permit condition in the semi-annual monitoring reports and annual compliance certifications required by Section V of this permit.
III. Emission Unit Specific Emission Limitations

The installation shall comply with each of the following emission limitations. Consult the appropriate sections in the Code of Federal Regulations (CFR) and Code of State Regulations (CSR) for the full text of the applicable requirements. All citations, unless otherwise noted, are to the regulations in effect as of the date that this permit is issued.

<table>
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<tr>
<th>Emission Unit</th>
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<tbody>
<tr>
<td>E-05</td>
<td>Standard Fraction Press (E) Oven, Dryer, &amp; Preheater, Natural Gas, 0.62 mmbtu/hr</td>
</tr>
<tr>
<td>E-10</td>
<td>Flame Sealer (E) Stack, Natural Gas, 0.4 mmbtu/hr</td>
</tr>
<tr>
<td>E-12</td>
<td>Mini-Fractional Press (E) Preheater Stack, Natural Gas, 0.1 mmbtu/hr</td>
</tr>
</tbody>
</table>

**PERMIT CONDITION 001**

10 CSR 10-6.060 Construction Permits Required
Construction Permit 1192-020, Issued November 30, 1992

**Emission Limitation:**
The permittee shall emit less than 40 tons of VOCs from EP-16 Standard Fractional Press (F) Oven, Dryer, & Preheater in any consecutive 12-month period. [Special Condition 1.A]

**Monitoring/Recordkeeping:**
1) The permittee shall keep records on site for the most recent 60 months of operation that show the tonnage of each raw material used. Records shall contain both the monthly and previous 12-month rolling total. Raw material specifically refers to the inks, adhesives, and ethylene glycol monopropyl ether. [Special Condition 1]
2) The permittee shall use Attachment A or an equivalent form generated by the permittee.
3) The permittee shall keep all records in either written or electronic form and must be retained for a minimum of five years.
4) The permittee shall make all records available immediately for inspection to the Department of Natural Resources’ personnel upon request.

**PERMIT CONDITION 002**

10 CSR 10-6.060 Construction Permits Required
Construction Permit 012005-013, Issued January 28, 2005

<table>
<thead>
<tr>
<th>Emission Unit</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>E-16</td>
<td>Standard Fractional Press (F) Oven, Dryer, &amp; Preheater</td>
</tr>
</tbody>
</table>

**Emission Limitation:**
The permittee shall emit less than 40 tons of VOCs from EP-16 Standard Fractional Press (F) Oven, Dryer, & Preheater in any consecutive 12-month period. [Special Condition 1.A]

**Monitoring/Recordkeeping:**
1) The permittee shall use Attachment B or equivalent forms generated by the permittee to demonstrate compliance. The permittee shall retain all records required by this permit for not less than five years and shall make them available immediately to any Missouri Department of Natural Resources’ personnel upon request. These records shall include Safety Data Sheets (SDS) for all VOC-
containing materials used with E-16 Standard Fractional Press (F) Oven, Dryer, & Preheater.

2) The permittee shall keep all records in either written or electronic form, and the records must be retained for a minimum of five years.

3) The permittee shall make all records available immediately for inspection to the Department of Natural Resources’ personnel upon request.

**Reporting:**

1) The permittee shall report to the Air Pollution Control Program’s Compliance/Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, no later than ten days after the end of the month during which records indicate an exceedance of the VOC emission limitation. [Special Condition 1.D]

2) The permittee shall report any deviations from the emission limitation, monitoring/recordkeeping, and reporting requirements of this permit condition in the semi-annual monitoring reports and annual compliance certifications required by Section V of this permit.

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**PERMIT CONDITION 003**

10 CSR 10-6.070 New Source Performance Regulations


<table>
<thead>
<tr>
<th>Emission Unit</th>
<th>Description</th>
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<tbody>
<tr>
<td>E-17</td>
<td>Safety Lights Emergency Generator, Natural Gas, 14.5 HP, 2005</td>
</tr>
</tbody>
</table>

**Operational Requirements:**

1) The permittee must be in compliance with the applicable requirements of MACT ZZZZ at all times. [§63.6605(a)]

2) The permittee must, at all times, 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 the permittee to make any further efforts to reduce emissions if levels required by this standard have been achieved. [§63.6605(b)]

3) The permittee must have a non-resettable hour meter installed on the emergency generator if one hasn’t already been installed. [63.6625(f)]

**Work Practice Standards:**

1) The permittee shall, for each emergency RICE (Reciprocating Internal Combustion Engine), meet the following requirements (except during periods of startup); [Table 2d, Item 5, to Subpart ZZZZ of Part 63]

   a) Change oil and filter every 500 hours of operation or annually, whichever comes first; The permittee has the option to utilize an oil analysis program as described in §63.6625(i) or (j) in order to extend the specified oil change requirement.

   b) Inspect spark plugs every 1000 hours of operation or annually, whichever comes first, and replace as necessary; and

   c) Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.

2) The permittee shall minimize, during periods of startup, 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-startup emission limitations apply. [§63.6625(h)]
3) The permittee shall operate the emergency stationary RICE according to the requirements in §63.6640(f)(1) through (4). In order for the engine to be considered an emergency stationary RICE under MACT ZZZZ, any operation other than emergency operation, maintenance and testing, emergency demand response, and operation in non-emergency situations for 50 hours per year, as described in §63.6640(f)(1) through (4), is prohibited. If the permittee does not operate the engine according to the requirements in §63.6640(f)(1) through (4), the engine will not be considered an emergency engine under MACT ZZZZ and shall meet all requirements for non-emergency engines. [§63.6640(f)]

a) There is no time limit on the use of emergency stationary RICE in emergency situations. [§63.6640(f)(1)]

b) The permittee may operate the emergency stationary RICE for any combination of the purposes specified in §63.6640(f)(2)(i) for a maximum of 100 hours per calendar year. Any operation for non-emergency situations as allowed by §63.6640(f)(4) counts as part of the 100 hours per calendar year allowed by this paragraph (f). [§63.6640(f)(2)]
   
i) 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. [§63.6640(f)(4)(i)]

   c) The permittee may operate the emergency stationary RICE 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 and emergency demand response provided in §63.6640(f)(2). Except as provided in §63.6640(f)(4)(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. [§63.6640(f)(4)]
   
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 following conditions are met: [§63.6640(f)(4)(ii)]
   
   1) The engine is dispatched by the local balancing authority or local transmission and distribution system operator. [§63.6640(f)(4)(ii)(A)]
   
   2) The dispatch is intended to mitigate local transmission and/or distribution limitations so as to avert potential voltage collapse or line overloads that could lead to the interruption of power supply in a local area or region. [§63.6640(f)(4)(ii)(B)]
   
   3) The dispatch follows reliability, emergency operation or similar protocols that follow specific NERC, regional, state, public utility commission or local standards or guidelines. [§63.6640(f)(4)(ii)(C)]
   
   4) The power is provided only to the facility itself or to support the local transmission and distribution system. [§63.6640(f)(4)(ii)(D)]
   
   5) The permittee identifies and records the entity that dispatches the engine and the specific NERC, regional, state, public utility commission or local standards or guidelines that are being followed for dispatching the engine. The local balancing authority or local transmission and distribution system operator may keep these records on behalf of the permittee. [§63.6640(f)(4)(ii)(E)]
**Recordkeeping:**
1) The permittee must keep records of all required maintenance performed on the air pollution control and monitoring equipment. [§63.6655(a)(4)]
2) The permittee must keep records of actions taken during periods of malfunction to minimize emissions in accordance with §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. [§63.6655(a)(5)]
3) The permittee must keep records of the maintenance conducted on the stationary RICE in order to demonstrate that you operated and maintained the stationary RICE and after-treatment control device (if any) according the facility’s own maintenance plan. [§63.6655(e)]
4) 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. [§63.6655(f)]
5) If the permittee uses the engine for the purposes specified in §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. [§63.6655(f)]
6) The permittee shall keep all records in either written or electronic form, and the records must be retained for a minimum of five years.
7) The permittee shall make all records available immediately for inspection to the Department of Natural Resources’ personnel upon request.

**Reporting:**
1) The permittee shall report any deviations from the emission limitation, operational limitation, monitoring/recordkeeping, and reporting requirements of this permit condition in the annual monitoring report and compliance certification to the Administrator at EPA Region 7, 11201 Renner Boulevard, Lenexa, Kansas 66219 and shall copy the Air Pollution Control Program’s Compliance/Enforcement Section, P.O. Box 176, Jefferson City, MO 65102.
2) The permittee must submit the annual report electronically using the subpart specific reporting form in the Compliance and Emissions Data Reporting Interface (CEDRI) that is accessed through EPA's Central Data Exchange (CDX) (www.epa.gov/cdx). However, if the reporting form specific to MACT ZZZZ is not available in CEDRI at the time that the report is due, the written report shall be submitted to the Administrator at EPA Region 7, 11201 Renner Boulevard, Lenexa, Kansas 66219 and a copy sent to the Air Pollution Control Program’s Compliance/Enforcement Section, P.O. Box 176, Jefferson City, MO 65102.
PERMIT CONDITION 004
10 CSR 10-6.070 New Source Performance Regulations
40 CFR 60 Subpart JJJJ – Standards of Performance for Stationary
Spark Ignition Internal Combustion Engines

<table>
<thead>
<tr>
<th>Emission Unit</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>E-18</td>
<td>Server Room Emergency Generator, Natural Gas, 32 HP, 2010</td>
</tr>
</tbody>
</table>

**Emission Limitations:**
The permittee shall comply with the emission standard of 10 g/HP-hr of NO\textsubscript{x} and 387 g/HP-hr of CO for the Server Room Emergency Generator, E-18. [Table 1 to Subpart JJJJ of 40 CFR Part 60] [§60.4233(d)]

**Operational Requirements:**
1) The permittee shall operate and maintain the stationary SI (Spark Ignition) ICE (Internal Combustion Engine) to achieve the emission standards as required in §60.4233 over the entire life of the engine. [§60.4234]
2) The permittee shall demonstrate compliance with the emission limitations and meet the following requirement[§60.4243(a)]:
   a) The permittee shall operate and maintain the certified stationary SI internal combustion engine and control device according to the manufacturer's emission-related written instructions, and must keep records of conducted maintenance to demonstrate compliance, but no performance testing is required. The permittee must also meet the requirements as specified in 40 CFR part 1068, subparts A through D. If the engine settings are adjusted according to and consistent with the manufacturer's instructions, the stationary SI internal combustion engine will not be considered out of compliance. [§60.4243(a)(1)]
3) If the permittee does not operate and maintain the certified stationary SI internal combustion engine and control device according to the manufacturer's emission-related written instructions, the engine will be considered a non-certified engine, and the permittee shall demonstrate compliance as follows [§60.4243(a)(2)]:
   a) The permittee shall keep a maintenance plan and records of conducted maintenance to demonstrate compliance and must, to the extent practicable, maintain and operate the engine in a manner consistent with good air pollution control practice for minimizing emissions, but no performance testing is required. [§60.4243(a)(2)(i)]
4) The permittee must operate the emergency stationary ICE according to the requirements listed below. In order for the engine to be considered an emergency stationary ICE, any operation other than emergency operation, maintenance and testing, emergency demand response, and operation in non-emergency situations for 50 hours per year is prohibited. If the permittee does not operate the engine as required, the engine will not be considered an emergency and must meet all requirements for non-emergency engines. [§60.4243(d)]
   a) There is no time limit on the use of emergency stationary ICE in emergency situations. [§60.4243(d)(1)]
   b) The permittee may operate the emergency stationary ICE for any combination of the purposes specified below for a maximum of 100 hours per calendar year. Any operation for non-emergency situations counts as part of the 100 hours per calendar year allowed. [§60.4243(d)(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
The permittee may operate the Emergency stationary ICE 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 and emergency demand response in section b) above. 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, it can be used for periods where there is a deviation of voltage or frequency of 5 percent or greater below standard voltage or frequency. [§60.4243(d)(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 following conditions are met:

[§60.4243(d)(3)(i)]

(1) The engine is dispatched by the local balancing authority or local transmission and distribution system operator; [§60.4243(d)(3)(i)(A)]

(2) The dispatch is intended to mitigate local transmission and/or distribution limitations so as to avert potential voltage collapse or line overloads that could lead to the interruption of power supply in a local area or region. [§60.4243(d)(3)(i)(B)]

(3) The dispatch follows reliability, emergency operation or similar protocols that follow specific NERC, regional, state, public utility commission or local standards or guidelines. [§60.4243(d)(3)(i)(C)]

(4) The power is provided only to the facility itself or to support the local transmission and distribution system. [§60.4243(d)(3)(i)(D)]

(5) The permittee identifies and records the entity that dispatches the engine and the specific NERC, regional, state, public utility commission or local standards or guidelines that are being followed for dispatching the engine. The local balancing authority or local transmission and distribution system operator may keep these records on behalf of the engine owner or operator. [§60.4243(d)(3)(i)(E)]

5) The permittee may operate their natural gas emergency SI engines using propane for a maximum of 100 hours per year as an alternative fuel solely during emergency operations, but must keep records of such use. If propane is used for more than 100 hours per year in an engine that is not certified to the emission standards when using propane, the permittee is required to conduct a performance test to demonstrate compliance with the emission standards of §60.4233. [§60.4243(e)]

6) If the permittee purchases a non-certified engine or does not operate and maintain the certified stationary SI internal combustion engine and control device according to the manufacturer's written emission-related instructions, the permittee will be required to perform initial performance testing as indicated in this section, but is not required to conduct subsequent performance testing unless the stationary engine is rebuilt or undergoes major repair or maintenance. [§60.4243(f)]

Recordkeeping:
1) The permittee shall keep records of the following information [§60.4245(a)]:

a) All notifications submitted to comply with these requirements and all documentation supporting any notification [§60.4245(a)(1)]
b) Maintenance conducted on the engine [§60.4245(a)(2)]

c) If the stationary SI internal combustion engine is a certified engine 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. [§60.4245(a)(3)]

d) If the stationary SI internal combustion engine is not a certified engine or is a certified engine operating in a non-certified manner and subject to §60.4243(a)(2), documentation that the engine meets the emission standards. [§60.4245(a)(4)]

2) The permittee shall keep all records in either written or electronic form, and the records must be retained for a minimum of five years.

3) The permittee shall make all records available immediately for inspection to the Department of Natural Resources’ personnel upon request.

**Reporting:**

1) The permittee shall report any deviations from the emission limitation, operational limitation, monitoring/recordkeeping, and reporting requirements of this permit condition in the annual monitoring report and compliance certification to the Administrator at EPA Region 7, 11201 Renner Boulevard, Lenexa, Kansas 66219 and shall copy the Air Pollution Control Program’s Compliance/Enforcement Section, P.O. Box 176, Jefferson City, MO 65102.

2) The permittee must submit the annual report electronically using the subpart specific reporting form in the Compliance and Emissions Data Reporting Interface (CEDRI) that is accessed through EPA’s Central Data Exchange (CDX) (www.epa.gov/cdx). However, if the reporting form specific to MACT ZZZZ is not available in CEDRI at the time that the report is due, the written report shall be submitted to the Administrator at EPA Region 7, 11201 Renner Boulevard, Lenexa, Kansas 66219 and a copy sent to the Air Pollution Control Program’s Compliance/Enforcement Section, P.O. Box 176, Jefferson City, MO 65102.
IV. Core Permit Requirements

The installation shall comply with each of the following regulations or codes. Consult the appropriate sections in the Code of Federal Regulations (CFR), the Code of State Regulations (CSR), and local ordinances for the full text of the applicable requirements. All citations, unless otherwise noted, are to the regulations in effect as of the date that this permit is issued. The following are only excerpts from the regulation or code, and are provided for summary purposes only.

10 CSR 10-6.045 Open Burning Requirements

1) General Provisions. The open burning of tires, petroleum-based products, asbestos containing materials, and trade waste is prohibited, except as allowed below. Nothing in this rule may be construed as to allow open burning which causes or constitutes a public health hazard, nuisance, a hazard to vehicular or air traffic, nor which violates any other rule or statute.

2) Certain types of materials may be open burned provided an open burning permit is obtained from the director. The permit will specify the conditions and provisions of all open burning. The permit may be revoked if the owner or operator fails to comply with the conditions or any provisions of the permit.

10 CSR 10-6.050 Start-up, Shutdown and Malfunction Conditions

1) In the event of a malfunction, which results in excess emissions that exceed one hour, the permittee shall submit to the director within two business days, in writing, the following information:
   a) Name and location of installation;
   b) Name and telephone number of person responsible for the installation;
   c) Name of the person who first discovered the malfunction and precise time and date that the malfunction was discovered.
   d) Identity of the equipment causing the excess emissions;
   e) Time and duration of the period of excess emissions;
   f) Cause of the excess emissions;
   g) Air pollutants involved;
   h) Estimate of the magnitude of the excess emissions expressed in the units of the applicable requirement and the operating data and calculations used in estimating the magnitude;
   i) Measures taken to mitigate the extent and duration of the excess emissions; and
   j) Measures taken to remedy the situation that caused the excess emissions and the measures taken or planned to prevent the recurrence of these situations.

2) The permittee shall submit the paragraph 1 information to the director in writing at least ten days prior to any maintenance, start-up or shutdown activity which is expected to cause an excessive release of emissions that exceed one hour. If notice of the event cannot be given ten days prior to the planned occurrence, notice shall be given as soon as practicable prior to the activity.

3) Upon receipt of a notice of excess emissions issued by an agency holding a certificate of authority under section 643.140, RSMo, the permittee may provide information showing that the excess emissions were the consequence of a malfunction, start-up or shutdown. The information, at a minimum, should be the paragraph 1 list and shall be submitted not later than 15 days after receipt of the notice of excess emissions. Based upon information submitted by the permittee or any other pertinent information available, the director or the commission shall make a determination whether the excess emissions constitute a malfunction, start-up or shutdown and whether the nature, extent and duration of the excess emissions warrant enforcement action under section 643.080 or 643.151, RSMo.
4) Nothing in this rule shall be construed to limit the authority of the director or commission to take appropriate action, under sections 643.080, 643.090 and 643.151, RSMo to enforce the provisions of the Air Conservation Law and the corresponding rule.

5) Compliance with this rule does not automatically absolve the permittee of liability for the excess emissions reported.

### 10 CSR 10-6.060 Construction Permits Required

The permittee shall not commence construction, modification, or major modification of any installation subject to this rule, begin operation after that construction, modification, or major modification, or begin operation of any installation which has been shut down longer than five years without first obtaining a permit from the permitting authority.

### 10 CSR 10-6.065 Operating Permits

The permittee shall file a complete application for renewal of this operating permit at least six months before the date of permit expiration. In no event shall this time be greater than eighteen months. The permittee shall retain the most current operating permit issued to this installation on-site. The permittee shall immediately make such permit available to any Missouri Department of Natural Resources personnel upon request.


The permittee shall follow the procedures and requirements of 40 CFR Part 61, Subpart M for any activities occurring at this installation which would be subject to provisions for 40 CFR Part 61, Subpart M, National Emission Standard for Asbestos.

### 10 CSR 10-6.110 Reporting of Emission Data, Emission Fees and Process Information

1) The permittee shall submit a Full Emissions Report either electronically via MoEIS, which requires Form 1.0 signed by an authorized company representative, or on Emission Inventory Questionnaire (EIQ) paper forms on the frequency specified in this rule and in accordance with the requirements outlined in this rule. Alternate methods of reporting the emissions, such as spreadsheet file, can be submitted for approval by the director.

2) Public Availability of Emission Data and Process Information. Any information obtained pursuant to the rule(s) of the Missouri Air Conservation Commission that would not be entitled to confidential treatment under 10 CSR 10-6.210 shall be made available to any member of the public upon request.

3) The permittee shall pay an annual emission fee per ton of regulated air pollutant emitted according to the schedule in the rule. This fee is an emission fee assessed under authority of RSMo. 643.079.

### 10 CSR 10-6.130 Controlling Emissions During Episodes of High Air Pollution Potential

This rule specifies the conditions that establish an air pollution alert (yellow/orange/red/purple), or emergency (maroon) and the associated procedures and emission reduction objectives for dealing with each. The permittee shall submit an appropriate emergency plan if required by the Director.

### 10 CSR 10-6.150 Circumvention

The permittee shall not cause or permit the installation or use of any device or any other means which, without resulting in reduction in the total amount of air contaminant emitted, conceals or dilutes an emission or air contaminant which violates a rule of the Missouri Air Conservation Commission.
10 CSR 10-6.165 Restriction of Emission of Odors

This requirement is not federally enforceable.

No person may cause, permit or allow the emission of odorous matter in concentrations and frequencies or for durations that odor can be perceived when one volume of odorous air is diluted with seven volumes of odor-free air for two separate trials not less than 15 minutes apart within the period of one hour. This odor evaluation shall be taken at a location outside of the installation’s property boundary.

10 CSR 10-6.170 Restriction of Particulate Matter to the Ambient Air Beyond the Premises of Origin

Emission Limitation:

1) The permittee shall not cause or allow to occur any handling, transporting or storing of any material; construction, repair, cleaning or demolition of a building or its appurtenances; construction or use of a road, driveway or open area; or operation of a commercial or industrial installation without applying reasonable measures as may be required to prevent, or in a manner which allows or may allow, fugitive particulate matter emissions to go beyond the premises of origin in quantities that the particulate matter may be found on surfaces beyond the property line of origin. The nature or origin of the particulate matter shall be determined to a reasonable degree of certainty by a technique proven to be accurate and approved by the director.

2) The permittee shall not cause nor allow to occur any fugitive particulate matter emissions to remain visible in the ambient air beyond the property line of origin.

3) Should it be determined that noncompliance has occurred, the director may require reasonable control measures as may be necessary. These measures may include, but are not limited to, the following:
   a) Revision of procedures involving construction, repair, cleaning and demolition of buildings and their appurtenances that produce particulate matter emissions;
   b) Paving or frequent cleaning of roads, driveways and parking lots;
   c) Application of dust-free surfaces;
   d) Application of water; and
   e) Planting and maintenance of vegetative ground cover.

10 CSR 10-6.180 Measurement of Emissions of Air Contaminants

1) The director may require any person responsible for the source of emission of air contaminants to make or have made tests to determine the quantity or nature, or both, of emission of air contaminants from the source. The director may specify testing methods to be used in accordance with good professional practice. The director may observe the testing. All tests shall be performed by qualified personnel.

2) The director may conduct tests of emissions of air contaminants from any source. Upon request of the director, the person responsible for the source to be tested shall provide necessary ports in stacks or ducts and other safe and proper sampling and testing facilities, exclusive of instruments and sensing devices as may be necessary for proper determination of the emission of air contaminants.

3) The director shall be given a copy of the test results in writing and signed by the person responsible for the tests.

10 CSR 10-6.250 Asbestos Abatement Projects – Certification, Accreditation, and Business Exemption Requirements

The permittee shall conduct all asbestos abatement projects within the procedures established for certification and accreditation by 10 CSR 10-6.250. This rule requires individuals who work in asbestos
abatement projects to be certified by the Missouri Department of Natural Resources Air Pollution
Control Program. This rule requires training providers who offer training for asbestos abatement
occupations to be accredited by the Missouri Department of Natural Resources Air Pollution Control
Program. This rule requires persons who hold exemption status from certain requirements of this rule to
allow the department to monitor training provided to employees.

**10 CSR 10-6.280 Compliance Monitoring Usage**

1) The permittee is not prohibited from using the following in addition to any specified compliance
methods for the purpose of submission of compliance certificates:
   a) Monitoring methods outlined in 40 CFR Part 64;
   b) Monitoring method(s) approved for the permittee pursuant to 10 CSR 10-6.065, “Operating
      Permits”, and incorporated into an operating permit; and
   c) Any other monitoring methods approved by the director.

2) Any credible evidence may be used for the purpose of establishing whether a permittee has violated
or is in violation of any such plan or other applicable requirement. Information from the use of the
following methods is presumptively credible evidence of whether a violation has occurred at an
installation:
   a) Monitoring methods outlined in 40 CFR Part 64;
   b) A monitoring method approved for the permittee pursuant to 10 CSR 10-6.065, “Operating
      Permits”, and incorporated into an operating permit; and
   c) Compliance test methods specified in the rule cited as the authority for the emission limitations.

3) The following testing, monitoring or information gathering methods are presumptively credible
testing, monitoring, or information gathering methods:
   a) Applicable monitoring or testing methods, cited in:
      i) 10 CSR 10-6.030, “Sampling Methods for Air Pollution Sources”;
      ii) 10 CSR 10-6.040, “Reference Methods”;
      iii) 10 CSR 10-6.070, “New Source Performance Standards”;
      iv) 10 CSR 10-6.080, “Emission Standards for Hazardous Air Pollutants”; or
   b) Other testing, monitoring, or information gathering methods, if approved by the director, that
      produce information comparable to that produced by any method listed above.

**40 CFR Part 82 Protection of Stratospheric Ozone (Title VI)**

1) The permittee shall comply with the standards for labeling of products using ozone-depleting
substances pursuant to 40 CFR Part 82, Subpart E:
   a) All containers in which a class I or class II substance is stored or transported, all products
      containing a class I substance, and all products directly manufactured with a class I substance
      must bear the required warning statement if it is being introduced into interstate commerce
      pursuant to 40 CFR §82.106.
   b) The placement of the required warning statement must comply with the requirements of
      40 CFR §82.108.
   c) The form of the label bearing the required warning statement must comply with the requirements
      of 40 CFR §82.110.
   d) No person may modify, remove, or interfere with the required warning statement except as
      described in 40 CFR §82.112.

2) The permittee shall comply with the standards for recycling and emissions reduction pursuant to
40 CFR Part 82, Subpart F, except as provided for motor vehicle air conditioners (MVACs) in
Subpart B of 40 CFR Part 82:
a) Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices described in 40 CFR §82.156.

b) Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment described in 40 CFR §82.158.

c) Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR §82.161.

d) Persons disposing of small appliances, MVACs, and MVAC-like appliances must comply with the record keeping requirements of 40 CFR §82.166. ("MVAC-like" appliance as defined at 40 CFR §82.152).

e) Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to 40 CFR §82.156.

f) Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR §82.166.

3) If the permittee manufactures, transforms, imports, or exports a class I or class II substance, the permittee is subject to all the requirements as specified in 40 CFR part 82, Subpart A, Production and Consumption Controls.

4) If the permittee performs a service on motor (fleet) vehicles when this service involves ozone-depleting substance refrigerant (or regulated substitute substance) in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements contained in 40 CFR part 82, Subpart B, Servicing of Motor Vehicle Air Conditioners. The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term "MVAC" as used in Subpart B does not include the air-tight sealed refrigeration system used as refrigerated cargo, or system used on passenger buses using HCFC-22 refrigerant.

5) The permittee shall be allowed to switch from any ozone-depleting substance to any alternative that is listed in the Significant New Alternatives Program (SNAP) promulgated pursuant to 40 CFR part 82, Subpart G, Significant New Alternatives Policy Program. Federal Only - 40 CFR Part 82.
V. General Permit Requirements

The installation shall comply with each of the following requirements. Consult the appropriate sections in the Code of Federal Regulations (CFR) and Code of State Regulations (CSR) for the full text of the applicable requirements. All citations, unless otherwise noted, are to the regulations in effect as of the date that this permit is issued.

### 10 CSR 10-6.065(6)(C)1.B Permit Duration

This permit is issued for a term of five years, commencing on the date of issuance. This permit will expire at the end of this period unless renewed.

### 10 CSR 10-6.065(6)(C)1.C General Record Keeping and Reporting Requirements

1) Record Keeping
   a) All required monitoring data and support information shall be retained for a period of at least five years from the date of the monitoring sample, measurement, report or application.
   b) Copies of all current operating and construction permits issued to this installation shall be kept on-site for as long as the permits are in effect. Copies of these permits shall be made immediately available to any Missouri Department of Natural Resources’ personnel upon request.

2) Reporting
   a) All reports shall be submitted to the Air Pollution Control Program, Compliance and Enforcement Section, P. O. Box 176, Jefferson City, MO 65102.
   b) The permittee shall submit a report of all required monitoring by:
      i) October 1st for monitoring which covers the January through June time period, and
      ii) April 1st for monitoring which covers the July through December time period.
   c) Each report shall identify any deviations from emission limitations, monitoring, record keeping, reporting, or any other requirements of the permit, this includes deviations or Part 64 exceedances.
   d) Submit supplemental reports as required or as needed. All reports of deviations shall identify the cause or probable cause of the deviations and any corrective actions or preventative measures taken.
      i) Notice of any deviation resulting from an emergency (or upset) condition as defined in paragraph (6)(C)7.A of 10 CSR 10-6.065 (Emergency Provisions) shall be submitted to the permitting authority either verbally or in writing within two working days after the date on which the emission limitation is exceeded due to the emergency, if the permittee wishes to assert an affirmative defense. The affirmative defense of emergency shall be demonstrated through properly signed, contemporaneous operating logs, or other relevant evidence that indicate an emergency occurred and the permittee can identify the cause(s) of the emergency. The permitted installation must show that it was operated properly at the time and that during the period of the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or requirements in the permit. The notice must contain a description of the emergency, the steps taken to mitigate emissions, and the corrective actions taken.
      ii) Any deviation that poses an imminent and substantial danger to public health, safety or the environment shall be reported as soon as practicable.
      iii) Any other deviations identified in the permit as requiring more frequent reporting than the permittee's semiannual report shall be reported on the schedule specified in this permit, and no later than ten days after any exceedance of any applicable rule, regulation, or other restriction.
e) Every report submitted shall be certified by the responsible official, except that, if a report of a deviation must be submitted within ten days after the deviation, the report may be submitted without a certification if the report is resubmitted with an appropriate certification within ten days after that, together with any corrected or supplemental information required concerning the deviation.

f) The permittee may request confidential treatment of information submitted in any report of deviation.

**10 CSR 10-6.065(6)(C)1.D  Risk Management Plan Under Section 112(r)**

If the installation is required to develop and register a risk management plan pursuant to Section 112(R) of the Act, the permittee will verify that it has complied with the requirement to register the plan.

**10 CSR 10-6.065(6)(C)1.F  Severability Clause**

In the event of a successful challenge to any part of this permit, all uncontested permit conditions shall continue to be in force. All terms and conditions of this permit remain in effect pending any administrative or judicial challenge to any portion of the permit. If any provision of this permit is invalidated, the permittee shall comply with all other provisions of the permit.

**10 CSR 10-6.065(6)(C)1.G  General Requirements**

1) The permittee must comply with all of the terms and conditions of this permit. Any noncompliance with a permit condition constitutes a violation and is grounds for enforcement action, permit termination, permit revocation and re-issuance, permit modification or denial of a permit renewal application.

2) The permittee may not use as a defense in an enforcement action that it would have been necessary for the permittee to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit.

3) The permit may be modified, revoked, reopened, reissued or terminated for cause. Except as provided for minor permit modifications, the filing of an application or request for a permit modification, revocation and reissuance, or termination, or the filing of a notification of planned changes or anticipated noncompliance, does not stay any permit condition.

4) This permit does not convey any property rights of any sort, nor grant any exclusive privilege.

5) The permittee shall furnish to the Air Pollution Control Program, upon receipt of a written request and within a reasonable time, any information that the Air Pollution Control Program reasonably may require to determine whether cause exists for modifying, reopening, reissuing or revoking the permit or to determine compliance with the permit. Upon request, the permittee also shall furnish to the Air Pollution Control Program copies of records required to be kept by the permittee. The permittee may make a claim of confidentiality for any information or records submitted pursuant to 10 CSR 10-6.065(6)(C)1.

**10 CSR 10-6.065(6)(C)1.H  Incentive Programs Not Requiring Permit Revisions**

No permit revision will be required for any installation changes made under any approved economic incentive, marketable permit, emissions trading, or other similar programs or processes provided for in this permit.

**10 CSR 10-6.065(6)(C)1.I  Reasonably Anticipated Operating Scenarios**

None
### 10 CSR 10-6.065(6)(C)3 Compliance Requirements

1) Any document (including reports) required to be submitted under this permit shall contain a certification signed by the responsible official.

2) Upon presentation of credentials and other documents as may be required by law, the permittee shall allow authorized officials of the Missouri Department of Natural Resources, or their authorized agents, to perform the following (subject to the installation’s right to seek confidential treatment of information submitted to, or obtained by, the Air Pollution Control Program):
   a) Enter upon the premises where a permitted installation is located or an emissions-related activity is conducted, or where records must be kept under the conditions of this permit;
   b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
   c) Inspect, at reasonable times and using reasonable safety practices, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit; and
   d) As authorized by the Missouri Air Conservation Law, Chapter 643, RSMo or the Act, sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the terms of this permit, and all applicable requirements as outlined in this permit.

3) All progress reports required under an applicable schedule of compliance shall be submitted semiannually (or more frequently if specified in the applicable requirement). These progress reports shall contain the following:
   a) Dates for achieving the activities, milestones or compliance required in the schedule of compliance, and dates when these activities, milestones or compliance were achieved, and
   b) An explanation of why any dates in the schedule of compliance were not or will not be met, and any preventative or corrective measures adopted.

4) The permittee shall submit an annual certification that it is in compliance with all of the federally enforceable terms and conditions contained in this permit, including emissions limitations, standards, or work practices. These certifications shall be submitted annually by April 1st, unless the applicable requirement specifies more frequent submission. These certifications shall be submitted to EPA Region VII, 11201 Renner Blvd., Lenexa, KS 66219, as well as the Air Pollution Control Program, Compliance and Enforcement Section, P.O. Box 176, Jefferson City, MO 65102. All deviations and Part 64 exceedances and excursions must be included in the compliance certifications. The compliance certification shall include the following:
   a) The identification of each term or condition of the permit that is the basis of the certification;
   b) The current compliance status, as shown by monitoring data and other information reasonably available to the installation;
   c) Whether compliance was continuous or intermittent;
   d) The method(s) used for determining the compliance status of the installation, both currently and over the reporting period; and
   e) Such other facts as the Air Pollution Control Program will require in order to determine the compliance status of this installation.

### 10 CSR 10-6.065(6)(C)6 Permit Shield

1) Compliance with the conditions of this permit shall be deemed compliance with all applicable requirements as of the date that this permit is issued, provided that:
   a) The applicable requirements are included and specifically identified in this permit, or
b) The permitting authority, in acting on the permit revision or permit application, determines in writing that other requirements, as specifically identified in the permit, are not applicable to the installation, and this permit expressly includes that determination or a concise summary of it.

2) Be aware that there are exceptions to this permit protection. The permit shield does not affect the following:
   a) The provisions of section 303 of the Act or section 643.090, RSMo concerning emergency orders,
   b) Liability for any violation of an applicable requirement which occurred prior to, or was existing at, the time of permit issuance,
   c) The applicable requirements of the acid rain program,
   d) The authority of the Environmental Protection Agency and the Air Pollution Control Program of the Missouri Department of Natural Resources to obtain information, or
   e) Any other permit or extra-permit provisions, terms or conditions expressly excluded from the permit shield provisions.

### 10 CSR 10-6.065(6)(C)7 Emergency Provisions

1) An emergency or upset as defined in 10 CSR 10-6.065(6)(C)7.A shall constitute an affirmative defense to an enforcement action brought for noncompliance with technology-based emissions limitations. To establish an emergency- or upset-based defense, the permittee must demonstrate, through properly signed, contemporaneous operating logs or other relevant evidence, the following:
   a) That an emergency or upset occurred and that the permittee can identify the source of the emergency or upset,
   b) That the installation was being operated properly,
   c) That the permittee took all reasonable steps to minimize emissions that exceeded technology-based emissions limitations or requirements in this permit, and
   d) That the permittee submitted notice of the emergency to the Air Pollution Control Program within two working days of the time when emission limitations were exceeded due to the emergency. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and any corrective actions taken.

2) Be aware that an emergency or upset shall not include noncompliance caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error.

### 10 CSR 10-6.065(6)(C)8 Operational Flexibility

An installation that has been issued a Part 70 operating permit is not required to apply for or obtain a permit revision in order to make any of the changes to the permitted installation described below if the changes are not Title I modifications, the changes do not cause emissions to exceed emissions allowable under the permit, and the changes do not result in the emission of any air contaminant not previously emitted. The permittee shall notify the Air Pollution Control Program, Compliance and Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, as well as EPA Region VII, 11201 Renner Blvd., Lenexa, KS 66219, at least seven days in advance of these changes, except as allowed for emergency or upset conditions. Emissions allowable under the permit means a federally enforceable permit term or condition determined at issuance to be required by an applicable requirement that establishes an emissions limit (including a work practice standard) or a federally enforceable emissions cap that the source has assumed to avoid an applicable requirement to which the source would otherwise be subject.

1) Section 502(b)(10) changes. Changes that, under section 502(b)(10) of the Act, contravene an express permit term may be made without a permit revision, except for changes that would violate
applicable requirements of the Act or contravene federally enforceable monitoring (including test methods), record keeping, reporting or compliance requirements of the permit.

a) Before making a change under this provision, the permittee shall provide advance written notice to the Air Pollution Control Program, Compliance and Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, as well as EPA Region VII, 11201 Renner Blvd., Lenexa, KS 66219, describing the changes to be made, the date on which the change will occur, and any changes in emission and any permit terms and conditions that are affected. The permittee shall maintain a copy of the notice with the permit, and the APCP shall place a copy with the permit in the public file. Written notice shall be provided to the EPA and the APCP as above at least seven days before the change is to be made. If less than seven days notice is provided because of a need to respond more quickly to these unanticipated conditions, the permittee shall provide notice to the EPA and the APCP as soon as possible after learning of the need to make the change.

b) The permit shield shall not apply to these changes.

**10 CSR 10-6.065(6)(C)9 Off-Permit Changes**

1) Except as noted below, the permittee may make any change in its permitted operations, activities or emissions that is not addressed in, constrained by or prohibited by this permit without obtaining a permit revision. Insignificant activities listed in the permit, but not otherwise addressed in or prohibited by this permit, shall not be considered to be constrained by this permit for purposes of the off-permit provisions of this section. Off-permit changes shall be subject to the following requirements and restrictions:

a) The change must meet all applicable requirements of the Act and may not violate any existing permit term or condition; the permittee may not change a permitted installation without a permit revision if this change is subject to any requirements under Title IV of the Act or is a Title I modification;

b) The permittee must provide contemporaneous written notice of the change to the Air Pollution Control Program, Compliance and Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, as well as EPA Region VII, 11201 Renner Blvd., Lenexa, KS 66219. This notice shall not be required for changes that are insignificant activities under 10 CSR 10-6.065(6)(B)3 of this rule. This written notice shall describe each change, including the date, any change in emissions, pollutants emitted and any applicable requirement that would apply as a result of the change.

c) The permittee shall keep a record describing all changes made at the installation that result in emissions of a regulated air pollutant subject to an applicable requirement and the emissions resulting from these changes; and

d) The permit shield shall not apply to these changes.

**10 CSR 10-6.020(2)(R)34 Responsible Official**

The application utilized in the preparation of this permit was signed by Michael Tomaszewski, Plant Manager. If this person terminates employment, or is reassigned different duties such that a different person becomes the responsible person to represent and bind the installation in environmental permitting affairs, the owner or operator of this air contaminant source shall notify the Director of the Air Pollution Control Program of the change. Said notification shall be in writing and shall be submitted within 30 days of the change. The notification shall include the name and title of the new person assigned by the source owner or operator to represent and bind the installation in environmental permitting affairs. All representations, agreement to terms and conditions and covenants made by the former responsible person that were used in the establishment of limiting permit conditions on this permit will continue to
be binding on the installation until such time that a revision to this permit is obtained that would change said representations, agreements and covenants.

### 10 CSR 10-6.065(6)(E)6 Reopening-Permit for Cause

This permit may be reopened for cause if:

1) The Missouri Department of Natural Resources (MDNR) receives notice from the Environmental Protection Agency (EPA) that a petition for disapproval of a permit pursuant to 40 CFR § 70.8(d) has been granted, provided that the reopening may be stayed pending judicial review of that determination,

2) MDNR or EPA determines that the permit contains a material mistake or that inaccurate statements were made which resulted in establishing the emissions limitation standards or other terms of the permit,

3) Additional applicable requirements under the Act become applicable to the installation; however, reopening on this ground is not required if—:
   a) The permit has a remaining term of less than three years;
   b) The effective date of the requirement is later than the date on which the permit is due to expire;
   or
   c) The additional applicable requirements are implemented in a general permit that is applicable to the installation and the installation receives authorization for coverage under that general permit,

4) The installation is an affected source under the acid rain program and additional requirements (including excess emissions requirements), become applicable to that source, provided that, upon approval by EPA, excess emissions offset plans shall be deemed to be incorporated into the permit; or

5) MDNR or EPA determines that the permit must be reopened and revised to assure compliance with applicable requirements.

### 10 CSR 10-6.065(6)(E)1.C Statement of Basis

This permit is accompanied by a statement setting forth the legal and factual basis for the permit conditions (including references to applicable statutory or regulatory provisions). This Statement of Basis, while referenced by the permit, is not an actual part of the permit.

### VI. Attachments

Attachments follow.
### Attachment A
Construction Permit 1192-020 Tracking Sheet

<table>
<thead>
<tr>
<th>Date (Month/Year)</th>
<th>Raw Material (Name, Type)</th>
<th>Monthly Usage (ton/month)</th>
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<thead>
<tr>
<th>Date (Month/Year)</th>
<th>Raw Material (Name, Type)</th>
<th>12-Month Rolling Usage (ton/yr)¹</th>
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¹12-Month Rolling Usage (ton/yr) = The sum of the most recent 12 Monthly Usages (ton/month) of that Raw Material.
### VOC Tracking Sheet

<table>
<thead>
<tr>
<th>VOC Containing Material (Name, Type)</th>
<th>Monthly Usage (tons)</th>
<th>VOC Content (percent by weight)</th>
<th>VOC Emissions(^1) (tons)</th>
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<table>
<thead>
<tr>
<th>VOC Emission Source</th>
<th>Monthly Usage (MMscf)</th>
<th>VOC Emission Factor(^2) (lb/MMscf)</th>
<th>VOC Emissions(^3) (tons)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Natural Gas Combustion</td>
<td>5.5</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Monthly VOC Emissions (ton/month):**

\(^1\)VOC Emissions (tons) = Monthly Usage (tons) x VOC Content (percent by weight), when using SDS sheets to calculate the emissions, if there is a range of values, the highest value must be used for the calculation.

\(^2\)The VOC Emission Factor was obtained from FIRE for Process SCC 10300603.

\(^3\)VOC Emissions (tons) = Monthly Usage (MMscf) x VOC Emission Factor (lb/MMscf) x 0.0005 (ton/lb).

<table>
<thead>
<tr>
<th>Date (Month/Year)</th>
<th>12-Month Rolling VOC Emissions(^4) (ton/yr)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</table>

\(^4\)12-Month Rolling VOC Emissions (ton/yr) = The sum of the most recent 12 Monthly VOC Emissions (ton/month). **12-Month Rolling VOC Emissions of less than 40 tons demonstrates compliance.**
### Attachment C
HAP Tracking Sheet

<table>
<thead>
<tr>
<th>HAP Containing Material (Name, Type)</th>
<th>Monthly Usage (tons)</th>
<th>HAP Name: CAS #:</th>
<th>Monthly Usage (tons)</th>
<th>HAP Name: CAS #:</th>
<th>Monthly Usage (tons)</th>
<th>HAP Name: CAS #:</th>
<th>Monthly Usage (tons)</th>
<th>HAP Name: CAS #:</th>
<th>Monthly Usage (tons)</th>
<th>HAP Name: CAS #:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Content (%)</td>
<td>Emissions (tons)</td>
<td>Content (%)</td>
<td>Emissions (tons)</td>
<td>Content (%)</td>
<td>Emissions (tons)</td>
<td>Content (%)</td>
<td>Emissions (tons)</td>
<td>Content (%)</td>
<td>Emissions (tons)</td>
</tr>
<tr>
<td>Natural Gas Combustion</td>
<td>1.89</td>
<td>1.89</td>
<td>1.89</td>
<td>1.89</td>
<td>1.89</td>
<td>1.89</td>
<td>1.89</td>
<td>1.89</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. Emission Factor taken from AP-42 for Process SCC 10500106.
2. Emission (tons) = Monthly Usage (MMscf) x 1.89 lb/MMscf x 0.0005 (ton/lb)
   - Emission factor is from AP-42 Table 1.4-3 and is the sum of all HAP emission factors listed in the table.

Startup, Shutdown and malfunction emissions as reported to the Air Pollution Control Program’s Compliance/Enforcement section during the most recent 12-month period must be included in the rolling total.
12-Month Rolling Total Emissions (ton/yr) = The sum of the most recent 12 Monthly Emissions

<table>
<thead>
<tr>
<th>Date (Month/Year)</th>
<th>12-Month Rolling Total Emissions (ton/yr)</th>
<th>12-Month Rolling Total HAP Emissions (ton/yr)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>HAP Name: CAS #:</td>
<td>HAP Name: CAS #:</td>
</tr>
<tr>
<td></td>
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<td>HAP Name: CAS #:</td>
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<td></td>
<td>HAP Name: CAS #:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>HAP Name: CAS #:</td>
</tr>
</tbody>
</table>

1. The permittee is in compliance with Permit Condition PW001 if 12-Month Rolling Total Emissions of each Individual HAP are less than 10 ton/yr.
2. The permittee is in compliance with Permit Condition PW001 if 12-Month Rolling Total HAP Emissions are less than 25 ton/yr

Startup, Shutdown and malfunction emissions as reported to the Air Pollution Control Program’s Compliance/Enforcement section during the most recent 12-month period must be included in the rolling total.
STATEMENT OF BASIS

INSTALLATION DESCRIPTION
Tetra Pak provides a range of processing and packaging technologies for use with a broad array of products, from ice cream and cheese to fruit, vegetables and pet food. They supply a complete system for processing, packaging and distribution of these products. The installation is a major source of Volatile Organic Compounds (VOCs). The majority of VOC emissions come from inks and solvents associated with the installation’s natural gas fired fractional presses.

Updated Potential to Emit for the Installation and Reported Air Pollutant Emissions, tons per year

<table>
<thead>
<tr>
<th>Pollutant</th>
<th>Potential to Emit (ton/yr)(^1)(^2)</th>
<th>2015</th>
<th>2014</th>
<th>2013</th>
<th>2012</th>
<th>2011</th>
</tr>
</thead>
<tbody>
<tr>
<td>CO</td>
<td>2.31</td>
<td>0.3847</td>
<td>0.35</td>
<td>0.25</td>
<td>0.26</td>
<td>0.25</td>
</tr>
<tr>
<td>NH(_3)</td>
<td>0.01</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>NO(_x)</td>
<td>3.10</td>
<td>0.46</td>
<td>0.41</td>
<td>0.29</td>
<td>0.31</td>
<td>0.30</td>
</tr>
<tr>
<td>PM(_{10})</td>
<td>0.59</td>
<td>0.03</td>
<td>0.03</td>
<td>0.02</td>
<td>0.02</td>
<td>0.02</td>
</tr>
<tr>
<td>PM(_{25})</td>
<td>0.06</td>
<td>0.03</td>
<td>0.03</td>
<td>0.02</td>
<td>0.02</td>
<td>0.02</td>
</tr>
<tr>
<td>SO(_x)</td>
<td>0.02</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>VOC</td>
<td>354.20</td>
<td>25.49</td>
<td>22.65</td>
<td>31.34</td>
<td>31.67</td>
<td>23.65</td>
</tr>
<tr>
<td>HAPs</td>
<td>10/25</td>
<td>0.02</td>
<td>0.02</td>
<td>0.02</td>
<td>0.02</td>
<td>0.03</td>
</tr>
</tbody>
</table>

\(^1\)Potential emissions are based upon 8,760 hours of uncontrolled annual operation unless otherwise noted:
- Potential emissions were pulled from OP2012-002, the emergency generator emissions (based on 500 hours of annual operation) were added to the totals from OP2012-002.
- Potential emissions from E-01, E-02, E-03, E-04, E-05, and E-16 Standard Fractional Presses are based upon the following worst-case inks/solvents/additives:
  - Aquapak Defoamer with 0.05 weight percent Ethylbenzene and 0.05 weight percent Xylene.
  - Aquapak HAPS Free Silver with 0.11 weight percent Combined HAPs, 0.09 weight percent Manganese Compounds, 0.01 weight percent Glycol Ethers, and 0.01 weight percent Methanol.
  - Aquapak Plus AAOT Yellow with 0.01 weight percent Styrene.
  - Ethyl Acetate with 100 weight percent VOC.
- Potential emissions from E-14 Processing Photo Polymer Printing Plate are based upon the worst case cleaning solvent containing 85 weight percent VOC.

\(^2\)The installation is limited by Permit Condition PW001 to:
- Less than 10 tons of any individual HAPs from the entire installation during any consecutive 12 month period.
- Less than 25 tons of HAPs in aggregate from the entire installation during any consecutive 12 month period.

Permit Reference Documents
These documents were relied upon in the preparation of the operating permit. Because they are not incorporated by reference, they are not an official part of the operating permit.

1) Part 70 Operating Permit Application, received July 21, 2016;
2) 2015 Emissions Inventory Questionnaire, received March 30, 2016; and
4) U.S. EPA’s Factor Information Retrieval (FIRE) Date System version 6.25
5) Construction Permit 0792-037, Issued July 27, 1992
6) Construction Permit 1192-020, Issued November 30, 1992
7) No Construction Permit Required Determination, Issued January 16, 1998
8) No Construction Permit Required Determination, Issued April 26, 2000
9) Construction Permit 012005-013, Issued January 28, 2005

Applicable Requirements Included in the Operating Permit but Not in the Application or Previous Operating Permits

In the operating permit application, the installation indicated they were not subject to the following regulation(s). However, in the review of the application, the agency has determined that the installation is subject to the following regulation(s) for the reasons stated.

40 CFR Part 60, Subpart JJJJ – Standards of Performance for Stationary Spark Ignition Internal Combustion Engines is applicable to the installation and has been applied within this permit (see Permit Condition 004). There are two existing emergency engines on site, one is 14.5 HP and the other is 32 HP. The 32 HP engine, E-18, is subject to this regulation as it is over 25 HP and was constructed in 2010. This engine is also subject to 40 CFR 63 Subpart ZZZZ National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines, but maintaining compliance with Subpart JJJJ is sufficient to comply with 40 CFR 63 Subpart ZZZZ. [§63.6590 (c)]

40 CFR Part 63, Subpart ZZZZ – National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines is applicable to the installation and has been applied within this permit (see Permit Condition 003). There are two existing emergency engines on site, one is 14.5 HP and the other is 32 HP. The 14 HP engine, E-17, is subject to this regulation as it is a spark ignition internal combustion engine and is considered an existing engine as it was constructed in 2005. The other engine, E-18, is subject to 40 CFR 60 Subpart JJJJ, by complying with subpart JJJJ the engine is in compliance with Subpart ZZZZ. [§63.6590 (c)]

Other Air Regulations Determined Not to Apply to the Operating Permit

The Air Pollution Control Program (APCP) has determined the following requirements to not be applicable to this installation at this time for the reasons stated.

10 CSR 10-6.100 Alternate Emission Limits is not applicable to the installation and has not been applied within this permit. This regulation applies to installations that emit volatile organic compounds in ozone nonattainment areas. [10 CSR 10-6.100(1)(A)] The installation is located in an ozone attainment area.

10 CSR 10-6.260 Restriction of Emission of Sulfur Compounds and 10 CSR 10-6.261 Control of Sulfur Dioxide Emissions are not applicable to the installation and have not been applied within this permit. The following emission sources are the only sources of SO₂ emissions at the installation and are exempt from both of these regulations per 10 CSR 10-6.260(1)(A)2 and 10 CSR 10-6.261(1)(A) as they combust exclusively pipeline grade natural gas:

<table>
<thead>
<tr>
<th>Emission Unit</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>E-01</td>
<td>Standard Fractional Press (A) Oven, Dryer, &amp; Preheater, Natural Gas, 0.72 mmbtu/hr</td>
</tr>
<tr>
<td>E-02</td>
<td>Standard Fractional Press (B) Oven, Dryer, &amp; Preheater, Natural Gas, 0.72 mmbtu/hr</td>
</tr>
<tr>
<td>E-03</td>
<td>Standard Fractional Press (C) Oven, Dryer, &amp; Preheater, Natural Gas, 0.72 mmbtu/hr</td>
</tr>
<tr>
<td>E-04</td>
<td>Standard Fractional Press (D) Oven, Dryer, &amp; Preheater, Natural Gas, 0.72 mmbtu/hr</td>
</tr>
<tr>
<td>E-05</td>
<td>Standard Fractional Press (E) Oven, Dryer, &amp; Preheater, Natural Gas, 0.62 mmbtu/hr</td>
</tr>
<tr>
<td>E-06</td>
<td>Flame Sealer (A) Stack, Natural Gas, 0.4 mmbtu/hr</td>
</tr>
<tr>
<td>Emission Unit</td>
<td>Description</td>
</tr>
<tr>
<td>---------------</td>
<td>-------------</td>
</tr>
<tr>
<td>E-07</td>
<td>Flame Sealer (B) Stack, Natural Gas, 0.4 mmbtu/hr</td>
</tr>
<tr>
<td>E-08</td>
<td>Flame Sealer (C) Stack, Natural Gas, 0.4 mmbtu/hr</td>
</tr>
<tr>
<td>E-09</td>
<td>Flame Sealer (D) Stack, Natural Gas, 0.4 mmbtu/hr</td>
</tr>
<tr>
<td>E-10</td>
<td>Flame Sealer (E) Stack, Natural Gas, 0.4 mmbtu/hr</td>
</tr>
<tr>
<td>E-12</td>
<td>Mini-Fractional Press (E) Preheater Stack, Natural Gas, 0.1 mmbtu/hr</td>
</tr>
<tr>
<td>E-13</td>
<td>Space Heaters, Natural Gas, 1.1 mmbtu/hr</td>
</tr>
<tr>
<td>E-16</td>
<td>Standard Fractional Press (F) Oven, Dryer, &amp; Preheater, Natural Gas</td>
</tr>
</tbody>
</table>

10 CSR 10-6.400 *Restriction of Emission of Particulate Matter from Industrial Processes* is not applicable to the installation and has not been applied within this permit. The installation does contain particulate emission sources; however, every emission unit has potential particulate emissions below 0.5 lb/hr and are exempt per 10 CSR 10-6.400(1)(B)12 Plant wide potential particulate emissions were calculated to be 0.13 lb/hr.

10 CSR 10-6.405 *Restriction of Particulate Matter Emissions From Fuel Burning Equipment Used For Indirect Heating* is not applicable to the installation and has not been applied within this permit. An installation is exempt from this rule if all of the installation’s indirect heating sources exclusively combust natural gas. [10 CSR 10-6.405(1)(E)] The only indirect heating source at the installation is E-13 Space Heaters.

**Construction Permit History**

Construction Permit 0792-037, Issued July 27, 1992:
- This de minimis construction permit is for the installation of four natural gas fired burners for drying ink.
- This construction permit contains no special conditions.

Construction Permit 1192-020, Issued November 30, 1992:
- This de minimis construction permit is for the installation of E-05 Standard Fractional Press (E) Oven, Dryer, & Preheater, E-10 Flame Sealer (E) Stack, and E-12 Mini-Fractional Press (E) Preheater Stack.
- Special Condition 1 has been applied within this permit (see Permit Condition 001).
- Special Condition 2 has not been applied within this permit. This condition required all emission control equipment associated with the equipment to be maintained and operated in serviceable condition as prescribed by the manufacturer; however, the emission units do not employ control equipment and never have.

No Construction Permit Required Determination, Issued May 15, 1996
- This no construction permit required determination is for the installation of new press and flame sealer.

No Construction Permit Required Determination, Issued January 16, 1998:
- This no construction permit required determination is for the installation of a 250 gallon semi-automatic wastewater treatment system which includes a “water washer” batch system and high efficiency sludge dryer.

No Construction Permit Required Determination, Issued April 26, 2000:
This no construction permit required determination is for the installation of EP-14 Processing Photo Polymer Printing Plates. The determination is based upon a maximum annual processing usage of 20,000 ft², annual usage above 20,000 ft² would require re-evaluation of construction permitting applicability.

Construction Permit 012005-013, Issued January 28, 2005:
- This de minimis construction permit is for the installation of E-16 Standard Fractional Press (F) Oven, Dryer, & Preheater.
- Special Conditions 1.A, 1.C, and 1.D have been applied within this permit (see Permit Condition 002).
- Special Conditions 1.B, 1.C, 1.D, and 2 have been applied within this permit (see Permit Condition PW001).

New Source Performance Standards (NSPS) Applicability
40 CFR 60 Subpart Dc - Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units is not applicable to the installation and has not been applied in this permit. All emission units subject to this rule are natural gas fired and are smaller than 10 mmbtu/hr. [§60.40c(a)]

40 CFR Part 60, Subparts K, Ka, and Kb – Standards of Performance for Storage Vessels are not applicable to the installation and have not been applied within this permit. Subparts K and Ka are only applicable to storage vessels greater than 40,000 gallons in capacity. [§60.110(a) and §60.110a(a)] Subpart Kb is only applicable to storage vessels greater than 75 m³ in capacity. [§60.110b(a)] None of the storage tanks at the installation have a capacity greater than 75 m³ (19,182 gallons). T-01 is a 6,000 gallon acetate storage tank and T-02 is a 3,000 gallon alcohol storage tank.

40 CFR Part 60, Subpart QQ - Standards of Performance for the Graphic Arts Industry: Publication Rotogravure Printing is not applicable to the installation and has not been applied within this permit. Subpart QQ is for publication rotogravure printing. This facility prints milk cartons, and does not do printing for publications, i.e. magazines, phone books, direct mailings, etc.

40 CFR Part 60, Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines is not applicable to the installation and has not been applied within this permit. This regulation is applicable to owners and operators of stationary CI ICE constructed after July 11, 2005. [§60.4200(a)(2)] All engines at the facility are Spark Ignition Internal Combustion Engines.

40 CFR Part 60, Subpart JJJJ – Standards of Performance for Stationary Spark Ignition Internal Combustion Engines is applicable to the installation and has been applied within this permit (see Permit Condition 004). There are two existing emergency engines on site, one is 14.5 HP and the other is 32 HP. The 32 HP engine, E-18, is subject to this regulation as it is over 25 HP and was constructed in 2010. This engine is also subject to 40 CFR 63 Subpart ZZZZ National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines, but maintaining compliance with Subpart JJJJ is sufficient to comply with 40 CFR 63 Subpart ZZZZ. [§63.6590 (c)] The 14.5 HP engine, E-17 is not subject to Subpart JJJJ as it is under the minimum size of 25 HP and was installed in 2005, prior to the applicability date of July 1, 2008. [§60.4230]
Maximum Achievable Control Technology (MACT) Applicability
40 CFR Part 63, Subpart T – National Emission Standards for Halogenated Solvent Cleaning is not applicable to the installation and has not been applied within this permit. This regulation is applicable to each individual batch vapor, in-line vapor, in-line cold, and batch cold solvent cleaning machines using a solvent containing methylene chloride (75-09-2), perchloroethylene (127-18-4), trichloroethylene (79-01-6), 1,1,1-trichloroethane (71-55-6), carbon tetrachloride (56-23-5), or chloroform (67-66-3). [§63.460(a)] INS-01 Solvent Metal Cleaning – Parts Washer does not use any solvent containing the listed chemicals.

40 CFR Part 63, Subpart KK – National Emission Standards for the Printing and Publishing Industry is not applicable to the installation. This rule shouldn’t have been applied in the previous permit as this facility already has a federally enforceable limit for HAPs based on Construction Permit 012005-013, Issued January 28, 2005. Section 63.820(a)(7) states “Nothing in this paragraph is intended to preclude a facility from establishing area source status by limiting its potential to emit through other appropriate mechanisms that may be available through the permitting authority” because the facility already has a federally enforceable construction permit that determined the facility is an area source, this rule is not applicable and has not been applied in this permit.

40 CFR Part 63, Subpart JJJJ – National Emission Standards for Hazardous Air Pollutants: Paper and Other Web Coating is not applicable to the installation and has not been applied within this permit. This regulation is applicable to web coating lines at major sources of HAP. [§63.3280] The installation is a minor source of HAP.

40 CFR Part 63, Subpart ZZZZZ – National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines is applicable to the installation and has been applied within this permit (see Permit Condition 003). There are two existing emergency engines on site, one is 14.5 HP and the other is 32 HP. The 14 HP engine, E-17, is subject to this regulation as it is a spark ignition internal combustion engine and is considered an existing engine as it was constructed in 2005. The other engine, E-18, is subject to 40 CFR 60 Subpart JJJJ, by complying with subpart JJJJ the engine is in compliance with Subpart ZZZZ. [§63.6590 (c)]

40 CFR Part 63, Subpart HHHHHH – National Emission Standards for Hazardous Air Pollutants: Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources is not applicable to the installation and has not been applied within this permit. This regulation applies to area sources conducting paint stripping operations using chemical strippers containing methylene chloride (75-09-2); autobody refinishing operations; or coatings containing compounds of chromium, lead, manganese, nickel, or cadmium which are spray applied to metal and/or plastic parts/products. [§63.11169] The permittee does not use any chemical containing methylene chloride. The permittee does not perform autobody refinishing. The permittee does have coatings (inks) containing manganese compounds; however, the permittee does not use spray application, nor does the permittee coat metal and/or plastic parts/products.

National Emission Standards for Hazardous Air Pollutants (NESHAP) Applicability
None

Compliance Assurance Monitoring (CAM) Applicability
40 CFR Part 64, Compliance Assurance Monitoring (CAM)
The CAM rule applies to each pollutant specific emission unit that:

- Is subject to an emission limitation or standard, and
- Uses a control device to achieve compliance, and
- Has pre-control emissions that exceed or are equivalent to the major source threshold.

40 CFR Part 64 is not applicable because none of the pollutant-specific emission units uses a control device to achieve compliance with a relevant standard.

**Greenhouse Gas Emissions**

Note that this source is subject to the Greenhouse Gas Reporting Rule. However, the preamble of the GHG Reporting Rule clarifies that Part 98 requirements do not have to be incorporated in Part 70 permits operating permits at this time. In addition, Missouri regulations do not require the installation to report CO₂ emissions in their Missouri Emissions Inventory Questionnaire; therefore, the installation’s CO₂ emissions were not included within this permit. The applicant is required to report the data directly to EPA. The public may obtain CO₂ emissions data for this installation by visiting http://epa.gov/ghgreporting/ghgdata/reportingdatasets.html.

**Other Regulatory Determinations**

10 CSR 10-6.170 *Restriction of Particulate Matter to the Ambient Air Beyond the Premises of Origin* is applicable to the installation. The installation’s potential emissions of particulate matter were calculated to be 0.59 ton/yr (0.13 lb/hr). As the installation’s potential emissions of particulate matter are quite low, the installation is assumed to always be in compliance with this regulation while being properly maintained and operated; therefore, no further monitoring, recordkeeping, or reporting is required at this time.

10 CSR 10-6.220 *Restriction of Emission of Visible Air Contaminants* is applicable to the installation, but has not been applied within this permit. The installation does have visible air emissions sources; however, all sources are natural gas fired and are exempt from this rule under 10 CSR 10-6.220(1)(L). The installation’s total potential emissions of particulate matter were calculated to be 0.59 ton/yr (0.13 lb/hr) and are not expected to exceed the opacity limits while being properly maintained and operating. No further monitoring, recordkeeping, or reporting is required at this time.

**Other Regulations Not Cited in the Operating Permit or the Above Statement of Basis**

Any regulation which is not specifically listed in either the Operating Permit or in the above Statement of Basis does not appear, based on this review, to be an applicable requirement for this installation for one or more of the following reasons:

1. The specific pollutant regulated by that rule is not emitted by the installation;
2. The installation is not in the source category regulated by that rule;
3. The installation is not in the county or specific area that is regulated under the authority of that rule;
4. The installation does not contain the type of emission unit which is regulated by that rule;
5. The rule is only for administrative purposes.

Should a later determination conclude that the installation is subject to one or more of the regulations cited in this Statement of Basis or other regulations which were not cited, the installation shall determine and demonstrate, to the APCP's satisfaction, the installation's compliance with that regulation(s). If the
installation is not in compliance with a regulation which was not previously cited, the installation shall submit to the APCP a schedule for achieving compliance for that regulation(s).
Response to Public Comments

On May 16, 2017, Mr. Mark A. Smith, Chief of the Air Permitting and Compliance Branch of the Environmental Protection Agency submitted three comments regarding the draft operating permit for Metal Container Corporation, Project 2016-06-013. The comments are addressed in the order in which they appear within the letter(s).

Comment #01: Plant Wide Permit Condition PW001 establishes a hazardous air pollutant (HAP) synthetic minor emission limit of less than ten tons of each individual HAP in any consecutive 12-month period and less than 25 tons of combined HAP in any consecutive 12-month period from the entire installation. Plant Wide Permit Condition PW001 also requires the permittee to use Attachments C and D, or an equivalent form(s) generated by the permittee, to demonstrate compliance. Attachments C and D appear to be tailored to a HAP determination through the use of material balance; most often used in the printing and coating industry. However, the HAP limit on the entire installation, in this permit, requires the permittee to account for all sources of HAP emissions including those that may arise from the combustion of fuels. Attachment D includes an entry in the site-wide summary for an accounting of HAP emissions from the combustion of natural gas, however, for the data to pass EPA’s test of practical enforceability, the method of HAP determination should be included. Therefore, EPA suggests MDNR include the process the permittee uses to determine natural gas combustion HAP emissions; similar to the approach included in both Operating Permit OP2012-002 and Permit to Construct #012005-013

Response to Comment: The attachments have been updated as suggested.

Comment #02: Permit Condition 003 incorporates applicable requirements from 40 CFR part 63, Subpart ZZZZ-National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines. If Tetra Pak-Sikeston is an area source of hazardous air pollutants (HAPs) as controlled by Plant Wide Permit Condition PW001, then MDNR relies on EPA for compliance management. Therefore, all 40 CFR Part 63, Subpart ZZZZ compliance related reporting should be submitted to the Missouri Air Compliance Coordinator at EPA Region 7 with copies to MDNR as necessary and the reporting requirement in Permit Condition 003 should be modified to reflect this reporting scenario.

Response to Comment: Corrected

Comment #03: The draft operating permit contains several acronyms (i.e. SI ICE, RICE, etc.), some of which are defined elsewhere in the draft permit and some which are not defined in the permit. Many of these acronyms may not be identifiable by some of the public reviewers, so EPA suggests that MDNR consider including a list of common acronyms as either an attachment to the permit or as a section in the statement of basis.

Response to Comment: The acronyms have been defined where initially used in the subpart.
Mr. Michael Tomaszewski  
Tetra Pak Materials, LP  
2200 East Malone Avenue  
Sikeston, MO 63801

Re: Tetra Pak Materials, LP, 201-0003  
Permit Number: OP2017-052

Dear Mr. Tomaszewski:

Enclosed with this letter is your Part 70 operating permit. Please review this document carefully. Operation of your installation in accordance with the rules and regulations cited in this document is necessary for continued compliance. It is very important that you read and understand the requirements contained in your permit.

This permit may include requirements with which you may not be familiar. If you would like the department to meet with you to discuss how to understand and satisfy the requirements contained in this permit, an appointment referred to as a Compliance Assistance Visit (CAV) can be set up with you. To request a CAV, please contact your local regional office or fill out an online request. The regional office contact information can be found at http://dnr.mo.gov/regions/. The online CAV request can be found at http://dnr.mo.gov/cav/compliance.htm.

You may appeal this permit to the Administrative Hearing Commission (AHC), P.O. Box 1557, Jefferson City, MO 65102, as provided in RSMo 643.078.16 and 621.250.3. If you choose to appeal, you must file a petition with the AHC within thirty days after the date this decision was mailed or the date it was delivered, whichever date was earlier. If any such petition is sent by registered mail or certified mail, it will be deemed filed on the date it is mailed. If it is sent by any method other than registered mail or certified mail, it will be deemed filed on the date it is received by the AHC.

If you have any questions or need additional information regarding this permit, please contact the Air Pollution Control Program (APCP) at (573) 751-4817, or you may write to the Department of Natural Resources, Air Pollution Control Program, P.O. Box 176, Jefferson City, MO 65102.

Sincerely,

AIR POLLUTION CONTROL PROGRAM

Michael J. Stansfield, P.E.  
Operating Permit Unit Chief

MJS:kbj

Enclosures  
c: PAMS File: 2016-07-040