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

Final

AIR QUALITY PERMIT

Issued under 401 KAR 52:020

Permittee Name:	**TransMontaigne Operating Company, L.P.**
Mailing Address:	**1670 Broadway, Suite 3100, Denver, CO 80202**
Source Name:	**TransMontaigne Operating Company, L.P. - Paducah Terminal**
Mailing Address:	**1670 Broadway, Suite 3100, Denver, CO 80202**
Source Location:	**233 Elizabeth Street, Paducah, Kentucky 42003**
Permit:	**V-24-038**
Agency Interest:	**3071**
Activity:	**APE20220001**
Review Type:	**Title V, Operating**
Source ID:	**21-145-00052**
Regional Office:	**Paducah Regional Office 130 Eagle Nest Drive, Paducah, KY 42003 (270)-898-8468**
County:	**McCracken**
Application Complete Date:	**December 11, 2024**
Issuance Date:	**May 16, 2025**
Expiration Date:	**May 16, 2030**

Rick Shewekah

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

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Permit	Permit Type	Activity#	Complete Date	Issuance Date	Summary of Action
V-24-038	Renewal	APE20220001	12/11/2024	5/16/2025	Title V Renewal

SECTION A - PERMIT AUTHORIZATION

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

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

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

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

Paducah Terminal:

015 (LR-1) Two-Bay Tank Truck Loading Rack with eleven (11) loading arms and associated pipeline equipment.
Installation Date: 1988; Reconstructed 2001.

Material
Diesel Fuel (distillate), Conventional Gasoline, Resin Oil No. 80 (distillate), and Jet A/Kerosene (distillate)

Riverway Terminal:

004 (LR-1) Two-Bay Tank Truck Loading Rack with fourteen (14) loading arms and associated pipeline equipment
Installation Date: 6/19/1979; Reconstruction 2001.

Material
Diesel Fuel (distillate) and Conventional Gasoline/Ethanol

Maximum Loaded Capacities:
500,000,000 gal/yr (Gasoline) and 500,000,000 gal/yr (Distillate)

Control: Loading Rack emissions from the two loading racks are controlled by one control unit, a John Zink Vapor Combustion Unit (VCU).
Date Installed: 1988

Terminal Fugitive Equipment Leaks:

Emission Point	**07**
Description	Fugitive equipment leaks from pump seals, valves, connectors, etc. Construction Date: 1995 Controls: None

APPLICABLE REGULATIONS:

401 KAR 60:005, Section 2(2)(eee), 40 C.F.R. 60.500 through 60.506 (Subpart XX), Standards of Performance for Bulk Gasoline Terminals.

401 KAR 63:002, Section 2(4)(ccccc), 40 C.F.R. 63.11080 through 63.11100, Tables 1 through 3 (Subpart BBBBBB), National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities.

40 CFR 64, Compliance Assurance Monitoring (CAM), for volatile organic compounds (VOC).

STATE-ORIGIN REQUIREMENTS:

401 KAR 63:020, Potentially Hazardous Matter or Toxic Substances, applies to the loading racks while loading distillate.

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

NON-APPLICABLE REGULATIONS:

401 KAR 63:002, Section 2(4)(k), 40 C.F.R. 63.420 through 63.429, Table 1 (Subpart R), National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations).

1. Operating Limitations:

a. Each affected facility shall be equipped with a vapor collection system designed to collect the total organic compounds vapors displaced from tank trucks during product loading [40 CFR 60.502(a)].

b. Each vapor collection system shall be designed to prevent any total organic compounds vapors collected at one loading rack from passing to another loading rack [40 CFR 60.502(d)].

c. Loadings of liquid product into gasoline tank trucks shall be limited to vapor-tight gasoline tank trucks using the following procedures [40 CFR 60.502(e)(1) – (6)]:

i. The permittee shall obtain the vapor tightness documentation described in 40 CFR 60.505(b) for each gasoline tank truck which is to be loaded at the affected facility. [40 CFR 60.502(e)(1)]

ii. The permittee shall require the tank identification number to be recorded as each gasoline tank truck is loaded at the affected facility. [40 CFR 60.502(e)(2)

iii. The permittee shall cross-check each tank identification number obtained in 40 CFR 60.502(e)(2) (**1. Operating Limitations c.ii.**) with the file of tank vapor tightness documentation within 2 weeks after the corresponding tank is loaded, unless either of the following conditions is maintained: [40 CFR 60.502(e)(3)(i)]

(A) If less than an average of one gasoline tank truck per month over the last 26 weeks is loaded without vapor tightness documentation then the documentation cross-check shall be performed each quarter; or [40 CFR 60.502(e)(3)(i)(A)]

(B) If less than an average of one gasoline tank truck per month over the last 52 weeks is loaded without vapor tightness documentation then the documentation cross-check shall be performed semiannually. [40 CFR 60.502(e)(3)(i)(B)]

iv. If either the quarterly or semiannual cross-check provided in 40 CFR 60.502(e)(3)(i) (A) – (B) (**1. Operating Limitations c.iii.(A) – (B)**) reveals that these conditions were not maintained, the source must return to biweekly monitoring until such time as these conditions are again met. [40 CFR 60.502(e)(3)(ii)]

v. The terminal permittee shall notify the permittee of each non-vapor-tight gasoline tank truck loaded at the affected facility within 1 week of the documentation cross-check in 40 CFR 60.502(e)(3) (**1. Operating Limitations c.iii.**). [40 CFR 60.502(e)(4)]

vi. The terminal permittee shall take steps assuring that the nonvapor-tight gasoline tank truck will not be reloaded at the affected facility until vapor tightness documentation for that tank is obtained. [40 CFR 60.502(e)(5)]

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

vii. Alternate procedures to those described in 40 CFR 60.502(e)(1) – (5) (**1. Operating Limitations c.i. – vi.**) for limiting gasoline tank truck loadings may be used upon application to, and approval by, the Administrator. [40 CFR 60.502(e)(6)]

d. The permittee shall act to assure that loadings of gasoline tank trucks at the affected facility are made only into tanks equipped with vapor collection equipment that is compatible with the terminal's vapor collection system [40 CFR 60.502(f)].

e. The permittee shall act to assure that the terminal's and the tank truck's vapor collection systems are connected during each loading of a gasoline tank truck at the affected facility. Examples of actions to accomplish this include training drivers in the hookup procedures and posting visible reminder signs at the affected loading racks [40 CFR 60.502(g)].

f. The vapor collection and liquid loading equipment shall be designed and operated to prevent gauge pressure in the delivery tank from exceeding 4,500 pascals (450 mm of water) during product loading. This level is not to be exceeded when measured by the procedures specified in 40 CFR 60.503(d) [40 CFR 60.502(h)].

g. No pressure-vacuum vent in the bulk gasoline terminal's vapor collection system shall begin to open at a system pressure less than 4,500 pascals (450 mm of water) [40 CFR 60.502(i)].

h. 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 the applicable standard have been achieved. Determination of whether such operation and maintenance procedures are being used will be based on information available to the Administrator, which may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source [40 CFR 63.11085(a)].

i. The permittee must not allow gasoline to be handled in a manner that would result in vapor releases to the atmosphere for extended periods of time. Measures to be taken include, but are not limited to, the following: [40 CFR 63.11085(b)]
   i. Minimize gasoline spills; [40 CFR 63.11085(b)(1)]
   ii. Clean up spills as expeditiously as practicable; [40 CFR 63.11085(b)(2)]
   iii. Cover all open gasoline containers and all gasoline storage tank fill-pipes with a gasketed seal when not in use; and [40 CFR 63.11085(b)(3)]
   iv. Minimize gasoline sent to open waste collection systems that collect and transport gasoline to reclamation and recycling devices, such as oil/water separators. [40 CFR 63.11085(b)(4)]

j. The permittee must keep applicable records and submit reports as specified in 40 CFR 63.11094(g) and 40 CFR 63.11095(d) or 40 CFR 63.11095(e). [40 CFR 63.11085(c)].

k. For bulk gasoline terminal loading rack(s) with a gasoline throughput (total of all racks) of 250,000 gallons per day, or greater, calculated by summing the current day's throughput, plus the throughput for the previous 364 days, and then dividing that sum by 365, the permittee shall comply to the following requirements from Table 2 of Subpart BBBBBB [40 CFR 63.11088(a)]:

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

i. Equip the loading rack(s) with a vapor collection system designed and operated to collect the TOC vapors displaced from cargo tanks during product loading; and [Table 2 item 1.(a) to 40 CFR 63, Subpart BBBBBB]
ii. Reduce emissions of TOC to less than or equal to 80 milligrams per liter (mg/l) of gasoline loaded into gasoline cargo tanks at the loading rack; and [Table 2 item 1.(b) to 40 CFR 63, Subpart BBBBBB]
iii. No later than the dates specified in 40 CFR 63.11083, reduce emissions of TOC to the applicable limits in table 3 to 40 CFR 63, Subpart BBBBBB. The requirements in item 1(b) do not apply when demonstrating compliance with this item; and [Table 2 item 1.(c) to 40 CFR 63, Subpart BBBBBB]
iv. Design and operate the vapor collection system to prevent any TOC vapors collected at one loading rack or lane from passing through another loading rack or lane to the atmosphere; and [Table 2 item 1.(d) to 40 CFR 63, Subpart BBBBBB]
v. Limit the loading of gasoline into gasoline cargo tanks that are vapor tight using the procedures specified in 40 CFR 60.502(e) through (j) of 40 CFR 63, Subpart BBBBBB. or the purposes of 40 CFR 63.11088, the term “tank truck” as used in 40 CFR 60.502(e) through (j) means “gasoline cargo tank” as defined in 40 CFR 63.11100; and [Table 2 item 1.(e) to 40 CFR 63, Subpart BBBBBB]
vi. No later than the dates specified in 40 CFR 63.11083, limit the loading of liquid product into gasoline cargo tanks using the procedures specified in 40 CFR 60.502a(e) through (i) and in 40 CFR 63.11092(g) and (h). The requirements in item 1(e) of Table 2 to 40 CFR 63, Subpart BBBBBB do not apply when demonstrating compliance with this item. [Table 2 item 1.(f) to 40 CFR 63, Subpart BBBBBB]

l. For bulk gasoline terminal loading rack(s) with a gasoline throughput (total of all racks) of less than 250,000 gallons per day (calculated by summing the current day's throughput, plus the throughput for the previous 364 days, and then dividing the sum by 365), the permittee shall comply to the following requirements from Table 2 of Subpart BBBBBB [40 CFR 63.11088(a)]:
   i. Use submerged filling with a submerged fill pipe that is not more than 6 inches from the bottom of the cargo tank; and [Table 2 item 2.(a) to 40 CFR 63, Subpart BBBBBB]
   ii. Make records available within 24 hours of a request by the Administrator to document gasoline throughput. [Table 2 item 2.(b) to 40 CFR 63, Subpart BBBBBB]
   iii. No later than the dates specified in 40 CFR 63.11083, limit the loading of gasoline into gasoline cargo tanks that are vapor tight using the procedures specified in 40 CFR 60.502a(e) of 40 CFR Chapter I and in 40 CFR 63.11092(g). [Table 2 item 2.(c) to 40 CFR 63, Subpart BBBBBB]
m. For an existing affected source (loading rack) that becomes subject to the control requirements in Subpart BBBBBB because of an increase in the daily throughput, as specified in 40 CFR 63.11086(a) or in option 1 of table 2 of Subpart BBBBBB, the permittee must comply with the standards of Subpart BBBBBB no later than 3 years after the affected source becomes subject to the control requirements in Subpart BBBBBB [40 CFR 63.11083(c)].

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

Compliance Demonstration Method
Refer to **3. Testing Requirements**, **4. Specific Monitoring Requirements**, **5. Specific Recordkeeping Requirements**, and **6. Specific Reporting Requirements**.

2. Emission Limitations:

a. The emissions to the atmosphere from the vapor collection system due to the loading of liquid product into gasoline tank trucks are not to exceed 35 milligrams of total organic compounds per liter of gasoline loaded [40 CFR 60.502(b)].
b. Persons responsible for a source from which hazardous matter or toxic substances may be emitted shall provide the utmost care and consideration, in the handling of these materials, to the potentially harmful effects of the emissions resulting from such activities. The permittee shall not allow the loading racks to emit potentially hazardous matter or toxic substances in such quantities or duration as to be harmful to the health and welfare of humans, animals, and plants [401 KAR 63:020].
c. Refer to Section D.3, **Source Emission Limitations**, for HAP emission limitations.

Compliance Demonstration Method:

a. Refer to **3. Testing Requirements**.
b. The source is in compliance with 401 KAR 63:020 based on the rates of emissions of airborne toxics provided in the application submitted by the source.
c. Refer to Section D.3, **Source Emission Limitations**, **Compliance Demonstration Method**.

3. Testing Requirements:

a. The permittee shall perform emissions testing every five (5) years from the date of the most recent performance test in order to demonstrate compliance with **1. Operating Limitations**. Testing procedures for VOC emissions from truck loading of gasoline, vapor collection system operations, and pipeline equipment shall be in accordance with 40 CFR 60.503. Retain copies of test results for each emission control device.
b. The permittee must comply with the applicable testing requirements specified in 40 CFR 63.11092. As an alternative to the pressure monitoring requirements specified in 40 CFR 60.504a(d), the permittee may comply with the requirements specified in 40 CFR 63.11092(h). [40 CFR 63.11088(d)]
c. Refer to **Section G.5** for additional testing requirements.

4. Specific Monitoring Requirements:

a. Monitoring of the tank trucks shall be performed in accordance with 40 CFR 60.502(e), (f), and (g). The permittee shall maintain on-site the capability to monitor the delivery tank pressure during a performance test or an inspection, at the request of the Division.
b. The permittee of a bulk gasoline terminal, bulk gasoline plant, pipeline breakout station, or pipeline pumping station subject to the provisions of 40 CFR 63, Subpart BBBBBB shall implement a leak detection and repair program for all equipment in gasoline service according to the requirements in 40 CFR 63.11089(b) or (c), as applicable based on the compliance dates specified in 40 CFR 63.11083. [40 CFR 63.11089(a)]

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

i. Perform a monthly leak inspection of all equipment in gasoline service, as defined in 40 CFR 63.11100. For this inspection, detection methods incorporating sight, sound, and smell are acceptable. [40 CFR 63.11089(b)]
   (A) A logbook shall be used and shall be signed by the permittee at the completion of each inspection. A section of the logbook shall contain a list, summary description, or diagram(s) showing the location of all equipment in gasoline service at the facility. [40 CFR 63.11089(b)(1)]
   (B) Each detection of a liquid or vapor leak shall be recorded in the logbook. When a leak is detected, an initial attempt at repair shall be made as soon as practicable, but no later than 5 calendar days after the leak is detected. Repair or replacement of leaking equipment shall be completed within 15 calendar days after detection of each leak, except as provided in 40 CFR 63.11089(b)(3). [40 CFR 63.11089(b)(2)]
   (C) Delay of repair of leaking equipment will be allowed if the repair is not feasible within 15 days. The permittee shall provide in the semiannual report specified in 40 CFR 63.11095(c), the reason(s) why the repair was not feasible and the date each repair was completed. [40 CFR 63.11089(b)(3)]

ii. No later than the dates specified in 40 CFR 63.11083, comply with the requirements in 40 CFR 60.502a(j) except as provided in 40 CFR 63.11089(c)(1) through (4). The requirements in 40 CFR 63.11089(b) do not apply when demonstrating compliance with 40 CFR 63.11089(c). [40 CFR 63.11089(c)]
   (A) The frequency for optical gas imaging (OGI) monitoring shall be annually rather than quarterly as specified in 40 CFR 60.502a(j)(1)(i) of 40 CFR Chapter I. [40 CFR 63.11089(c)(1)]
   (B) The frequency for Method 21 monitoring of pumps and valves shall be annually rather than quarterly as specified in 40 CFR 60.502a(j)(1)(ii)(A) and (B) of 40 CFR Chapter I. [40 CFR 63.11089(c)(2)]
   (C) The frequency of monitoring of pressure relief devices shall be annually and within 5 calendar days after each pressure release rather than quarterly and within 5 calendar days after each pressure release as specified in 40 CFR 60.502a(j)(4)(i) of 40 CFR Chapter I. [40 CFR 63.11089(c)(3)]
   (D) Any pressure relief device that is located at a bulk gasoline plant or pipeline pumping station that is monitored only by non-plant personnel may be monitored after a pressure release the next time the monitoring personnel are onsite, but in no case more than 30 calendar days after a pressure release. [40 CFR 63.11089(c)(4)]

c. Each calendar month, the vapor collection system, the vapor processing system, and each loading rack handling gasoline shall be inspected during the loading of gasoline tank trucks for total organic compounds liquid or vapor leaks. For purposes of this paragraph, detection methods incorporating sight, sound, or smell are acceptable. Each detection of a leak shall be recorded and the source of the leak repaired within 15 calendar days after it is detected [40 CFR 60.502(j)].

d. The permittee shall determine compliance with the standard in 40 CFR 60.502(h) as follows [40 CFR 60.503(d)(1)]:

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

A pressure measurement device (liquid manometer, magnehelic gauge, or equivalent instrument), capable of measuring up to 500 mm of water gauge pressure with ±2.5 mm of water precision, shall be calibrated and installed on the terminal's vapor collection system at a pressure tap located as close as possible to the connection with the gasoline tank truck.

e. Refer to **7. Specific Control Equipment Operating Conditions** for applicable requirements pursuant to 40 CFR 64, *Compliance Assurance Monitoring*.

5. Specific Recordkeeping Requirements:

a. The tank truck vapor tightness documentation required under 40 CFR 60.502(e)(1) shall be kept on file at the terminal in a permanent form available for inspection [40 CFR 60.505(a)].

b. The documentation file for each gasoline tank truck shall be updated at least once per year to reflect current test results as determined by Method 27. This documentation shall include, as a minimum, the following information [40 CFR 60.505(b)]:
   i. Test title: Gasoline Delivery Tank Pressure Test - EPA Reference Method 27
   ii. Tank owner and address
   iii. Tank identification number
   iv. Testing location
   v. Date of test
   vi. Tester name and signature
   vii. Witnessing inspector, if any: name, signature, and affiliation
   viii. Test results: Actual pressure change in 5 minutes, mm of water (average for 2 runs)

c. A record of each monthly leak inspection required under 40 CFR 60.502(j) shall be kept on file at the terminal for at least 2 years. Inspection records shall include, as a minimum, the following information [40 CFR 60.505(c)]:
   i. Date of inspection
   ii. Findings (may indicate no leaks discovered; or location, nature, and severity of each leak)
   iii. Leak determination method
   iv. Corrective action (date each leak repaired; reasons for any repair interval in excess of 15 days)
   v. Inspector name and signature

d. The terminal permittee shall keep documentation of all notifications required under 40 CFR 60.502(e)(4) on file at the terminal for at least 2 years [40 CFR 60.505(d)].

e. As an alternative to keeping records at the terminal of each gasoline cargo tank test result as required in 40 CFR 60.505(a), (c) and (d) (**5. Specific Recordkeeping Requirements a., c.** and **d.**), an permittee may comply with the following requirements in either 40 CFR 60.505(e)(1) or (2) [40 CFR 60.505(e)]:
   i. An electronic copy of each record is instantly available at the terminal.
      (A) The copy of each record in 40 CFR 60.505(e)(1) is an exact duplicate image of the original paper record with certifying signatures.
      (B) The permitting authority is notified in writing that each terminal using this alternative is in compliance with 40 CFR 60.505(e)(1).

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

ii. For facilities that utilize a terminal automation system to prevent gasoline cargo tanks that do not have valid cargo tank vapor tightness documentation from loading (e.g., via a card lock-out system), a copy of the documentation is made available (e.g., via facsimile) for inspection by permitting authority representatives during the course of a site visit, or within a mutually agreeable time frame.
   (A) The copy of each record in 40 CFR 60.505(e)(2) is an exact duplicate image of the original paper record with certifying signatures.
   (B) The permitting authority is notified in writing that each terminal using this alternative is in compliance with 40 CFR 60.505(e)(2).

f. The permittee of an affected facility shall keep records of all replacements or additions of components performed on an existing vapor processing system for at least 3 years [40 CFR 60.505(f)].
g. The permittee shall retain a copy of the most recent 40 CFR 60, Subpart XX performance test report for each control device used for compliance with the rule.
h. The permittee shall maintain records of the amount of each product loaded (gallons) at emission points **04** and **15** on a monthly and consecutive twelve (12) month basis.
i. Each permittee of a bulk gasoline terminal subject to the provisions of Subpart BBBBBB shall keep records of the test results for each gasoline cargo tank loading at the facility as specified in 40 CFR 63.11094(b)(1) – (3) or the alternative electronic recordkeeping procedures as specified in 40 CFR 63.11094(c).
j. A log book shall be used and shall be signed by the permittee at the completion of each monthly leak inspection required by **4. Specific Monitoring Requirements c**. A section of the log book shall contain a list, summary description, or diagram(s) showing the location of all equipment in gasoline service at the facility. For facilities electing to implement an instrument program under 40 CFR 63.11089, the record shall contain a full description of the program [40 CFR 63.11089(b) and 40 CFR 63.11094(d)].
k. The following information should be recorded in the log book for a detected leak: [40 CFR 63.11094(d)(1) – (7)]
   i. The equipment type and identification number.
   ii. The nature of the leak (i.e., vapor or liquid) and the method of detection (i.e., sight, sound, or smell).
   iii. The date the leak was detected and the date of each attempt to repair the leak.
   iv. Repair methods applied in each attempt to repair the leak.
   v. "Repair delayed" and the reason for the delay if the leak is not repaired within 15 calendar days after discovery of the leak.
   vi. The expected date of successful repair of the leak if the leak is not repaired within 15 days.
   vii. The date of successful repair of the leak.
l. Keep an up-to-date, readily accessible record of the continuous monitoring data required under 40 CFR 63.11092(b) or 40 CFR 63.11092(e). This record shall indicate the time intervals during which loadings of gasoline cargo tanks have occurred or, alternatively, shall record the operating parameter data only during such loadings. The date and time of day shall also be indicated at reasonable intervals on this record [40 CFR 63.11094(f)(1)].
m. Record and report simultaneously with the Notification of Compliance Status required under 40 CFR 63.11093(b) [40 CFR 63.11094(f)(2)]:

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

i. All data and calculations, engineering assessments, and manufacturer's recommendations used in determining the operating parameter value under 40 CFR 63.11092(b) or (f). [40 CFR 63.11094(f)(2)(i)]
ii. Keep an up-to-date, readily accessible copy of the monitoring and inspection plan required under 40 CFR 63.11092(b)(1)(i)(B)(*2*) or (b)(1)(iii)(B)(*2*). [40 CFR 63.11094(f)(3)]
iii. Keep an up-to-date, readily accessible record, as specified in 40 CFR 63.11092(b)(1)(i)(B)(*2*)(*v*) or (b)(1)(iii)(B)(*2*)(*v*). [40 CFR 63.11094(f)(4)]

n. Each permittee of a bulk gasoline terminal subject to the loading rack provisions of item 1(c) of table 2 to 40 CFR 63, Subpart BBBBBB shall keep records specified in 40 CFR 63.11094(g)(1) through (3), as applicable, for at least 5 years unless otherwise specified. [40 CFR 63.11094(g)]
o. Refer to **Section D.3** and **Section F.2** for further requirements.

6. Specific Reporting Requirements:

a. Refer to **Sections F.5** and **F.9**.
b. Reporting requirements for performance tests. Prior to November 4, 2024, each permittee of an affected source under 40 CFR 63, Subpart BBBBBB shall submit performance test reports to the Administrator according to the requirements in 40 CFR 63.13. Beginning on November 4, 2024, within 60 days after the date of completing each performance test required by 40 CFR 63, Subpart BBBBBB, the permittee must submit the results of the performance test following the procedures specified in 40 CFR 63.9(k). As required by 40 CFR 63.7(g)(2)(iv), the permittee must include the value for the combustion zone temperature operating parameter limit set based on the permittee's performance test in the performance test report. If the monitoring alternative in 40 CFR 63.11092(h) is used, indicate that this monitoring alternative is being used, identify each loading rack that loads gasoline cargo tanks at the bulk gasoline terminal subject to the provisions of 40 CFR 63, Subpart BBBBBB, and report the highest instantaneous pressure monitored during the performance test or performance evaluation for each identified loading rack. Data collected using test methods supported by the EPA's Electronic Reporting Tool (ERT) as listed on the EPA's ERT website (https://www.epa.gov/electronic-reporting-air-emissions/electronic-reporting-tool-ert) at the time of the test must be submitted in a file format generated using the EPA's ERT. Alternatively, the permittee may submit an electronic file consistent with the extensible markup language (XML) schema listed on the EPA's ERT website. Data collected using test methods that are not supported by the EPA's ERT as listed on the EPA's ERT website at the time of the test must be included as an attachment in the ERT or an alternate electronic file. [40 CFR 63.11095 (a)]
c. Reporting requirements for performance evaluations. Prior to November 4, 2024, each permittee of an affected source under 40 CFR 63, Subpart BBBBBB shall submit performance evaluations to the Administrator according to the requirements in 40 CFR 63.13. Beginning on November 4, 2024, within 60 days after the date of completing each CEMS performance evaluation, the permittee must submit the results of the performance evaluation following the procedures specified in 40 CFR 63.9(k). If the monitoring alternative in 40 CFR 63.11092(h) is used, indicate that this monitoring alternative is

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

being used, identify each loading rack that loads gasoline cargo tanks at the bulk gasoline terminal subject to the provisions of 40 CFR 63, Subpart BBBBBB, and report the highest instantaneous pressure monitored during the performance test or performance evaluation for each identified loading rack. The results of performance evaluations of CEMS measuring relative accuracy test audit (RATA) pollutants that are supported by the EPA's ERT as listed on the EPA's ERT website at the time of the evaluation must be submitted in a file format generated using the EPA's ERT. Alternatively, the permittee may submit an electronic file consistent with the XML schema listed on the EPA's ERT website. The results of performance evaluations of CEMS measuring RATA pollutants that are not supported by the EPA's ERT as listed on the EPA's ERT website at the time of the evaluation must be included as an attachment in the ERT or an alternate electronic file. [40 CFR 63.11095 (b)]

d. Reporting requirements prior to May 8, 2027. Prior to May 8, 2027, each permittee of a source subject to the requirements of 40 CFR 63, Subpart BBBBBB shall submit reports as specified in 40 CFR 63.11095(c)(1) through (3), as applicable. [40 CFR 63.11095 (c)]

i. Each permittee of a bulk terminal or a pipeline breakout station subject to the control requirements of 40 CFR 63, Subpart BBBBBB shall include in a semiannual compliance report to the Administrator the following information, as applicable:

(A) For loading racks, each loading of a gasoline cargo tank for which vapor tightness documentation had not been previously obtained by the facility.

(B) For equipment leak inspections, the number of equipment leaks not repaired within 15 days after detection.

ii. Each permittee of an affected source subject to the control requirements of 40 CFR 63, Subpart BBBBBB shall submit an excess emissions report to the Administrator at the time the semiannual compliance report is submitted. Excess emissions events under 40 CFR 63, Subpart BBBBBB, and the information to be included in the excess emissions report, are specified in 40 CFR 63.11095(c)(2)(i) through (v).

(A) Each exceedance or failure to maintain, as appropriate, the monitored operating parameter value determined under 40 CFR 63.11092(b). The report shall include the monitoring data for the days on which exceedances or failures to maintain have occurred, and a description and timing of the steps taken to repair or perform maintenance on the vapor collection and processing systems or the CMS

(B) Each instance of a non-vapor-tight gasoline cargo tank loading at the facility in which the permittee failed to take steps to assure that such cargo tank would not be reloaded at the facility before vapor tightness documentation for that cargo tank was obtained.

(C) Each reloading of a non-vapor-tight gasoline cargo tank at the facility before vapor tightness documentation for that cargo tank is obtained by the facility in accordance with 40 CFR 63.11094(b).

(D) For each occurrence of an equipment leak for which no repair attempt was made within 5 days or for which repair was not completed within 15 days after detection:

1. The date on which the leak was detected;
2. The date of each attempt to repair the leak;

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

3. The reasons for the delay of repair; and
4. The date of successful repair.

iii. Each permittee of a bulk gasoline plant or a pipeline pumping station shall submit a semiannual excess emissions report, including the information specified in 40 CFR 63.11095(c)(1)(iii) and (c)(2)(v), only for a 6-month period during which an excess emission event has occurred. If no excess emission events have occurred during the previous 6-month period, no report is required.

e. Reporting requirements for semiannual reports on or after May 8, 2027. On or after May 8, 2027, the permittee must submit to the Administrator semiannual reports with the applicable information in 40 CFR 63.11095(d)(1) through (9) following the procedure specified in 40 CFR 63.11095(e). [40 CFR 63.11095(d)]

i. Report the following general facility information:

(A) Facility name.
(B) Facility physical address, including city, county, and State.
(C) Latitude and longitude of facility's physical location. Coordinates must be in decimal degrees with at least five decimal places.
(D) The following information for the contact person:
1. Name.
2. Mailing address.
3. Telephone number.
4. Email address.
(E) The type of facility (bulk gasoline plant with an annual average gasoline throughput less than 4,000 gallons per day; bulk gasoline plant with an annual average gasoline throughput of 4,000 gallons per day or more; bulk gasoline terminal with a gasoline throughput (total of all racks) less than 250,000 gallons per day; bulk gasoline terminal with a gasoline throughput (total of all racks) of 250,000 gallons per day or more; pipeline breakout station; or pipeline pumping station).
(F) Date of report and beginning and ending dates of the reporting period. You are no longer required to provide the date of report when the report is submitted via CEDRI.
(G) Statement by a responsible official, with that official's name, title, and signature, certifying the truth, accuracy, and completeness of the content of the report. If your report is submitted via CEDRI, the certifier's electronic signature during the submission process replaces the requirement in this 40 CFR 63.11095(d)(1)(vii).

7. Specific Control Equipment Operating Conditions:

a. Pursuant to 40 CFR 64.4(a)(1) and the CAM plan filed on August 23, 2004, the permittee shall provide reasonable assurance of compliance with the VOC emission limitations or standards for gasoline truck loading operations utilizing a vapor combustion unit control system as follows:

i. The permittee shall install and maintain a thermocouple or any other equivalent device, including an ultraviolet flame detector (UFD), to detect and continuously monitor for the presence of a pilot flame.

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

ii. The permittee shall monitor the vapor combustion unit (VCU) as follows:

(A) Monitor the UFD controller logic signal at all times of gasoline loading to ensure that the VCU is in operation and a flame is present and record all excursions when the UFD signal is not detected during loading and the response steps taken to repair and correct the system.

(B) Monitor and record the hydrocarbon vapor pressure in the line to the VCU using the magnehelic gauge, weekly during normal working operational hours when gasoline loading is occurring and record all instances of pressure relief valve opening and collection system bypass, or automatically shut down the loading operation in the event of a malfunction.

(C) Monitor and record the temperature in the combustion zone weekly during normal working operational hours when gasoline loading is occurring, or automatically shut down the loading operation in the event of a malfunction.

(D) Perform a weekly inspection of the VCU for flame presence and flame appearance during normal working operational hours when gasoline loading is occurring, or automatically shut down the loading operation in the event of a malfunction.

(E) Perform a qualitative visual observation of the opacity emissions from the VCU stack on a weekly basis during gasoline loading and flame presence. The VCU shall have no visible emissions except for periods not to exceed a total of 5 minutes during any 2 consecutive hours. If visible emissions are seen, exceeding 5 minutes during any 2 consecutive hour period, then an inspection of the control system shall be initiated by facility personnel and if necessary, corrective actions implemented.

(F) See **Operating Limitations**, above.

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

Petroleum Products Storage Facilities:

Paducah Facility:

16(T-101)	Internal Floating Roof Gasoline or lower vapor pressure product storage tank 1,292,649 gallons capacity (4,899 m^3)	Installed 1958
17(T-102)	Internal Floating Roof Gasoline or lower vapor pressure product storage tank 659,400 gallons capacity (2496 m^3)	Installed 1958
18(T-103)	Internal Floating Roof Gasoline or lower vapor pressure product storage tank 1,352,400 gallons capacity (5120 m^3)	Installed 1958
19(T-104)	Internal Floating Roof Gasoline or lower vapor pressure product storage tank 1,222,200 gallons capacity (4627 m^3)	Installed 1958

Riverway Facility:

03(T-2)	Internal Floating Roof Gasoline or lower vapor pressure vapor product storage tank 588,000 gallons capacity (2226 m^3)	Installed 1939
10(T-3)	Internal Floating Roof Gasoline or lower vapor pressure product storage tank 588,000 gallons capacity (2226 m^3)	Installed 1939
11(T-4)	Internal Floating Roof Gasoline / Ethanol or lower vapor pressure product storage tank 252,000 gallons capacity (99.94 m^3)	Installed 1939
12(T-5)	Internal Floating Roof Gasoline or lower vapor pressure product storage tank 210,000 gallons capacity (799.9 m^3)	Installed 1939
09(T-6)	External (with dome) Floating or lower vapor pressure product storage tank 1,260,000 gallons capacity (4770 m^3)	Installed 1954
14(T-7)	Internal Floating Roof Gasoline or lower vapor pressure product storage tank 210,000 gallon capacity (799.9 m^3)	Installed 1939
08(T-8)	Internal Floating Roof Gasoline or lower vapor pressure product storage tank 210,000 gallon capacity (799.9 m^3)	Installed 1939
13(T-9)	Internal Floating Roof Gasoline or lower vapor pressure product storage tank 210,000 gallon capacity (799.9 m^3)	Installed 1939

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

APPLICABLE REGULATIONS:
401 KAR 50:012, General Application.

401 KAR 63:002, Section 2(4)(ccccc), 40 C.F.R. 63.11080 through 63.11100, Tables 1 through 3 (Subpart BBBBBB), National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities.

NON-APPLICABLE REGULATIONS:
401 KAR 59:050, New storage vessels for petroleum liquids.

1. **Operating Limitations:**
   a. The permittee shall comply with the requirements of 401 KAR 61:050, Section 5 as follows: [401 KAR 50:012]
      i. There shall be no visible holes, tears, or other openings in the seal or any seal fabric.
      ii. All openings, except stub drains, shall be equipped with covers, lids, or seal so that:
         (A) The cover, lid, or seal is in the closed position at all times except during actual use;
         (B) Automatic bleeder vents are closed at all times, unless the roof is floated off or landed on the roof leg supports; and
         (C) Rim vents, if provided, are set to open if the roof is being floated off the roof leg supports or at the manufacturer's recommended setting.
      iii. External floating roof tanks shall meet the additional requirements:
         (A) The seals shall be intact and uniformly in place around the circumference of the floating roof between the floating roof and the tank wall.
         (B) The gap area of gaps exceeding 0.32 cm (one-eight (1/8) in) in width between the secondary seal installed pursuant to 401 KAR 61:050, Section 3(4)(a), and the tank wall shall not exceed 6.5 sq. cm./0.3 m of tank diameter (1.0 sq. in/ft).
         (C) All openings in the external floating roof, except for automatic bleeder vents, rim space vents, and leg sleeves shall provide a projection below the liquid surface.
         (D) Any emergency roof drain shall be provided with a slotted membrane fabric cover or equivalent that covers at least ninety (90) percent of the area of the opening.
      iv. If the storage vessel has storage capacity greater than 151,400 liters (40,000 gallons), and if the true vapor pressure of the petroleum liquid, as stored, is equal to or greater than seventy-eight (78) mm Hg (1.5 psia) but not greater than 574 mm Hg (11.1 psia) the storage vessel shall be equipped with a floating roof, a vapor recovery system, or their equivalents.
      v. If the storage vessel has storage capacity greater than 151,400 liters (40,000 gallons), and if the true vapor pressure of the petroleum liquid, as stored, is greater than 574 mm Hg (11.1 psia) the storage vessel shall be equipped with a vapor recovery system, or their equivalents.

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

vi. If the storage vessel has a storage capacity greater than 2,199.9 (580 gallons), and if the true vapor pressure of the petroleum liquid, as stored, is equal to or greater than 10.3 kilopascal (1.5 psia), as a minimum it shall be equipped with a permanent submerged fill pipe.

vii. If the storage vessel is an external floating roof tank with a storage capacity greater than 151,000 liters (40,000 gallons), it shall be retrofitted with a continuous secondary seal extending from the floating roof to the tank wall (a rim-mounted secondary seal) if:

(A) The tank is a welded tank, the true vapor pressure of the contained liquid is 27.6 kilopascal (4.0 psia) or greater, and the primary seal is one of the following:

(1) A metallic-type shoe seal, a liquid-mounted foam seal, or a liquid-mounted liquid -filled type seal; or

(2) Any other closure device which can be demonstrated equivalent to the above primary seals.

(B) The tank is riveted tank and the true vapor pressure of the contained liquid is 10.3 kilopascal (1.5 psia) or greater.

(C) The tank is a welded tank, the true vapor pressure of the contained liquid is 10.3 kilopascal (1.5 psia) or greater, and the primary seal is vapor-mounted. If this primary seal closure device can be demonstrated equivalent to the primary seals described in 1.g.(1) above, then the secondary seal is required if the vapor pressure is 27.6 kilopascal (4.0 psia) or greater.

viii. For the gasoline storage tanks with a capacity greater than 75 m^3 (19,810 gallons) and not meeting any of the criteria specified in item 1 of Table 1 of Subpart BBBBBB, the permittee shall equip each internal floating roof gasoline storage tank according to the requirements in 40 CFR 60.112b (a)(1), except for the secondary seal requirements under 40 CFR 60.112b (a)(1)(ii)(B) and the requirements in 40 CFR 60.112b (a)(1)(iv) through (ix) [40 CFR 63.11087(a), Table 1 of Subpart BBBBBB, Item 2(b)].

ix. For the gasoline storage tanks with a capacity greater than 75 m^3 (19,810 gallons) and not meeting any of the criteria specified in item 1 of Table 1 of Subpart BBBBBB, no later than the dates specified in 40 CFR 63.11083, equip, maintain, and operate each internal floating roof control system to maintain the vapor concentration within the storage tank above the floating roof at or below 25 percent of the LEL on a 5-minute rolling average basis without the use of purge gas, which may require additional controls beyond those specified in item 2(b) of 40 CFR 63.11087(a), Table 1 Subpart BBBBBB; [40 CFR 63.11087(a), Table 1 of Subpart BBBBBB, Item 2(c)].

x. For the gasoline storage tanks with a capacity greater than 75 m^3 (19,810 gallons) and not meeting any of the criteria specified in item 1 of Table 1 of Subpart BBBBBB, equip each external floating roof gasoline storage tank according to the requirements in 40 CFR 60.112b(a)(2), except that the requirements of 40 CFR 60.112b(a)(2)(ii) of this chapter shall only be required if such storage tank does not currently meet the requirements of 40 CFR 60.112b(a)(2)(i); by the dates specified in 40 CFR 63.11083, all external floating roofs must meet the requirements of 40

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

CFR 60.112b(a)(2)(ii) of this chapter [40 CFR 63.11087(a), Table 1 of Subpart BBBBBB, Item 2(d)]

xi. For the gasoline storage tanks with a capacity greater than 75 m^3 (19,810 gallons) and not meeting any of the criteria specified in item 1 of Table 1 of Subpart BBBBBB, equip and operate each internal and external floating roof gasoline storage tank according to the applicable requirements in 40 CFR 63.1063(a)(1) and (b), except for the secondary seal requirements under 40 CFR 63.1063(a)(1)(i)(C) and (D), and equip each external floating roof gasoline storage tank according to the requirements of 40 CFR 63.1063(a)(2) by the dates specified in 40 CFR 63.11087(b) if such storage tank does not currently meet the requirements of 40 CFR 63.1063(a)(1); by the dates specified in 40 CFR 63.11083, all external floating roofs must meet the requirements of 40 CFR 63.1063(a)(2) [40 CFR 63.11087(a), Table 1 of Subpart BBBBBB, Item 2(e)]

xii. For the gasoline storage tanks with a capacity greater than 75 m3 (19,810 gallons) and not meeting any of the criteria specified in item 1 of Table 1 of Subpart BBBBBB, no later than the dates specified in 40 CFR 63.11083, equip, maintain, and operate each internal floating roof control system to maintain the vapor concentration within the storage tank above the floating roof at or below 25 percent of the LEL on a 5-minute rolling average basis without the use of purge gas, which may require additional controls beyond those specified in item 2(e) of Table 1 of Subpart BBBBBB. [40 CFR 63.11087(a), Table 1 of Subpart BBBBBB, Item 2(f)]

Compliance Demonstration Method:
Refer to **3. Testing Requirements**, **4. Specific Monitoring Requirements**, **5. Specific Recordkeeping Requirements**, and **6. Specific Reporting Requirements**.

2. Emission Limitations:
Refer to Section **D.3, Source Emission Limitations** for HAP emission limitations.

Compliance Demonstration Method:
Refer to **Section D.3, Source Emission Limitations, Compliance Demonstration Method**.

3. Testing Requirements:

a. Each permittee subject to the emission standard in 40 CFR 63.11087 for gasoline storage tanks shall comply with the requirements in 40 CFR 63.11092(f)(1) through (3). [40 CFR 63.11092(f)]

i. If the permittee's gasoline storage tank is equipped with an internal floating roof,

(A) The permittee must perform inspections of the floating roof system according to the requirements of 40 CFR 60.113b(a) if the permittee is complying with option 2(b) in table 1 to 40 CFR 63, Subpart BBBBBB, or according to the requirements of 40 CFR 63.1063(c)(1) if the permittee is complying with option 2(e) in table 1 to 40 CFR 63, Subpart BBBBBB.

(B) No later than the dates specified in 40 CFR 63.11083, the permittee must conduct LEL monitoring according to the provisions in 40 CFR 63.425(j). A deviation of the LEL level is considered an inspection failure under 40 CFR

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

60.113b(a)(2) or 40 CFR 63.1063(d)(2) and must be remedied as such. Any repairs must be confirmed effective through re-monitoring of the LEL and meeting the levels in options 2(c) and 2(f) in table 1 to 40 CFR 63, Subpart BBBBBB within the timeframes specified in 40 CFR 60.113b(a)(2) or 40 CFR 63.1063(e), as applicable.

ii. If the permittee's gasoline storage tank is equipped with an external floating roof, the permittee must perform inspections of the floating roof system according to the requirements of 40 CFR 60.113b(b) if the permittee is complying with option 2(d) in table 1 to 40 CFR 63, Subpart BBBBBB, or according to the requirements of 40 CFR 63.1063(c)(2) if the permittee is complying with option 2(e) in table 1 to 40 CFR 63, Subpart BBBBBB.

4. Specific Monitoring Requirements:

Emission Point 09 (T-6)

a. These external floating roof tanks shall comply with the requirements of 401 KAR 61:050, Section 5 as follows:
   i. If a liquid having a true vapor pressure greater than 7.0 kPa (1.0 psia) is stored in an external floating roof tank with a capacity of greater than 151,400 liter (40,000 gallons) not equipped with a secondary seal or approved alternative control technology, the permittee shall maintain a record of the average monthly storage temperature, the type of liquid, and the Reid vapor pressure of the liquid. The permittee shall retain the records for five (5) years after the date on which the record was made.
   ii. The true vapor pressure shall be determined by using the average monthly storage temperature and typical Reid vapor pressure of the contained liquid or from typical available data on the contained liquid. Supporting analytical data shall be requested by the Division if there is a question on the values reported.
   iii. Refer to **Sections F.5** and **F.10**.
b. After installing the control equipment required to meet 40 CFR 60.112b(a)(1) (permanently affixed roof and internal floating roof), each permittee shall do the following [40 CFR 60.113b(a)]:
   i. Visually inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service), prior to filling the storage vessel with volatile organic liquid (VOL). If there are holes, tears, or other openings in the primary seal, the secondary seal, or the seal fabric or defects in the internal floating roof, or both, the permittee shall repair the items before filling the storage vessel.
   ii. For vessels equipped with a liquid-mounted or mechanical shoe primary seal, visually inspect the internal floating roof and the primary seal or the secondary seal (if one is in service) through manholes and roof hatches on the fixed roof at least once every 12 months after initial fill. If the internal floating roof is not resting on the surface of the VOL inside the storage vessel, or there is liquid accumulated on the roof, or the seal is detached, or there are holes or tears in the seal fabric, the permittee shall repair the items or empty and remove the storage vessel from service within 45 days. If a failure that is detected during inspections required in this paragraph cannot be repaired within 45 days and if the vessel cannot be emptied

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within 45 days, a 30-day extension may be requested from the Administrator in the inspection report required in 40 CFR 60.115b(a)(3). Such a request for an extension must document that alternate storage capacity is unavailable and specify a schedule of actions the company will take that will assure that the control equipment will be repaired or the vessel will be emptied as soon as possible.

iii. For vessels equipped with a double-seal system as specified in 40 CFR 60.112b (a)(1)(ii)(B):
   (A) Visually inspect the vessel as specified in 40 CFR 60.113b(a)(4) (**4. Specific Monitoring Requirements b.iv.**) at least every 5 years; or
   (B) Visually inspect the vessel as specified in 40 CFR 60.113b(a)(2) (**4. Specific Monitoring Requirements b.ii.**).

iv. Visually inspect the internal floating roof, the primary seal, the secondary seal (if one is in service), gaskets, slotted membranes and sleeve seals (if any) each time the storage vessel is emptied and degassed. If the internal floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal or the seal fabric, or the gaskets no longer close off the liquid surfaces from the atmosphere, or the slotted membrane has more than 10 percent open area, the permittee shall repair the items as necessary so that none of the conditions specified in this paragraph exist before refilling the storage vessel with VOL. In no event shall inspections conducted in accordance with this provision occur at intervals greater than 10 years in the case of vessels conducting the annual visual inspection as specified in 40 CFR 60.113b(a)(2) and (a)(3)(ii) (**4. Specific Monitoring Requirements b.ii.** and **b.iii.(B)**) and at intervals no greater than 5 years in the case of vessels specified in 40 CFR 60.113b(a)(3)(i) (**4. Specific Monitoring Requirements b.iii.(A)**).

v. Notify the Administrator in writing at least 30 days prior to the filling or refilling of each storage vessel for which an inspection is required by 40 CFR 60.113b(a)(1) and (a)(4) (**4. Specific Monitoring Requirements b.i.** and **b.iv.**) to afford the Administrator the opportunity to have an observer present. If the inspection required by 40 CFR 60.113b(a)(4) (**4. Specific Monitoring Requirements b.iv.**) is not planned and the permittee could not have known about the inspection 30 days in advance of refilling the tank, the permittee shall notify the Administrator at least 7 days prior to the refilling of the storage vessel. Notification shall be made by telephone immediately followed by written documentation demonstrating why the inspection was unplanned. Alternatively, this notification including the written documentation may be made in writing and sent by express mail so that it is received by the Administrator at least 7 days prior to the refilling.

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

5. Specific Recordkeeping Requirements:

a. For each tank the permittee shall maintain a record of the VOL stored, the period of storage, and the maximum true vapor pressure of that VOL during the respective storage period. Such records shall be provided to the Division upon request [40 CFR 60.116b(c) and 401 KAR 52:020 Section 10].

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

b. The permittee shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. These records shall be maintained for the life of the vessel. [40 CFR 60.116b(a) and (b)]
c. The permittee shall keep a record of each inspection performed as required by 40 CFR 60.113b(a)(1), (a)(2), (a)(3), and (a)(4). Each record shall identify the storage vessel on which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the control equipment (seals, internal floating roof, and fittings). [40 CFR 60.115b(a)(2)]
d. See **Section D.3** and **Section F.2** for further requirements.
e. Each permittee of a bulk gasoline terminal or pipeline breakout station whose storage vessels are subject to the provisions of 40 CFR 63, Subpart BBBBBB shall keep records as specified in 40 CFR 60.115b if complying with options 2(a), 2(b), or 2(c) in Table 1 to Subpart BBBBBB, except records shall be kept for at least 5 years. If the permittee is complying with the requirements of option 2(e) in table 1 to 40 CFR 63, Subpart BBBBBB, they shall keep records as specified in 40 CFR 63.1065. [40 CFR 63.11094(a)(1)].
f. If the permittee is complying with options 2(c) or 2(f) in table 1 to 40 CFR 63, Subpart BBBBBB, keep records of each LEL monitoring event as specified in 40 CFR 63.11092(a)(2)(i) through (ix) for at least 5 years. [40 CFR 63.11094(a)(2)]
    i. Date and time of the LEL monitoring, and the storage vessel being monitored.
    ii. A description of the monitoring event (e.g., monitoring conducted concurrent with visual inspection required under 40 CFR 60.113b(a)(2) of 40 CFR Chapter I or 40 CFR 63.1063(d)(2); monitoring that occurred on a date other than the visual inspection required under 40 CFR 60.113b(a)(2) or 40 CFR 63.1063(d)(2); re-monitoring due to high winds; re-monitoring after repair attempt).
    iii. Wind speed at the top of the storage vessel on the date of LEL monitoring.
    iv. The LEL meter manufacturer and model number used, as well as an indication of whether tubing was used during the LEL monitoring, and if so, the type and length of tubing used.
    v. Calibration checks conducted before and after making the measurements, including both the span check and instrumental offset. This includes the hydrocarbon used as the calibration gas, the Certificate of Analysis for the calibration gas(es), the results of the calibration check, and any corrective action for calibration checks that do not meet the required response.
    vi. Location of the measurements and the location of the floating roof.
    vii. Each measurement (taken at least once every 15 seconds). The records should indicate whether the recorded values were automatically corrected using the meter's programming. If the values were not automatically corrected, record both the raw (as the calibration gas) and corrected measurements, as well as the correction factor used.
    viii. Each 5-minute rolling average reading.
    ix. If the vapor concentration of the storage vessel was above 25 percent of the LEL on a 5-minue rolling average basis, a description of whether the floating roof was repaired, replaced, or taken out of gasoline service.

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

g. Each permittee of a bulk gasoline terminal subject to the provisions in items 1(e), 1(f), or 2(c) in table 2 to 40 CFR 63, Subpart BBBBBB or bulk gasoline plant subject to the requirements in 40 CFR 63.11086(a)(6) shall maintain records of each instance in which liquid product was loaded into a gasoline cargo tank for which vapor tightness documentation required under 40 CFR 60.502(e)(1) or 40 CFR 60.502a(e)(1) of 40 CFR Chapter 1, as applicable, was not provided or available in the terminal's or plant's records for at least 5 years. These records shall include, at a minimum: [40 CFR 63.11094 (h)]
   i. Cargo tank owner and address.
   ii. Cargo tank identification number.
   iii. Date and time liquid product was loaded into a gasoline cargo tank without proper documentation.
   iv. Date proper documentation was received or statement that proper documentation was never received.

h. Each permittee of a bulk gasoline terminal or bulk gasoline plant subject to the provisions of 40 CFR 63, Subpart BBBBBB shall maintain records for at least 5 years of each instance when liquid product was loaded into gasoline cargo tanks not using submerged filling, or, if applicable, not equipped with vapor collection or balancing equipment that is compatible with the terminal's vapor collection system or plant's vapor balancing system. These records shall include, at a minimum: [40 CFR 63.11094 (i)]
   i. Date and time of liquid product loading into gasoline cargo tank not using submerged filling, improperly equipped, or improperly connected.
   ii. Type of deviation (e.g., not submerged filling, incompatible equipment, not properly connected).
   iii. Cargo tank identification number.

i. Each permittee of a bulk gasoline plant subject to the requirements in 40 CFR 63.11086(a)(6) shall maintain records for at least 5 years of instances when gasoline was loaded between gasoline cargo tanks and storage tanks and the plant's vapor balancing system was not properly connected between the gasoline cargo tank and storage tank. These records shall include, at a minimum: [40 CFR 63.11094 (j)]
   i. Date and time of gasoline loading between a gasoline cargo tank and a storage tank that was not properly connected.
   ii. Date and time of gasoline loading between a gasoline cargo tank and a storage tank that was not properly connected.

j. Each permittee of a bulk gasoline terminal or bulk gasoline plant subject to the provisions of 40 CFR 63, Subpart BBBBBB shall maintain records of the average gasoline throughput (in gallons per day) for at least 5 years. [40 CFR 63.11094 (l)]

k. Keep records of each performance test or performance evaluation conducted and each notification and report submitted to the Administrator for at least 5 years. For each performance test, include an indication of whether liquid product loading is assumed to be loaded into a gasoline cargo tank or periods when liquid product is loaded but no gasoline cargo tanks are being loaded are excluded in the determination of the combustion zone temperature operating limit according to the provision in 40 CFR 60.503a(c)(8)(ii) of 40 CFR Chapter I. If complying with the alternative in 40 CFR 63.11092(h), for each performance test or performance evaluation conducted, include the

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

pressure every 5 minutes while a gasoline cargo tank is being loaded and the highest instantaneous pressure that occurs during each loading. [40 CFR 63.11094 (m)]

l. Keep records of each performance test or performance evaluation conducted and each notification and report submitted to the Administrator for at least 5 years. For each performance test, include an indication of whether liquid product loading is assumed to be loaded into a gasoline cargo tank or periods when liquid product is loaded but no gasoline cargo tanks are being loaded are excluded in the determination of the combustion zone temperature operating limit according to the provision in 40 CFR 60.503a(c)(8)(ii) of 40 CFR Chapter I. If complying with the alternative in 40 CFR 63.11092(h), for each performance test or performance evaluation conducted, include the pressure every 5 minutes while a gasoline cargo tank is being loaded and the highest instantaneous pressure that occurs during each loading. [40 CFR 63.11094 (n)]

m. Any records required to be maintained by 40 CFR 63, Subpart BBBBBB that are submitted electronically via the EPA's Compliance and Emissions Reporting Interface (CEDRI) may be maintained in electronic format. This ability to maintain electronic copies does not affect the requirement for facilities to make records, data, and reports available upon request to a delegated authority or the EPA as part of an on-site compliance evaluation. [40 CFR 63.11094 (o)]

n. For external floating roof storage tanks, refer to **4. Specific Monitoring Requirements**.

6. Specific Reporting Requirements:

a. Refer to **Sections F.5** and **F.9**.

b. If any of the conditions described in 40 CFR 60.113b(a)(2) are detected during the annual visual inspection required by 40 CFR 60.113b(a)(2), a report shall be furnished to the Division within 30 days of the inspection. Each report shall identify the storage vessel, the nature of the defects, and the date the storage vessel was emptied or the nature of and date the repair was made. [40 CFR 60.115b(a)(3)]

c. After each inspection required by 40 CFR 60.113b(a)(3) that finds holes or tears in the seal or seal fabric, or defects in the internal floating roof, or other control equipment defects listed in 40 CFR 60.113b(a)(3)(iii), a report shall be furnished to the Division within 30 days of the inspection. The report shall identify the storage vessel and the reason it did not meet the specifications of 40 CFR 60.112b(a)(1) or 60.113b(a)(3) and list each repair made. [40 CFR 60.115b(a)(4)]

d. Reporting requirements for performance tests. Prior to November 4, 2024, each permittee of an affected source under 40 CFR 63, Subpart BBBBBB shall submit performance test reports to the Administrator according to the requirements in 40 CFR 63.13. Beginning on November 4, 2024, within 60 days after the date of completing each performance test required by 40 CFR 63, Subpart BBBBBB, the permittee must submit the results of the performance test following the procedures specified in 40 CFR 63.9(k). As required by 40 CFR 63.7(g)(2)(iv), the permittee must include the value for the combustion zone temperature operating parameter limit set based on the permittee's performance test in the performance test report. If the monitoring alternative in 40 CFR 63.11092(h) is used, indicate that this monitoring alternative is being used, identify each loading rack that loads gasoline cargo tanks at the bulk gasoline terminal subject to the provisions of 40 CFR 63, Subpart BBBBBB, and report the highest instantaneous pressure monitored

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

during the performance test or performance evaluation for each identified loading rack. Data collected using test methods supported by the EPA's Electronic Reporting Tool (ERT) as listed on the EPA's ERT website (https://www.epa.gov/electronic-reporting-air-emissions/electronic-reporting-tool-ert) at the time of the test must be submitted in a file format generated using the EPA's ERT. Alternatively, the permittee may submit an electronic file consistent with the extensible markup language (XML) schema listed on the EPA's ERT website. Data collected using test methods that are not supported by the EPA's ERT as listed on the EPA's ERT website at the time of the test must be included as an attachment in the ERT or an alternate electronic file. [40 CFR 63.11095 (a)]

e. Reporting requirements for performance evaluations. Prior to November 4, 2024, each permittee of an affected source under 40 CFR 63, Subpart BBBBBB shall submit performance evaluations to the Administrator according to the requirements in 40 CFR 63.13. Beginning on November 4, 2024, within 60 days after the date of completing each CEMS performance evaluation, the permittee must submit the results of the performance evaluation following the procedures specified in 40 CFR 63.9(k). If the monitoring alternative in 40 CFR 63.11092(h) is used, indicate that this monitoring alternative is being used, identify each loading rack that loads gasoline cargo tanks at the bulk gasoline terminal subject to the provisions of 40 CFR 63, Subpart BBBBBB, and report the highest instantaneous pressure monitored during the performance test or performance evaluation for each identified loading rack. The results of performance evaluations of CEMS measuring relative accuracy test audit (RATA) pollutants that are supported by the EPA's ERT as listed on the EPA's ERT website at the time of the evaluation must be submitted in a file format generated using the EPA's ERT. Alternatively, the permittee may submit an electronic file consistent with the XML schema listed on the EPA's ERT website. The results of performance evaluations of CEMS measuring RATA pollutants that are not supported by the EPA's ERT as listed on the EPA's ERT website at the time of the evaluation must be included as an attachment in the ERT or an alternate electronic file. [40 CFR 63.11095 (b)]

f. Reporting requirements prior to May 8, 2027. Prior to May 8, 2027, each permittee of a source subject to the requirements of 40 CFR 63, Subpart BBBBBB shall submit reports as specified in 40 CFR 63.11095(c)(1) through (3), as applicable. [40 CFR 63.11095(c)]

i. Each permittee of a bulk terminal or a pipeline breakout station subject to the control requirements of 40 CFR 63, Subpart BBBBBB shall include in a semiannual compliance report to the Administrator the following information, as applicable:

(A) For storage vessels, if the permittee is complying with options 2(a), 2(b), or 2(d) in table 1 to 40 CFR 63, Subpart BBBBBB, the information specified in 40 CFR 60.115b(a), (b), or (c) of 40 CFR Chapter I, depending upon the control equipment installed, or, if the permittee is complying with option 2(e) in table 1 to 40 CFR 63, Subpart BBBBBB, the information specified in 40 CFR 63.1066. [40 CFR 63.11095(c)(1)(i)]

(B) For storage vessels complying with 40 CFR 63.11087(b) after January 10, 2011, the storage vessel's Notice of Compliance Status information can be included in the next semi-annual compliance report in lieu of filing a separate Notification of Compliance Status report under 40 CFR 63.11093. [40 CFR 63.11095(c)(1)(iv)]

ii. Each permittee of a bulk gasoline plant or a pipeline pumping station shall submit a

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

semiannual excess emissions report, including the information specified in 40 CFR 63.11095(c)(1)(iii) and (c)(2)(v), only for a 6-month period during which an excess emission event has occurred. If no excess emission events have occurred during the previous 6-month period, no report is required. [40 CFR 63.11095(c)(3)]

g. Requirements for semiannual report submissions. Each permittee of an affected source under 40 CFR 63, Subpart BBBBBB shall submit semiannual compliance reports with the information specified in 40 CFR 63.11095(c) or (d) to the Administrator according to the requirements in 40 CFR 63.13. Beginning on May 8, 2027, or once the report template for 40 CFR 63, Subpart BBBBBB has been available on the CEDRI website (https://www.epa.gov/electronic-reporting-air-emissions/cedri) for one year, whichever date is later, the permittee must submit all subsequent semiannual compliance reports using the appropriate electronic report template on the CEDRI website for 40 CFR 63, Subpart BBBBBB and following the procedure specified in 40 CFR 63.9(k), except any medium submitted through mail must be sent to the attention of the Gasoline Distribution Sector Lead. The date report templates become available will be listed on the CEDRI website. Unless the Administrator or delegated State agency or other authority has approved a different schedule for submission of reports, the report must be submitted by the deadline specified in 40 CFR 63, Subpart BBBBBB, regardless of the method in which the report is submitted. [40 CFR 63.11095 (e)]

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

05 (RBRG-1) Barge Loading
Construction Date: Approximately 1938
Control Device: None

Material	Maximum throughput
Distillate (Diesel, Resin Former Prime)	(gal/yr)
Oil No. 80, and Jet A/Kerosene)	100,000,000

APPLICABLE REGULATIONS:
401 KAR 63:002, Section 2(4)(q), 40 C.F.R. 63.560 through 63.568 (Subpart Y), National Emission Standards for Marine Tank Vessel Loading Operations.

1. **Operating Limitations:**
   None

2. **Emission Limitations:**
   a. Refer to Section **D.3, Source Emission Limitations** for HAP emission limitations.
   b. No emission limitation exists, however, the permittee shall comply with the emission estimation requirement of 40 CFR 63, Subpart Y. Refer to **5. Specific Recordkeeping Requirements**. [40 CFR Part 63, Subpart Y]

   Compliance Demonstration Method:
   a. Refer to **Section D.3, Source Emission Limitations, Compliance Demonstration Method**.
   b. Refer to **5. Specific Recordkeeping Requirements**.

3. **Testing Requirements:**
   Testing shall be conducted at such times as may be requested by the Cabinet. [401 KAR 50:045, Section 1]

4. **Specific Monitoring Requirements:**
   None

5. **Specific Recordkeeping Requirements:**
   a. The owners or operators of marine tank vessel loading operations specified in 40 CFR 63.560(a)(3) shall retain records of the emissions estimates determined in 40 CFR 63.565(l) and records of their actual throughput by commodity for 5 years. A commodity means a distinct product that a source loads onto marine tank vessels. [40 CFR 63.567(j)(4)]
   b. Emission estimation procedures: For sources with emissions less than 10 or 25 tons and sources with emissions of 10 or 25 tons, the permittee shall calculate an annual estimate of HAP emissions, excluding commodities exempted by 40 CFR 63.560(d), from marine tank vessel loading operations. Emission estimates and emission factors shall be based on test data, or if test data is not available, shall be based on measurement or estimating techniques generally accepted in industry practice for operating conditions at the source.

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

[40 CFR 63.565(l)]

c. When barge loading at the Paducah facility, maintain a log of the date loaded, material, and vapor pressure.
d. Refer to **Sections F.5** and **F.10**.

6. Specific Reporting Requirements:

a. Report the volume of liquid loaded out by barge on a monthly basis. Calculate emissions from the loading operation using the most current guidance provided in AP-42. Records shall be maintained on site for a period of five (5) years after each record is recorded, and the permittee shall provide these records to Division or regional office personnel upon request.
b. Refer to **5. Specific Recordkeeping Requirements a.** and **b**.
c. Refer to **Sections F.5** and **F.10**.

SECTION C - INSIGNIFICANT ACTIVITIES

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

Description	Generally Applicable Regulations
(--) Surface Painting of Tanks (1,000 gal/yr maximum)	401 KAR 61:020
(PBRG-1) Barge Loading, low vapor pressure petroleum products loaded only for Paducah facility	None
(ECV-1) Emergency Containment Vessel for (LR-1)	None
Low VP (less than 1.5 PSIA) petroleum products: (T-105) 725,600 gallons capacity (2747 m^3) (T-106) 357,000 gallons capacity (1351 m^3)	401 KAR 61:050 (exempt by Section 3(3))
Low VP petroleum products: (T-1) 1,218,000 gallons capacity (4611 m^3) (T-10) 630,000 gallons capacity (2385 m^3) (T-11) 630,000 gallons capacity (2385 m^3) (T-12) 1,260,000 gallons capacity (4770m^3)	401 KAR 61:050 (exempt by Section 3(3)) 401 KAR 63:020
Additive Tanks: (42) 3,990 gallons capacity (44) 12,012 gallons capacity (47) 8,274 gallons capacity (48) 410 gallons capacity	None
Petroleum Contact Water (PCW) Storage (T-111) 10,000 gallons capacity	None
Petroleum PCW Storage (T-13) 8,272 gallon capacity	None

SECTION D - SOURCE EMISSION LIMITATIONS AND TESTING REQUIREMENTS

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

2. Volatile organic compounds (VOC) and Hazardous Air Pollutants (HAP) emissions, measured by applicable reference methods, or an equivalent or alternative method specified in 40 C.F.R. Chapter I, or by a test method specified in the state implementation plan shall not exceed the respective limitations specified herein.

3. **Source Emission Limitations:**
   To preclude the applicability requirements of 40 CFR 63, Subpart R, *National Emissions Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations)* by making this facility an area source of HAP emissions as defined in 40 CFR 63.2, the permittee shall not exceed the following limitations on any twelve (12) consecutive month period:
   a. Any single HAP emissions shall not exceed **9** tons per year (tpy).
   b. Combined HAP emissions shall not exceed **22.5** tpy.

   Compliance Demonstration Method:
   a. Calculate annual source-wide emissions from all storage and loading operations for each month of the previous 12-month period (i.e. for the month of January, the compliance demonstration shall be completed in February and shall include all data from February of the previous year to the last day of January). The monthly compliance demonstration shall include, at a minimum, the following:
      i. The monthly and consecutive 12-month throughput of each product at each emission unit specified in the following paragraph ii. below.
      ii. The monthly and consecutive 12-month individual HAP and combined HAP emission rates from the following operations:
         (A) Paducah Terminal Loading Rack, EP 15 (LR-1);
         (B) Riverway Terminal Loading Rack, EP 04 (LR-1);
         (C) Paducah Facility Petroleum Product Storage Tanks, EP 16(T-101), 17(T-102), 18(T-103), 19(T-104) 20(T-105);
         (D) Riverway Facility Petroleum Product Storage Tanks, 03(T-2), 10(T-3), 11(T-4), 12(T-5), 09(T-6), 14(T-7), 08(T-8), 13(T-9)
         (E) Barge Loading, EP 05 (RBRG-1)
         (F) All insignificant activities in **Section C** with HAP emissions

   All emission calculations shall be based on the Compliance Demonstration Methods specified in Section B for the respective emission point, or using standard USEPA methodology (i.e.: the most current TANKS program for tanks, AP-42 emissions factors for material loading, appropriately summing the product of the weight percent of each HAP in the organic material emissions for each organic material emissions attributed to the storage and handling of that liquid, etc.).

SECTION D - SOURCE EMISSION LIMITATIONS AND TESTING REQUIREMENTS (CONTINUED)

4. **Source Recordkeeping Requirements:**
   Actual VOC and HAP emissions from each emission point shall be determined and recorded on a monthly basis in accordance with **3. Source Emission Limitations, Compliance Demonstration Method**. The permittee shall maintain records onsite such that they are readily accessible. These records shall indicate the throughput volume of each type of product per storage tank (gallons per month) and the measured loading rack and barge loading throughput volume (gallons per month) of each type of product and the permittee shall provide these records to Division personnel upon request.

5. **Source Reporting Requirements:**
   Pursuant to 401 KAR 52:020, Section 10, the permittee shall collect a sample of gasoline or other liquid commodity stored at this plant and provide a HAPs content analysis at the request of Division personnel. The results shall be reported in terms of weight percent of each HAP as defined by Regulation 401 KAR 63:060. The permittee shall complete the analysis and report the results to the Division's central office in Frankfort within 30 days of a written request to collect and analyze the sample.

SECTION E - SOURCE CONTROL EQUIPMENT REQUIREMENTS

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

SECTION F - MONITORING, RECORDKEEPING, AND REPORTING REQUIREMENTS

1. Pursuant to Section 1b-IV-1 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26, when continuing compliance is demonstrated by periodic testing or instrumental monitoring, the permittee shall compile records of required monitoring information that include:
   a. Date, place as defined in this permit, and time of sampling or measurements;
   b. Analyses performance dates;
   c. Company or entity that performed analyses;
   d. Analytical techniques or methods used;
   e. Analyses results; and
   f. Operating conditions during time of sampling or measurement.

2. Records of all required monitoring data and support information, including calibrations, maintenance records, and original strip chart recordings, and copies of all reports required by the Division for Air Quality, shall be retained by the permittee for a period of five (5) years and shall be made available for inspection upon request by any duly authorized representative of the Division for Air Quality [Sections 1b-IV-2 and 1a-8 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26].

3. In accordance with the requirements of 401 KAR 52:020, Section 3(1)h, the permittee shall allow authorized representatives of the Cabinet to perform the following during reasonable times:
   a. Enter upon the premises to inspect any facility, equipment (including air pollution control equipment), practice, or operation;
   b. To access and copy any records required by the permit:
   c. Sample or monitor, at reasonable times, substances or parameters to assure compliance with the permit or any applicable requirements.

   Reasonable times are defined as during all hours of operation, during normal office hours; or during an emergency.

4. No person shall obstruct, hamper, or interfere with any Cabinet employee or authorized representative while in the process of carrying out official duties. Refusal of entry or access may constitute grounds for permit revocation and assessment of civil penalties.

5. Summary reports of any monitoring required by this permit shall be submitted to the Regional Office listed on the front of this permit at least every six (6) months during the life of this permit, unless otherwise stated in this permit. For emission units that were still under construction or which had not commenced operation at the end of the 6-month period covered by the report and are subject to monitoring requirements in this permit, the report shall indicate that no monitoring was performed during the previous six months because the emission unit was not in operation [Sections 1b-V-1 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26].

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

6. The semi-annual reports are due by January 30th and July 30th of each year. All reports shall be certified by a responsible official pursuant to 401 KAR 52:020, Section 23. If continuous emission and opacity monitors are required by regulation or this permit, data shall be reported in accordance with the requirements of 401 KAR 59:005, General Provisions, Section 3(3). All deviations from permit requirements shall be clearly identified in the reports.

7. In accordance with the provisions of 401 KAR 50:055, Section 1, the owner or operator shall notify the Regional Office listed on the front of this permit concerning startups, shutdowns, or malfunctions as follows:
   a. When emissions during any planned shutdowns and ensuing startups will exceed the standards, notification shall be made no later than three (3) days before the planned shutdown, or immediately following the decision to shut down, if the shutdown is due to events which could not have been foreseen three (3) days before the shutdown.
   b. When emissions due to malfunctions, unplanned shutdowns and ensuing startups are or may be in excess of the standards, notification shall be made as promptly as possible by telephone (or other electronic media) and shall be submitted in writing upon request.

8. The permittee shall promptly report deviations from permit requirements, including those attributable to upset conditions as defined in the permit, the probable cause of such deviations, and any corrective actions or preventive measures taken shall be submitted to the Regional Office listed on the front of this permit. Where the underlying applicable requirement contains a definition of prompt or otherwise specifies a time frame for reporting deviations, that definition or time frame shall govern. Where the underlying applicable requirement does not identify a specific time frame for reporting deviations, prompt reporting, as required by Sections 1b-V, 3 and 4 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26, shall be defined as follows:
   a. For emissions of a hazardous air pollutant or a toxic air pollutant (as identified in an applicable regulation) that continue for more than an hour in excess of permit requirements, the report must be made within 24 hours of the occurrence.
   b. For emissions of any regulated air pollutant, excluding those listed in F.8.a., that continue for more than two hours in excess of permit requirements, the report must be made within 48 hours.
   c. All deviations from permit requirements, including those previously reported, shall be included in the semiannual report required by F.6.

9. Pursuant to 401 KAR 52:020, Title V permits, Section 21, the permittee shall annually certify compliance with the terms and conditions contained in this permit, by completing and returning a Compliance Certification Form (DEP 7007CC) (or an alternative approved by the regional office) to the Regional Office listed on the front of this permit and the U.S. EPA in accordance with the following requirements:
   a. Identification of the term or condition;
   b. Compliance status of each term or condition of the permit;
   c. Whether compliance was continuous or intermittent;

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

d. The method used for determining the compliance status for the source, currently and over the reporting period.
e. For an emissions unit that was still under construction or which has not commenced operation at the end of the 12-month period covered by the annual compliance certification, the permittee shall indicate that the unit is under construction and that compliance with any applicable requirements will be demonstrated within the timeframes specified in the permit.
f. The certification shall be submitted by January 30th of each year. Annual compliance certifications shall be sent to the following addresses:

Division for Air Quality
Paducah Regional Office
130 Eagle Nest Drive
Paducah, KY 42003

U.S. EPA Region 4
Air Enforcement Branch
Atlanta Federal Center
61 Forsyth St. SW
Atlanta, GA 30303-8960

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

SECTION G - GENERAL PROVISIONS

1. General Compliance Requirements

   a. The permittee shall comply with all conditions of this permit. Noncompliance shall be a violation of 401 KAR 52:020, Section 3(1)(b), and a violation of Federal Statute 42 USC 7401 through 7671q (the Clean Air Act). Noncompliance with this permit is grounds for enforcement action including but not limited to termination, revocation and reissuance, revision or denial of a permit [Section 1a-3 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26].

   b. The filing of a request by the permittee for any permit revision, revocation, reissuance, or termination, or of a notification of a planned change or anticipated noncompliance, shall not stay any permit condition [Section 1a-6 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26].

   c. This permit may be revised, revoked, reopened and reissued, or terminated for cause in accordance with 401 KAR 52:020, Section 19. The permit will be reopened for cause and revised accordingly under the following circumstances:
      (1) If additional applicable requirements become applicable to the source and the remaining permit term is three (3) years or longer. In this case, the reopening shall be completed no later than eighteen (18) months after promulgation of the applicable requirement. A reopening shall not be required if compliance with the applicable requirement is not required until after the date on which the permit is due to expire, unless this permit or any of its terms and conditions have been extended pursuant to 401 KAR 52:020, Section 12;
      (2) The Cabinet or the United States Environmental Protection Agency (U.S. EPA) determines that the permit must be revised or revoked to assure compliance with the applicable requirements;
      (3) The Cabinet or the U. S. EPA determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit;
      (4) New requirements become applicable to a source subject to the Acid Rain Program.

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

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

SECTION G - GENERAL PROVISIONS (CONTINUED)

e. Emission units described in this permit shall demonstrate compliance with applicable requirements if requested by the Division [401 KAR 52:020, Section 3(1)(c)].

f. The permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information to the permitting authority [401 KAR 52:020, Section 7(1)].

g. Any condition or portion of this permit which becomes suspended or is ruled invalid as a result of any legal or other action shall not invalidate any other portion or condition of this permit [Section 1a-14 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26].

h. The permittee shall not use as a defense in an enforcement action the contention that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance [Section 1a-4 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26].

i. All emission limitations and standards contained in this permit shall be enforceable as a practical matter. All emission limitations and standards contained in this permit are enforceable by the U.S. EPA and citizens except for those specifically identified in this permit as state-origin requirements. [Section 1a-15 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26].

j. This permit shall be subject to suspension if the permittee fails to pay all emissions fees within 90 days after the date of notice as specified in 401 KAR 50:038, Section 3(6) [Section 1a-10 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26].

k. Nothing in this permit shall alter or affect the liability of the permittee for any violation of applicable requirements prior to or at the time of permit issuance [401 KAR 52:020, Section 11(3) b].

l. This permit does not convey property rights or exclusive privileges [Section 1a-9 of the *Cabinet Provisions and Procedures for Issuing Title V Permits* incorporated by reference in 401 KAR 52:020, Section 26].

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

n. Nothing in this permit shall alter or affect the authority of U.S. EPA to obtain information pursuant to Federal Statute 42 USC 7414, Inspections, monitoring, and entry [401 KAR 52:020, Section 11(3) d.].

SECTION G - GENERAL PROVISIONS (CONTINUED)

o. Nothing in this permit shall alter or affect the authority of U.S. EPA to impose emergency orders pursuant to Federal Statute 42 USC 7603, Emergency orders [401 KAR 52:020, Section 11(3) a.].

p. This permit consolidates the authority of any previously issued PSD, NSR, or Synthetic Minor source preconstruction permit terms and conditions for various emission units and incorporates all requirements of those existing permits into one single permit for this source.

q. Pursuant to 401 KAR 52:020, Section 11, a permit shield shall not protect the owner or operator from enforcement actions for violating an applicable requirement prior to or at the time of permit issuance. Compliance with the conditions of this permit shall be considered compliance with:
(1) Applicable requirements that are included and specifically identified in the permit; and
(2) Non-applicable requirements expressly identified in this permit.

2. Permit Expiration and Reapplication Requirements

a. This permit shall remain in effect for a fixed term of five (5) years following the original date of issue. Permit expiration shall terminate the source's right to operate unless a timely and complete renewal application has been submitted to the Division at least six (6) months prior to the expiration date of the permit. Upon a timely and complete submittal, the authorization to operate within the terms and conditions of this permit, including any permit shield, shall remain in effect beyond the expiration date, until the renewal permit is issued or denied by the Division [401 KAR 52:020, Section 12].

b. The authority to operate granted shall cease to apply if the source fails to submit additional information requested by the Division after the completeness determination has been made on any application, by whatever deadline the Division sets [401 KAR 52:020, Section 8(2)].

3. Permit Revisions

a. A minor permit revision procedure may be used for permit revisions involving the use of economic incentive, marketable permit, emission trading, and other similar approaches, to the extent that these minor permit revision procedures are explicitly provided for in the State Implementation Plan (SIP) or in applicable requirements and meet the relevant requirements of 401 KAR 52:020, Section 14(2).

b. This permit is not transferable by the permittee. Future owners and operators shall obtain a new permit from the Division for Air Quality. The new permit may be processed as an administrative amendment if no other change in this permit is necessary, and provided that a written agreement containing a specific date for transfer of permit responsibility coverage and liability between the current and new permittee has been submitted to the permitting authority within ten (10) days following the transfer.

SECTION G - GENERAL PROVISIONS (CONTINUED)

4. Construction, Start-Up, and Initial Compliance Demonstration Requirements

No construction authorized by the permit V-24-038.

5. Testing Requirements

a. Pursuant to 401 KAR 50:045, Section 2, a source required to conduct a performance test shall submit a completed Compliance Test Protocol form, DEP form 6028, or a test protocol a source has developed for submission to other regulatory agencies, in a format approved by the cabinet, to the Division's Frankfort Central Office a minimum of sixty (60) days prior to the scheduled test date. Pursuant to 401 KAR 50:045, Section 7, the Division shall be notified of the actual test date at least thirty (30) days prior to the test.

b. Pursuant to 401 KAR 50:045, Section 5, in order to demonstrate that a source is capable of complying with a standard at all times, any required performance test shall be conducted under normal conditions that are representative of the source's operations and create the highest rate of emissions. If [When] the maximum production rate represents a source's highest emissions rate and a performance test is conducted at less than the maximum production rate, a source shall be limited to a production rate of no greater than 110 percent of the average production rate during the performance tests. If and when the facility is capable of operation at the rate specified in the application, the source may retest to demonstrate compliance at the new production rate. The Division for Air Quality may waive these requirements on a case-by-case basis if the source demonstrates to the Division's satisfaction that the source is in compliance with all applicable requirements.

c. Results of performance test(s) required by the permit shall be submitted to the Division by the source or its representative within forty-five days or sooner if required by an applicable standard, after the completion of the fieldwork.

6. Acid Rain Program Requirements

a. If an applicable requirement of Federal Statute 42 USC 7401 through 7671q (the Clean Air Act) is more stringent than an applicable requirement promulgated pursuant to Federal Statute 42 USC 7651 through 7651o (Title IV of the Act), both provisions shall apply, and both shall be state and federally enforceable.

b. The permittee shall comply with all applicable requirements and conditions of the Acid Rain Permit and the Phase II permit application (including the Phase II NOx compliance plan and averaging plan, if applicable) incorporated into the Title V permit issued for this source. The source shall also comply with all requirements of any revised or future acid rain permit(s) issued to this source.

SECTION G - GENERAL PROVISIONS (CONTINUED)

7. Emergency Provisions

   a. Pursuant to 401 KAR 52:020, Section 24(1), an emergency shall constitute an affirmative defense to an action brought for the noncompliance with the technology-based emission limitations if the permittee demonstrates through properly signed contemporaneous operating logs or relevant evidence that:
      (1) An emergency occurred and the permittee can identify the cause of the emergency;
      (2) The permitted facility was at the time being properly operated;
      (3) During an emergency, the permittee took all reasonable steps to minimize levels of emissions that exceeded the emissions standards or other requirements in the permit; and
      (4) Pursuant to 401 KAR 52:020, 401 KAR 50:055, and KRS 224.01-400, the permittee notified the Division as promptly as possible and submitted written notice of the emergency to the Division when emission limitations were exceeded due to an emergency. The notice shall include a description of the emergency, steps taken to mitigate emissions, and corrective actions taken.
      (5) This requirement does not relieve the source of other local, state or federal notification requirements.

   b. Emergency conditions listed in General Condition G.7.a above are in addition to any emergency or upset provision(s) contained in an applicable requirement [401 KAR 52:020, Section 24(3)].

   c. In an enforcement proceeding, the permittee seeking to establish the occurrence of an emergency shall have the burden of proof [401 KAR 52:020, Section 24(2)].

8. Ozone Depleting Substances

   a. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B:
      (1) Persons opening appliances for maintenance, service, repair, or disposal shall comply with the required practices contained in 40 CFR 82.156.
      (2) Equipment used during the maintenance, service, repair, or disposal of appliances shall comply with the standards for recycling and recovery equipment contained in 40 CFR 82.158.
      (3) Persons performing maintenance, service, repair, or disposal of appliances shall be certified by an approved technician certification program pursuant to 40 CFR 82.161.
      (4) Persons disposing of small appliances, MVACs, and MVAC-like appliances (as defined at 40 CFR 82.152) shall comply with the recordkeeping requirements pursuant to 40 CFR 82.166
      (5) Persons owning commercial or industrial process refrigeration equipment shall comply with the leak repair requirements pursuant to 40 CFR 82.156.
      (6) Owners/operators of appliances normally containing 50 or more pounds of refrigerant shall keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166.

SECTION G - GENERAL PROVISIONS (CONTINUED)

b. If the permittee performs service on motor (fleet) vehicle air conditioners containing ozone-depleting substances, the source shall comply with all applicable requirements as specified in 40 CFR 82, Subpart B, *Servicing of Motor Vehicle Air Conditioners*.

9. Risk Management Provisions

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

b. If requested, submit additional relevant information to the Division or the U.S. EPA.

SECTION H - ALTERNATE OPERATING SCENARIOS

None

SECTION I - COMPLIANCE SCHEDULE

None