



Environmental Protection Agency

John R. Kasich, Governor  
Mary Taylor, Lt. Governor  
Scott J. Nally, Director

11/1/2012

Brian Foust  
MARATHON PETROLEUM COMPANY LP - LEBANON  
999 W. SR 122  
Lebanon, OH 45036

RE: FINALAIR POLLUTION PERMIT-TO-INSTALL AND OPERATE  
Facility ID: 1483000170  
Permit Number: P0111095  
Permit Type: Renewal  
County: Warren

Certified Mail

No	TOXIC REVIEW
No	PSD
No	SYNTHETIC MINOR TO AVOID MAJOR NSR
No	CEMS
No	MACT/GACT
No	NSPS
No	NESHAPS
No	NETTING
No	MAJOR NON-ATTAINMENT
No	MODELING SUBMITTED
Yes	SYNTHETIC MINOR TO AVOID TITLE V
Yes	FEDERALLY ENFORCABLE PTIO (FEPTIO)
No	SYNTHETIC MINOR TO AVOID MAJOR GHG

Dear Permit Holder:

Enclosed please find a final Air Pollution Permit-to-Install and Operate (PTIO) which will allow you to install, modify, and/or operate the described emissions unit(s) in the manner indicated in the permit. Because this permit contains conditions and restrictions, please read it very carefully. Please complete a survey at [www.epa.ohio.gov/dapc/permitsurvey.aspx](http://www.epa.ohio.gov/dapc/permitsurvey.aspx) and give us feedback on your permitting experience. We value your opinion.

The issuance of this PTI is a final action of the Director and may be appealed to the Environmental Review Appeals Commission pursuant to Section 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. The appeal must be filed with the Commission within thirty (30) days after notice of the Director's action. The appeal must be accompanied by a filing fee of \$70.00, made payable to "Ohio Treasurer Josh Mandel," which the Commission, in its discretion, may reduce if by affidavit you demonstrate that payment of the full amount of the fee would cause extreme hardship. Notice of the filing of the appeal shall be filed with the Director within three (3) days of filing with the Commission. Ohio EPA requests that a copy of the appeal be served upon the Ohio Attorney General's Office, Environmental Enforcement Section. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission  
309 South Fourth Street, Room 222  
Columbus, OH 43215

If you have any questions, please contact Southwest Ohio Air Quality Agency at (513)946-7777 or the Office of Compliance Assistance and Pollution Prevention at (614) 644-3469. This permit can be accessed electronically on the DAPCWeb page, [www.epa.ohio.gov/dapc](http://www.epa.ohio.gov/dapc), by clicking the "Issued Air Pollution Control Permits" link.

Sincerely,

Michael W. Ahern, Manager  
Permit Issuance and Data Management Section, DAPC

Cc: SWOAQA





**FINAL**

**Division of Air Pollution Control  
Permit-to-Install and Operate  
for**

**MARATHON PETROLEUM COMPANY LP - LEBANON**

Facility ID:	1483000170
Permit Number:	P0111095
Permit Type:	Renewal
Issued:	11/1/2012
Effective:	11/1/2012
Expiration:	9/20/2015





Division of Air Pollution Control
Permit-to-Install and Operate
for
MARATHON PETROLEUM COMPANY LP - LEBANON

Table of Contents

Authorization ..... 1
A. Standard Terms and Conditions ..... 3
1. What does this permit-to-install and operate ("PTIO") allow me to do?..... 4
2. Who is responsible for complying with this permit? ..... 4
3. What records must I keep under this permit? ..... 4
4. What are my permit fees and when do I pay them?..... 4
5. When does my PTIO expire, and when do I need to submit my renewal application? ..... 4
6. What happens to this permit if my project is delayed or I do not install or modify my source? ..... 5
7. What reports must I submit under this permit? ..... 5
8. If I am required to obtain a Title V operating permit in the future, what happens to the operating provisions and PER obligations under this permit? ..... 5
9. What are my obligations when I perform scheduled maintenance on air pollution control equipment? ... 5
10. Do I have to report malfunctions of emissions units or air pollution control equipment? If so, how must I report? ..... 6
11. Can Ohio EPA or my local air agency inspect the facility where the emission unit(s) is/are located? ..... 6
12. What happens if one or more emissions units operated under this permit is/are shut down permanently? ..... 6
13. Can I transfer this permit to a new owner or operator?..... 7
14. Does compliance with this permit constitute compliance with OAC rule 3745-15-07, "air pollution nuisance"? ..... 7
15. What happens if a portion of this permit is determined to be invalid? ..... 7
B. Facility-Wide Terms and Conditions..... 8
C. Emissions Unit Terms and Conditions ..... 10
1. J002, Loading Rack ..... 11
2. T006, Tank 150-6..... 21
3. T007, Tank 67-7..... 25
4. T008, Tank 55-8..... 29
5. Emissions Unit Group -T001 T004: T001,T004, ..... 33
6. Emissions Unit Group -T002 T005: T002,T005, ..... 40





## Authorization

Facility ID: 1483000170  
Application Number(s): A0045507  
Permit Number: P0111095  
Permit Description: PTIO Renewal Permit for loading rack J002 and storage tanks T001-T008.  
Permit Type: Renewal  
Permit Fee: \$0.00  
Issue Date: 11/1/2012  
Effective Date: 11/1/2012  
Expiration Date: 9/20/2015  
Permit Evaluation Report (PER) Annual Date: Jan 1 - Dec 31, Due Feb 15

This document constitutes issuance to:

MARATHON PETROLEUM COMPANY LP - LEBANON  
999 WEST STATE ROUTE 122  
Lebanon, OH 45036

of a Permit-to-Install and Operate for the emissions unit(s) identified on the following page.

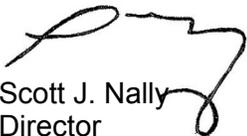
Ohio EPA District Office or local air agency responsible for processing and administering your permit:

Southwest Ohio Air Quality Agency  
250 William Howard Taft Rd.  
Cincinnati, OH 45219  
(513)946-7777

The above named entity is hereby granted this Permit-to-Install and Operate for the air contaminant source(s) (emissions unit(s)) listed in this section pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this permit does not constitute expressed or implied approval or agreement that, if constructed or modified in accordance with the plans included in the application, the described emissions unit(s) will operate in compliance with applicable State and federal laws and regulations.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

  
Scott J. Nally  
Director



## Authorization (continued)

Permit Number: P0111095

Permit Description: PTIO Renewal Permit for loading rack J002 and storage tanks T001-T008.

Permits for the following Emissions Unit(s) or groups of Emissions Units are in this document as indicated below:

<b>Emissions Unit ID:</b>	<b>J002</b>
Company Equipment ID:	Loading Rack
Superseded Permit Number:	P0100417
General Permit Category and Type:	Not Applicable

<b>Emissions Unit ID:</b>	<b>T006</b>
Company Equipment ID:	Tank 150-6
Superseded Permit Number:	P0100414
General Permit Category and Type:	Not Applicable

<b>Emissions Unit ID:</b>	<b>T007</b>
Company Equipment ID:	Tank 67-7
Superseded Permit Number:	P0100415
General Permit Category and Type:	Not Applicable

<b>Emissions Unit ID:</b>	<b>T008</b>
Company Equipment ID:	Tank 55-8
Superseded Permit Number:	P0100416
General Permit Category and Type:	Not Applicable

**Group Name: T001 T004**

<b>Emissions Unit ID:</b>	<b>T001</b>
Company Equipment ID:	Tank 80-1
Superseded Permit Number:	P0104799
General Permit Category and Type:	Not Applicable
<b>Emissions Unit ID:</b>	<b>T004</b>
Company Equipment ID:	Tank 67-4
Superseded Permit Number:	P0104799
General Permit Category and Type:	Not Applicable

**Group Name: T002 T005**

<b>Emissions Unit ID:</b>	<b>T002</b>
Company Equipment ID:	Tank T-2
Superseded Permit Number:	P0100419
General Permit Category and Type:	Not Applicable
<b>Emissions Unit ID:</b>	<b>T005</b>
Company Equipment ID:	Tank 55-5
Superseded Permit Number:	P0100419
General Permit Category and Type:	Not Applicable

## **A. Standard Terms and Conditions**

**1. What does this permit-to-install and operate ("PTIO") allow me to do?**

This permit allows you to install and operate the emissions unit(s) identified in this PTIO. You must install and operate the unit(s) in accordance with the application you submitted and all the terms and conditions contained in this PTIO, including emission limits and those terms that ensure compliance with the emission limits (for example, operating, recordkeeping and monitoring requirements).

**2. Who is responsible for complying with this permit?**

The person identified on the "Authorization" page, above, is responsible for complying with this permit until the permit is revoked, terminated, or transferred. "Person" means a person, firm, corporation, association, or partnership. The words "you," "your," or "permittee" refer to the "person" identified on the "Authorization" page above.

The permit applies only to the emissions unit(s) identified in the permit. If you install or modify any other equipment that requires an air permit, you must apply for an additional PTIO(s) for these sources.

**3. What records must I keep under this permit?**

You must keep all records required by this permit, including monitoring data, test results, strip-chart recordings, calibration data, maintenance records, and any other record required by this permit for five years from the date the record was created. You can keep these records electronically, provided they can be made available to Ohio EPA during an inspection at the facility. Failure to make requested records available to Ohio EPA upon request is a violation of this permit requirement.

**4. What are my permit fees and when do I pay them?**

There are two fees associated with permitted air contaminant sources in Ohio:

PTIO fee. This one-time fee is based on a fee schedule in accordance with Ohio Revised Code (ORC) section 3745.11, or based on a time and materials charge for permit application review and permit processing if required by the Director.

You will be sent an invoice for this fee after you receive this PTIO and payment is due within 30 days of the invoice date. You are required to pay the fee for this PTIO even if you do not install or modify your operations as authorized by this permit.

Annual emissions fee. Ohio EPA will assess a separate fee based on the total annual emissions from your facility. You self-report your emissions in accordance with Ohio Administrative Code (OAC) Chapter 3745-78. This fee assessed is based on a fee schedule in ORC section 3745.11 and funds Ohio EPA's permit compliance oversight activities. Unless otherwise specified, facilities subject to one or more synthetic minor restrictions must use Ohio EPA's "Air Services" to submit annual emissions associated with this permit requirement. Ohio EPA will notify you when it is time to report your emissions and to pay your annual emission fees.

**5. When does my PTIO expire, and when do I need to submit my renewal application?**

This permit expires on the date identified at the beginning of this permit document (see "Authorization" page above) and you must submit a renewal application to renew the permit. Ohio EPA will send a renewal notice to you approximately six months prior to the expiration date of this permit. However, it is

very important that you submit a complete renewal permit application (postmarked prior to expiration of this permit) even if you do not receive the renewal notice.

If a complete renewal application is submitted before the expiration date, Ohio EPA considers this a timely application for purposes of ORC section 119.06, and you are authorized to continue operating the emissions unit(s) covered by this permit beyond the expiration date of this permit until final action is taken by Ohio EPA on the renewal application.

**6. What happens to this permit if my project is delayed or I do not install or modify my source?**

This PTIO expires 18 months after the issue date identified on the "Authorization" page above unless otherwise specified if you have not (1) started constructing the new or modified emission sources identified in this permit, or (2) entered into a binding contract to undertake such construction. This deadline can be extended by up to 12 months, provided you apply to Ohio EPA for this extension within a reasonable time before the 18-month period has ended and you can show good cause for any such extension.

**7. What reports must I submit under this permit?**

An annual permit evaluation report (PER) is required in addition to any malfunction reporting required by OAC rule 3745-15-06 or other specific rule-based reporting requirement identified in this permit. Your PER due date is identified in the Authorization section of this permit.

**8. If I am required to obtain a Title V operating permit in the future, what happens to the operating provisions and PER obligations under this permit?**

If you are required to obtain a Title V permit under OAC Chapter 3745-77 in the future, the permit-to-operate portion of this permit will be superseded by the issued Title V permit. From the effective date of the Title V permit forward, this PTIO will effectively become a PTI (permit-to-install) in accordance with OAC rule 3745-31-02(B). The following terms and conditions will no longer be applicable after issuance of the Title V permit: Section B, Term 1.b) and Section C, for each emissions unit, Term a)(2).

The PER requirements in this permit remain effective until the date the Title V permit is issued and is effective, and cease to apply after the effective date of the Title V permit. The final PER obligation will cover operations up to the effective date of the Title V permit and must be submitted on or before the submission deadline identified in this permit on the last day prior to the effective date of the Title V permit.

**9. What are my obligations when I perform scheduled maintenance on air pollution control equipment?**

You must perform scheduled maintenance of air pollution control equipment in accordance with OAC rule 3745-15-06(A). If scheduled maintenance requires shutting down or bypassing any air pollution control equipment, you must also shut down the emissions unit(s) served by the air pollution control equipment during maintenance, unless the conditions of OAC rule 3745-15-06(A)(3) are met. Any emissions that exceed permitted amount(s) under this permit (unless specifically exempted by rule) must be reported as deviations in the annual permit evaluation report (PER), including nonexempt excess emissions that occur during approved scheduled maintenance.

**10. Do I have to report malfunctions of emissions units or air pollution control equipment? If so, how must I report?**

If you have a reportable malfunction of any emissions unit(s) or any associated air pollution control system, you must report this to the Southwest Ohio Air Quality Agency in accordance with OAC rule 3745-15-06(B). Malfunctions that must be reported are those that result in emissions that exceed permitted emission levels. It is your responsibility to evaluate control equipment breakdowns and operational upsets to determine if a reportable malfunction has occurred.

If you have a malfunction, but determine that it is not a reportable malfunction under OAC rule 3745-15-06(B), it is recommended that you maintain records associated with control equipment breakdown or process upsets. Although it is not a requirement of this permit, Ohio EPA recommends that you maintain records for non-reportable malfunctions.

**11. Can Ohio EPA or my local air agency inspect the facility where the emission unit(s) is/are located?**

Yes. Under Ohio law, the Director or his authorized representative may inspect the facility, conduct tests, examine records or reports to determine compliance with air pollution laws and regulations and the terms and conditions of this permit. You must provide, within a reasonable time, any information Ohio EPA requests either verbally or in writing.

**12. What happens if one or more emissions units operated under this permit is/are shut down permanently?**

Ohio EPA can terminate the permit terms associated with any permanently shut down emissions unit. "Shut down" means the emissions unit has been physically removed from service or has been altered in such a way that it can no longer operate without a subsequent "modification" or "installation" as defined in OAC Chapter 3745-31.

You should notify Ohio EPA of any emissions unit that is permanently shut down by submitting<sup>1</sup> a certification that identifies the date on which the emissions unit was permanently shut down. The certification must be submitted by an authorized official from the facility. You cannot continue to operate an emissions unit once the certification has been submitted to Ohio EPA by the authorized official.

You must comply with all recordkeeping and reporting for any permanently shut down emissions unit in accordance with the provisions of the permit, regulations or laws that were enforceable during the period of operation, such as the requirement to submit a PER, air fee emission report, or malfunction report. You must also keep all records relating to any permanently shutdown emissions unit, generated while the emissions unit was in operation, for at least five years from the date the record was generated.

Again, you cannot resume operation of any emissions unit certified by the authorized official as being permanently shut down without first applying for and obtaining a permit pursuant to OAC Chapter 3745-31.

---

<sup>1</sup>Permittees that use Ohio EPA's "Air Services" can mark the affected emissions unit(s) as "permanently shutdown" in the facility profile along with the date the emissions unit(s) was permanently removed and/or disabled. Submitting the facility profile update will constitute notifying of the permanent shutdown of the affected emissions unit(s).

**13. Can I transfer this permit to a new owner or operator?**

You can transfer this permit to a new owner or operator. If you transfer the permit, you must follow the procedures in OAC Chapter 3745-31, including notifying Ohio EPA or the local air agency of the change in ownership or operator. Any transferee of this permit must assume the responsibilities of the transferor permit holder.

**14. Does compliance with this permit constitute compliance with OAC rule 3745-15-07, "air pollution nuisance"?**

This permit and OAC rule 3745-15-07 prohibit operation of the air contaminant source(s) regulated under this permit in a manner that causes a nuisance. Ohio EPA can require additional controls or modification of the requirements of this permit through enforcement orders or judicial enforcement action if, upon investigation, Ohio EPA determines existing operations are causing a nuisance.

**15. What happens if a portion of this permit is determined to be invalid?**

If a portion of this permit is determined to be invalid, the remainder of the terms and conditions remain valid and enforceable. The exception is where the enforceability of terms and conditions are dependent on the term or condition that was declared invalid.

## **B. Facility-Wide Terms and Conditions**

1. This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).
  - a) For the purpose of a permit-to-install document, the facility-wide terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
    - (1) None.
  - b) For the purpose of a permit-to-operate document, the facility-wide terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
    - (1) None.
2. The Ohio EPA has determined that this facility may be applicable to the requirements of an area source MACT/GACT rule that the Ohio EPA does not have the delegated authority to implement. Although Ohio EPA has determined that an area source MACT (also known as the GACT) may apply, at this time Ohio EPA does not have the authority to enforce this standard. Instead, U.S. EPA has the authority to enforce this standard. Please be advised that all requirements associated with these rules are in effect and are enforceable by U.S. EPA. For more information on the area source rules, please refer to the following U.S. EPA website:

<http://www.epa.gov/ttn/atw/area/arearules.html>

## **C. Emissions Unit Terms and Conditions**

**1. J002, Loading Rack**

**Operations, Property and/or Equipment Description:**

Four lane gasoline and fuel oil truck loading rack with Zink HEAA2500-825-11-10 Vapor Recovery Unit (VRU)

a) This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

(1) For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.

a. d)(8).

(2) For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.

a. b)(1)b., c)(1), d)(1)d. through d)(1)g., e)(4) and f)(1)c.

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3)	<p>Volatile Organic Compound (VOC) emissions from the VRU stack shall not exceed 0.083 pound per 1000 gallons of gasoline loaded (10 mg/l) and 149.4 pounds per day.</p> <p>VOC emissions from the backup flare control device shall not exceed 0.292 pound per 1000 gallons of gasoline loaded (35 mg/l) and 525.4 pounds per day.</p> <p>Uncontrolled VOC emissions during distillate oil loading shall not exceed 0.014 pound per 1000 gallons of distillate oil loaded (1.68 mg/l) and 12.6 pounds per day.</p>

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		<p>The requirements established pursuant to this rule also include compliance with the requirements established pursuant to OAC rules 3745-21-09(Q)(1)(a) through (d), OAC rule 3745-31-05(D), and 40 CFR 60 Subpart XX 60.502(a), (e) through (i).</p> <p>See c)(2).</p>
b.	OAC rule 3745-31-05(D) Synthetic Minor to Avoid Non-Attainment New Source Review and Title V	<p>Volatile Organic Compound (VOC) emissions shall not exceed 18.26 tons per year (TPY) from the VRU stack, based on a rolling, 12-month summation.</p> <p>Volatile Organic Compound (VOC) emissions shall not exceed 3.70 tons per year (TPY) from the backup flare control device, based on a rolling, 12-month summation.</p> <p>See c)(1).</p>
c.	OAC rule 3745-21-09(Q)(1)(b)(ii)	The mass emissions limitation established pursuant to this rule is less stringent than the mass emissions limitation established pursuant to OAC rule 3745-31-05(A)(3).
d.	OAC rule 3745-21-09(Q)(1)(a) through (d), (2), and (3)	See c)(3) through c)(8).
e.	40 CFR 60 Subpart XX 60.502(b)	The mass emissions limitation established pursuant to this rule is less stringent than the mass emissions limitation established pursuant to OAC rule 3745-31-05(A)(3).
f.	40 CFR 60 Subpart XX 60.502(a), (e) through (i)	See c)(9) through c)(14).

(2) Additional Terms and Conditions

- a. The short-term emission limitations specified in b)(1) are based upon the emissions unit's Potential to Emit (PTE). Therefore, no records are required to demonstrate compliance with these limitations.
- b. Compliance with OAC rule 3745-31-05(A)(3) shall be demonstrated by the use of a carbon adsorption VRU as a primary control device and the use of a portable open flare as a backup control device and compliance with the rolling, 12-month throughput and emissions limitations.

- c. The application and enforcement of the provisions of the New Source Performance Standards (NSPS), as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60, are delegated to the Ohio Environmental Protection Agency. The requirements of 40 CFR Part 60 are also federally enforceable.

c) Operational Restrictions

- (1) This emissions unit shall be limited to the following throughput limitations:
  - a. the maximum annual gasoline throughput rate for this emissions unit shall not exceed 440,000,000 gallons per year, based upon a rolling, 12-month summation of the gasoline throughput rates;
  - b. the maximum annual distillate oil throughput rate for this emissions unit shall not exceed 150,000,000 gallons per year, based upon a rolling, 12-month summation of the distillate oil throughput rates; and
  - c. the maximum annual gasoline throughput rate for this emissions unit when utilizing the backup flare control device shall not exceed 25,300,000 gallons per year, based upon a rolling, 12-month summation of the gasoline throughput rates during such time(s).
- (2) In order to demonstrate compliance with the allowable VOC emissions rate for the portable flare, the permittee shall maintain the gasoline loading rate between 600 gallons per minute and 8,400 gallons per minute when utilizing the flare, based on the manufacturer's guarantee.
- (3) The loading rack shall be equipped with a vapor collection system whereby during the transfer of gasoline to any delivery vessel:
  - a. all vapors displaced from the delivery vessel during loading are vented only to the vapor collection system; and
  - b. the pressure in the vapor collection system is maintained between minus 6 and plus 18 inches of water gauge pressure.
- (4) The loading rack shall be equipped with a vapor control system whereby:
  - a. all vapors collected by the vapor collection system are vented to the vapor control system; and
  - b. any liquid gasoline returned to a stationary storage tank from the vapor control system is free of entrained air to the extent possible with good engineering design.
- (5) The loading rack shall be provided with a means to prevent drainage of gasoline from the loading device when it is not in use or to accomplish complete drainage before the loading device is disconnected.

- (6) All gasoline loading lines and vapor lines shall be equipped with fittings which are vapor tight.
- (7) No owner or operator of a bulk gasoline terminal may permit gasoline to be spilled, discarded in sewers, stored in open containers or handled in any other manner that would result in evaporation.
- (8) The permittee shall repair any leak from the vapor collection system or vapor control system within 15 days of detection where the system is employed to meet the requirements of 40 CFR 60.502(j) and the sight, sound, or smell method was employed to detect the leak. The permittee shall also repair any leak from the vapor collection system or vapor control system within 15 days of detection where the system is employed to meet the requirements of paragraph (Q)(1) of OAC rule 3745-21-09 and when such leak is equal to or greater than 100 percent of the lower explosive limit as propane, as determined by the method outlined in paragraph (K) of OAC rule 3745-21-10.
- (9) 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.
- (10) Loadings of liquid product into gasoline tank trucks shall be limited to vapor-tight gasoline tank trucks. The permittee has proposed the use of an alternate procedure for documenting vapor-tight gasoline tank trucks pursuant to the allowance in 40 CFR 60.502(e)(6). The alternate method consists of a computer recordkeeping system whereby gasoline tank trucks with out-of-date vapor-tightness records are prevented (locked out) from loading gasoline. The method was documented by the permittee and approved by the Southwest Ohio Air Quality Agency on May 9, 2006.
- (11) The owner or operator 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.
- (12) The owner or operator 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.
- (13) 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, 18 inches of water) during product loading. This level is not to be exceeded when measured by the procedures specified in 40 CFR 60.503(d).
- (14) 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, 18 inches of water).
- (15) The following VRU parameters have been identified as key operating parameters for which acceptable operating ranges have been established. The permittee shall operate the VRU within these acceptable operating ranges:

- a. to ensure proper regeneration of the carbon beds, the maximum vacuum pulled during the regeneration cycle shall be greater than or equal to 25 inches of mercury. The air purge solenoid shall also remain open during the regeneration cycle;
- b. to ensure proper absorption by the absorption tower, the gasoline supply temperature shall not exceed 98 degrees Fahrenheit;
- c. to ensure a proper flow rate from the absorption tower to the carbon bed, the absorber pressure shall be maintained between 17 psi and 23 psi; and
- d. to ensure proper adsorption, the carbon bed temperatures, at all levels, shall not exceed 150 degrees Fahrenheit.

Operation of the VRU outside of these specified operating ranges is not necessarily indicative of an emissions violation, but rather serves as a trigger level for maintenance and/or repair activities, or further investigation to establish correct operation.

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall maintain monthly records of the following information:

- a. the gasoline throughput rate, in gallons, for each month;
- b. the distillate oil throughput rate, in gallons for each month;
- c. the gasoline throughput rate when utilizing the backup flare control device, in gallons, for each month;
- d. the updated rolling, 12-month summation of the gasoline and distillate oil throughput rates, in gallons;
- e. the updated rolling, 12-month summation of the gasoline throughput rate when utilizing the backup flare control device, in gallons;
- f. the updated rolling, 12-month summation of the actual VOC emissions from the VRU, in tons, for each month. This shall include the information for the current month and the preceding eleven months:

[[the actual gasoline throughput rate from c)(1)a. (gallons gasoline loaded/rolling, 12-month period) x emission factor (lbs of VOC/gallon gasoline loaded)] + [the actual distillate oil throughput rate from c)(1)b. (gallons distillate oil loaded/rolling, 12-month period) x emission factor (lbs of VOC/gallon distillate oil loaded)] x 1 Ton/2000 lbs = Tons of VOC/rolling, 12-month period; and

- g. the updated rolling, 12-month summation of the actual VOC emissions from the backup flare control device, in tons, for each month. This shall include the information for the current month and the preceding eleven months:

[the actual gasoline throughput rate when utilizing the backup flare control device from c)(1)c. (gallons gasoline loaded when utilizing the backup flare control device/rolling, 12-month period) x emission factor (lbs of VOC/gallon gasoline loaded when utilizing the backup flare control device)] x 1 Ton/2000 lbs = Tons of VOC/rolling, 12-month period.

- (2) The permittee shall maintain daily records of the gasoline loading rate, in gallons per minute, when utilizing the backup flare control device.
- (3) The permittee shall perform monthly monitoring of all potential sources of vapor leaks in the terminal's vapor collection system and vapor control system while a gasoline tank truck is being loaded. The permittee shall concurrently employ both the sight, sound, or smell method outlined in 40 CFR 60.502(j) and the leak detection method outlined in paragraph (K) of OAC rule 3745-21-10. The permittee shall record any leak detected with the sight, sound, or smell method and/or any VOC concentration which is equal to or greater than 100 percent of the lower explosive limit as propane as vapor leaks. The permittee shall maintain records of the results of the monthly leak checks, including at a minimum, the following information:
  - a. the date of inspection;
  - b. the findings of the inspection, which shall indicate the location, nature, and severity of the leak;
  - c. the leak detection method (sight, sound, or smell and/or portable gas analyzer);
  - d. the corrective action(s) taken to repair each leak and the date of final repair;
  - e. the reasons for any repair interval exceeding 15 calendar days (from the time of detection to the date of final repair) for each leak detected by sight, sound, or smell and/or any leak equal to or greater than 100 percent of the lower explosive limit as propane, as determined under paragraph (K) of OAC rule 3745-21-10; and
  - f. the inspector's name and signature.

These records shall be retained and accessible for a period of 5 years.

- (4) The permittee shall maintain records, at the terminal, of the tank truck vapor tightness documentation required by c)(10), in accordance with 40 CFR 60.505(a). The documentation file for each gasoline tank truck shall be updated at least once per year, in accordance with 40 CFR 60.505(b), to reflect current test results as determined by 40 CFR Part 60, Appendix A, Method 27.
- (5) The permittee shall collect and record the following information each normal business day (Monday through Friday, excluding holidays) for the VCS/VRU:
  - a. a log of the downtime for the VCS, VRU, and monitoring equipment, when the associated emissions unit was in operation;
  - b. during the regeneration cycle, the vacuum pressure, in inches of mercury;

- c. the gasoline supply temperature, in degrees Fahrenheit;
  - d. the absorber pressure, in pounds per square inch; and
  - e. the carbon bed temperatures, in degrees Fahrenheit.
- (6) The permittee shall implement a preventive maintenance program for the Zink VRU which has been approved by the Southwest Ohio Air Quality Agency. The program shall include an annual inspection of the VRU by a qualified individual trained in the operation and inspection of carbon adsorption-absorption systems. The resultant report shall be maintained on site and shall be made available during subsequent inspections by the Southwest Ohio Air Quality Agency.
- (7) The permittee shall maintain the data required by the manufacturer's recommended daily operating guidelines on a daily basis. The permittee shall submit such a checklist to the Southwest Ohio Air Quality Agency within 90 days of the issuance of this permit. Any subsequent changes to this checklist shall be mutually agreeable to the permittee and the Southwest Ohio Air Quality Agency.
- (8) Modeling to demonstrate compliance with the Ohio EPA's "Air Toxic Policy" was not necessary because the emissions unit's maximum annual emissions for each toxic pollutant will be less than 1.0 ton. OAC Chapter 3745-31 requires a permittee to apply for and obtain a new or modified permit to install prior to making a "modification" as defined by OAC rule 3745-31-01. The permittee is hereby advised that a new permit to install application would be required for an emissions unit if changes in the composition of the materials or use of new materials would cause the emissions of any pollutant that has a listed Threshold Limit Value (TLV), as documented in the most current version of the American Conference of Governmental Industrial Hygienists' (ACGIH's) handbook entitled "TLVs and BEIs" ("Threshold Limit Values for Chemical Substances and Physical Agents, Biological Exposure Indices"), to increase to above 1.0 ton per year.
- e) Reporting Requirements
- (1) Unless other arrangements have been approved by the Director, all notifications and reports shall be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal.
  - (2) Annual Permit Evaluation Report (PER) forms will be mailed to the permittee at the end of the reporting period specified in the Authorization section of this permit. The permittee shall submit the PER in the form and manner provided by the director by the due date identified in the Authorization section of this permit. The permit evaluation report shall cover a reporting period of no more than twelve-months for each air contaminant source identified in this permit.
  - (3) Any leaks detected by the sight, sound, or smell method pursuant to 40 CFR 60.502(j) and/or any leaks in the vapor collection system or vapor control system equal to or greater than 100 percent of the lower explosive limit as propane, as determined under paragraph (K) of OAC rule 3745-21-10 of the Administrative Code, that are not repaired within 15 days after identification, shall be reported to the Southwest Ohio Air Quality

Agency within 30 days after the repair is completed. This report shall include the date the leak was detected and the date the leak was repaired.

- (4) The permittee shall submit quarterly deviation (excursion) reports to the Southwest Ohio Air Quality Agency that identify all exceedances of the rolling 12-month gasoline and/or distillate oil throughput limitations outlined in c)(1) and/or all exceedances of the rolling, 12-month VOC emissions limitations outlined in b)(1).

The permittee shall submit the reports by January 31, April 30, July 31 and October 31 of each year and shall cover the previous calendar quarters (October through December, January through March, April through June and July through September, respectively). If no deviations occurred during the reporting period, the permittee shall state so in the report.

f) Testing Requirements

- (1) Compliance with the Emissions Limitations and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:

a. Emissions Limitation:

Volatile Organic Compound (VOC) emissions from the VRU stack shall not exceed 0.083 pound per 1000 gallons of gasoline loaded (10 mg/l) and 149.4 pounds per day.

Applicable Compliance Method:

The permittee shall conduct, or have conducted, emissions testing for this emissions unit in accordance with the following requirements:

- i. the emissions testing shall be conducted within one year prior to the expiration of this permit, between the months of May through September. The Director (the appropriate local air agency or District Office) reserves the right to notify the permittee that a more frequent test schedule is required;
- ii. the emission testing shall be conducted to demonstrate compliance with the allowable mass emission rate(s) for VOCs, in the appropriate averaging period(s);
- iii. the following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s):
  - (a) for VOCs, Methods 21 and 25B of 40 CFR Part 60, Appendix A and the method outlined in 40 CFR Part 60.503(d);
  - (b) additionally, the VOC emission rates shall be determined in accordance with the methods and procedures contained in 40 CFR sections 60.503(b), (c), (e), and (f) of "Subpart XX - Standards of Performance for Bulk Gasoline Terminals", except

that the gasoline throughput during any test shall not be less than ninety percent of the maximum throughput of the loading rack and not less than eighty thousand gallons;

- (c) alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA;
- iv. the test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the appropriate Ohio EPA District Office or local air agency;
- v. during any test, all loading racks shall be open for each product line which is controlled by the system under test;
- vi. simultaneous use of more than one loading rack shall occur to the extent that such use would normally occur;
- vii. simultaneous use of more than one dispenser on each loading rack shall occur to the extent that such use would normally occur;
- viii. dispensing rates shall be set at the maximum rate at which the equipment is typically operated;
- ix. automatic product dispensers are to be used according to normal operating practices;
- x. not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the appropriate Ohio EPA District Office or local air agency. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA District Office's or local air agency's refusal to accept the results of the emission test(s);
- xi. personnel from the appropriate Ohio EPA District Office or local air agency shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment; and
- xii. a comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the appropriate Ohio EPA District Office or local air agency within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the appropriate Ohio EPA District Office or local air agency.

b. Emissions Limitations:

VOC emissions from the backup flare control device shall not exceed 0.292 pound per 1000 gallons of gasoline loaded (35 mg/l) and 525.4 pound per day. Uncontrolled VOC emissions during distillate oil loading shall not exceed 0.014 pound per 1000 gallons of distillate oil loaded (1.68 mg/l) and 12.6 pounds per day.

Applicable Compliance Method:

The VOC emissions limitation for the backup flare control device was developed from the information provided by the manufacturer and included in PTI Application 14-04049 submitted January 9, 1996. The VOC emission limitations for the distillate oil loading was developed from the uncontrolled VOC emission factor for Distillate Oil No.2 loading in AP-42, Fifth Edition, Transportation and Marketing of Petroleum Liquids, Table 5.2-5, 1/95.

If required, the permittee shall demonstrate compliance with the emissions limitations in accordance with the methods and procedures outlined in Method 25 of 40 CFR Part 60, Appendix A. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.

c. Emissions Limitations:

18.26 TPY of VOC from the VRU stack, based on a rolling, 12-month summation. 3.70 TPY of VOC from the backup flare control device based on a rolling, 12-month summation.

Applicable Compliance Method:

Compliance with the rolling, 12-month VOC emissions limitations shall be demonstrated by the record keeping requirements in d)(1).

- (2) Compliance with the fuel throughput limitation in c)(1) shall be demonstrated by the record keeping requirements in d)(1).
- (3) Compliance with the operational parameters of the vapor collection and control system in c)(15) shall be demonstrated by the record keeping requirements of d)(5).
- (4) Compliance with the limitation in c)(10) shall be demonstrated by the record keeping requirements of d)(4).

g) Miscellaneous Requirements

- (1) None.

**2. T006, Tank 150-6**

**Operations, Property and/or Equipment Description:**

Tank 150-6. 5.8 million gallon Internal Floating Roof (IFR) tank storing gasoline with mechanical shoe primary seal

a) This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

(1) For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.

a. None.

(2) For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.

a. b)(1)a., d)(2), e)(4) and f)(1)a.

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(D) Synthetic Minor to Avoid Non-Attainment New Source Review and Title V.	Volatile Organic Compound (VOC) emissions from working losses and breathing losses shall not exceed 15.70 tons per year (TPY) based on a rolling, 12-month summation.
b.	OAC rule 3745-21-09(L)(1)	See c)(1).
c.	40 CFR Part 60, Subpart Ka	See b)(2)a., b)(2)b. and c)(2).

(2) Additional Terms and Conditions

a. The owner or operator of this storage vessel to which 40 CFR Part 60 Subpart Ka applies which contains a petroleum liquid which, as stored, has a true vapor pressure equal to or greater than 10.3 kPa (1.5 psia) but not greater than 76.6 kPa (11.1 psia) shall equip this storage vessel as outlined in the operational restriction in term and condition c)(2).

- b. The application and enforcement of the provisions of the New Source Performance Standards (NSPS), as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60, are delegated to the Ohio Environmental Protection Agency. The requirements of 40 CFR Part 60 are also federally enforceable.
- c) Operational Restrictions
- (1) The permittee shall install the following control equipment and shall maintain tank vents, seals, and or covers as follows:
    - a. the fixed roof storage tank shall be equipped with an internal floating roof;
    - b. the automatic bleeder vents shall be closed at all times except when the roof is floated off or landed on the roof leg supports; and the rim vents, if present, shall be set to open or at the manufacturer's recommended setting when the roof is being floated off the roof leg supports; and
    - c. all openings, except stub drains, shall be equipped with a cover, seal, or lid which is to be in a closed position at all times, except when in actual use for tank gauging or sampling.
  - (2) The permittee shall equip and maintain the storage vessel according to the following provisions:
    - a. the storage vessel shall have a fixed roof with an internal floating type cover equipped with a continuous closure device between the tank wall and the cover edge;
    - b. the cover is to be floating at all times, (i.e., off the leg supports) except during initial fill and when the tank is completely emptied and subsequently refilled;
    - c. the process of emptying and refilling when the cover is resting on the leg supports shall be continuous and shall be accomplished as rapidly as possible;
    - d. each opening in the cover, except for the automatic bleeder vents and the rim space vents, is to provide a projection below the liquid surface;
    - e. each opening in the cover, except for the automatic bleeder vents, rim space vents, stub drains, and leg sleeves is to be equipped with a cover, seal, or lid which is to be maintained in a closed position at all times (i.e., no visible gap) except when the device is in actual use;
    - f. automatic bleeder vents are to be closed at all times when the cover is floating except when the cover is being floated off or is being landed on the leg supports; and
    - g. rim space vents are to be set to open only when the cover is being floated off the leg supports or at the manufacturer's recommended setting.

d) Monitoring and/or Recordkeeping Requirements

- (1) The permittee shall maintain records of the following information for the tank:
  - a. the types of petroleum liquids stored in the tank;
  - b. the maximum true vapor pressure (in pounds per square inch absolute), as stored, of each petroleum liquid that has a maximum true vapor pressure greater than 1.0 pound per square inch absolute;
  - c. the permittee shall maintain a record of any period of time in which the automatic bleeder vents, rim vents, and all openings other than stub drains were not maintained as required in this permit;
  - d. the period of storage of the stored product; and
  - e. a statement ensuring that all gasoline transferred out of this emissions unit was transferred through the loading rack (emissions unit J002) or transferred between other on-site storage tanks.
- (2) The permittee shall maintain monthly records of the updated rolling, 12-month summation of the actual VOC emissions from working losses and breathing losses, in tons, for each month. This shall include the information for the current month and the preceding eleven months. The permittee shall demonstrate compliance by calculating the actual working losses and breathing losses using an emissions estimating software based on equations developed by the American Petroleum Institute documented in AP-42, Section 7.1, Organic Liquid Storage Tanks.

e) Reporting Requirements

- (1) Unless other arrangements have been approved by the Director, all notifications and reports shall be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal.
- (2) Annual Permit Evaluation Report (PER) forms will be mailed to the permittee at the end of the reporting period specified in the Authorization section of this permit. The permittee shall submit the PER in the form and manner provided by the director by the due date identified in the Authorization section of this permit. The permit evaluation report shall cover a reporting period of no more than twelve-months for each air contaminant source identified in this permit.
- (3) The permittee shall notify the Southwest Ohio Air Quality Agency within 30 days of the occurrence, of any period of time in which the automatic bleeder vents, rim vents, and all openings other than stub drains were not maintained as required in this permit.
- (4) The permittee shall submit semi-annual deviation (excursion) reports which identify all exceedances of the rolling, 12-month VOC emissions limitation outlined in b)(1). If no deviations occurred during the reporting period, the permittee shall state so in the report.

The permittee shall submit such reports to the Southwest Ohio Air Quality Agency by February 15 and August 15 of each year and shall address the data obtained during the previous six-month calendar period (July to December and January to June, respectively).

f) Testing Requirements

(1) Compliance with the Emissions Limitations and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:

a. Emissions Limitation:

Volatile Organic Compound (VOC) emissions from working losses and breathing losses shall not exceed 15.70 TPY, based on a rolling, 12-month summation.

Applicable Compliance Method:

Compliance with the emissions limitation shall be demonstrated by calculating the total emissions losses using an emissions estimating software based on equations developed by the American Petroleum Institute documented in AP-42, Section 7.1, Organic Liquid Storage Tanks.

(2) Compliance with the limitation in term and condition b)(2)a. shall be demonstrated by the record keeping requirements of Section d)(1).

g) Miscellaneous Requirements

(1) None.

**3. T007, Tank 67-7**

**Operations, Property and/or Equipment Description:**

Tank 67-7. 2.6 million gallon Internal Floating Roof (IFR) tank storing gasoline with mechanical shoe primary seal

a) This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

(1) For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.

a. None.

(2) For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.

a. b)(1)a., d)(2), e)(4) and f)(1)a.

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(D) Synthetic Minor to Avoid Non-Attainment New Source Review and Title V	Volatile Organic Compound (VOC) emissions from working losses and breathing losses shall not exceed 8.60 tons per year (TPY) based on a rolling, 12-month summation.
b.	OAC rule 3745-21-09(L)(1)	See c)(1).
c.	40 CFR Part 60, Subpart Ka	See b)(2)a., b)(2)b. and c)(2).

(2) Additional Terms and Conditions

a. The owner or operator of this storage vessel to which 40 CFR Part 60 Subpart Ka applies which contains a petroleum liquid which, as stored, has a true vapor pressure equal to or greater than 10.3 kPa (1.5 psia) but not greater than 76.6 kPa (11.1 psia) shall equip this storage vessel as outlined in the operational restriction in term and condition c)(2).

- b. The application and enforcement of the provisions of the New Source Performance Standards (NSPS), as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60, are delegated to the Ohio Environmental Protection Agency. The requirements of 40 CFR Part 60 are also federally enforceable.
- c) Operational Restrictions
- (1) The permittee shall install the following control equipment and shall maintain tank vents, seals, and or covers as follows:
    - a. the fixed roof storage tank shall be equipped with an internal floating roof;
    - b. the automatic bleeder vents shall be closed at all times except when the roof is floated off or landed on the roof leg supports; and the rim vents, if present, shall be set to open or at the manufacturer's recommended setting when the roof is being floated off the roof leg supports; and
    - c. all openings, except stub drains, shall be equipped with a cover, seal, or lid which is to be in a closed position at all times, except when in actual use for tank gauging or sampling.
  - (2) The permittee shall equip and maintain the storage vessel according to the following provisions:
    - a. the storage vessel shall have a fixed roof with an internal floating type cover equipped with a continuous closure device between the tank wall and the cover edge;
    - b. the cover is to be floating at all times, (i.e., off the leg supports) except during initial fill and when the tank is completely emptied and subsequently refilled;
    - c. the process of emptying and refilling when the cover is resting on the leg supports shall be continuous and shall be accomplished as rapidly as possible;
    - d. each opening in the cover, except for the automatic bleeder vents and the rim space vents, is to provide a projection below the liquid surface;
    - e. each opening in the cover, except for the automatic bleeder vents, rim space vents, stub drains, and leg sleeves is to be equipped with a cover, seal, or lid which is to be maintained in a closed position at all times (i.e., no visible gap) except when the device is in actual use;
    - f. automatic bleeder vents are to be closed at all times when the cover is floating except when the cover is being floated off or is being landed on the leg supports; and
    - g. rim space vents are to be set to open only when the cover is being floated off the leg supports or at the manufacturer's recommended setting.

d) Monitoring and/or Recordkeeping Requirements

- (1) The permittee shall maintain records of the following information for the tank:
  - a. the types of petroleum liquids stored in the tank;
  - b. the maximum true vapor pressure (in pounds per square inch absolute), as stored, of each petroleum liquid that has a maximum true vapor pressure greater than 1.0 pound per square inch absolute;
  - c. the permittee shall maintain a record of any period of time in which the automatic bleeder vents, rim vents, and all openings other than stub drains were not maintained as required in this permit;
  - d. the period of storage of the stored product; and
  - e. a statement ensuring that all gasoline transferred out of this emissions unit was transferred through the loading rack (emissions unit J002) or transferred between other on-site storage tanks.
- (2) The permittee shall maintain monthly records of the updated rolling, 12-month summation of the actual VOC emissions from working losses and breathing losses, in tons, for each month. This shall include the information for the current month and the preceding eleven months. The permittee shall demonstrate compliance by calculating the actual working losses and breathing losses using an emissions estimating software based on equations developed by the American Petroleum Institute documented in AP-42, Section 7.1, Organic Liquid Storage Tanks.

e) Reporting Requirements

- (1) Unless other arrangements have been approved by the Director, all notifications and reports shall be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal.
- (2) Annual Permit Evaluation Report (PER) forms will be mailed to the permittee at the end of the reporting period specified in the Authorization section of this permit. The permittee shall submit the PER in the form and manner provided by the director by the due date identified in the Authorization section of this permit. The permit evaluation report shall cover a reporting period of no more than twelve-months for each air contaminant source identified in this permit.
- (3) The permittee shall notify the Southwest Ohio Air Quality Agency within 30 days of the occurrence, of any period of time in which the automatic bleeder vents, rim vents, and all openings other than stub drains were not maintained as required in this permit.
- (4) The permittee shall submit semi-annual deviation (excursion) reports which identify all exceedances of the rolling, 12-month VOC emissions limitation outlined in b)(1). If no deviations occurred during the reporting period, the permittee shall state so in the report.

The permittee shall submit such reports to the Southwest Ohio Air Quality Agency by February 15 and August 15 of each year and shall address the data obtained during the previous six-month calendar period (July to December and January to June, respectively).

f) Testing Requirements

(1) Compliance with the Emissions Limitations and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:

a. Emissions Limitation:

Volatile Organic Compound (VOC) emissions from working losses and breathing losses shall not exceed 8.60 TPY, based on a rolling, 12-month summation.

Applicable Compliance Method:

Compliance with the emissions limitation shall be demonstrated by calculating the total emissions losses using an emissions estimating software based on equations developed by the American Petroleum Institute documented in AP-42, Section 7.1, Organic Liquid Storage Tanks.

(2) Compliance with the limitation in term and condition b)(2)a. shall be demonstrated by the record keeping requirements of d)(1).

g) Miscellaneous Requirements

(1) None.

**4. T008, Tank 55-8**

**Operations, Property and/or Equipment Description:**

Tank 55-8. 2.2 million gallon Internal Floating Roof (IFR) tank storing gasoline with mechanical shoe seal primary seal

a) This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

(1) For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.

a. None.

(2) For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.

a. b)(1)a., d)(2), e)(4) and f)(1)a.

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(D) Synthetic Minor to Avoid Non-Attainment New Source Review and Title V	Volatile Organic Compound (VOC) emissions from working losses and breathing losses shall not exceed 7.80 tons per year (TPY) based on a rolling, 12-month summation.
b.	OAC rule 3745-21-09(L)(1)	See c)(1).
c.	40 CFR Part 60, Subpart Ka	See b)(2)a., b)(2)b. and c)(2).

(2) Additional Terms and Conditions

a. The owner or operator of this storage vessel to which 40 CFR Part 60 Subpart Ka applies which contains a petroleum liquid which, as stored, has a true vapor pressure equal to or greater than 10.3 kPa (1.5 psia) but not greater than 76.6 kPa (11.1 psia) shall equip this storage vessel as outlined in the operational restriction in term and condition c)(2).

- b. The application and enforcement of the provisions of the New Source Performance Standards (NSPS), as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60, are delegated to the Ohio Environmental Protection Agency. The requirements of 40 CFR Part 60 are also federally enforceable.
- c) Operational Restrictions
- (1) The permittee shall install the following control equipment and shall maintain tank vents, seals, and or covers as follows:
    - a. the fixed roof storage tank shall be equipped with an internal floating roof;
    - b. the automatic bleeder vents shall be closed at all times except when the roof is floated off or landed on the roof leg supports; and the rim vents, if present, shall be set to open or at the manufacturer's recommended setting when the roof is being floated off the roof leg supports; and
    - c. all openings, except stub drains, shall be equipped with a cover, seal, or lid which is to be in a closed position at all times, except when in actual use for tank gauging or sampling.
  - (2) The permittee shall equip and maintain the storage vessel according to the following provisions:
    - a. the storage vessel shall have a fixed roof with an internal floating type cover equipped with a continuous closure device between the tank wall and the cover edge;
    - b. the cover is to be floating at all times, (i.e., off the leg supports) except during initial fill and when the tank is completely emptied and subsequently refilled;
    - c. the process of emptying and refilling when the cover is resting on the leg supports shall be continuous and shall be accomplished as rapidly as possible;
    - d. each opening in the cover, except for the automatic bleeder vents and the rim space vents, is to provide a projection below the liquid surface;
    - e. each opening in the cover, except for the automatic bleeder vents, rim space vents, stub drains, and leg sleeves is to be equipped with a cover, seal, or lid which is to be maintained in a closed position at all times (i.e., no visible gap) except when the device is in actual use;
    - f. automatic bleeder vents are to be closed at all times when the cover is floating except when the cover is being floated off or is being landed on the leg supports; and
    - g. rim space vents are to be set to open only when the cover is being floated off the leg supports or at the manufacturer's recommended setting.

d) Monitoring and/or Recordkeeping Requirements

- (1) The permittee shall maintain records of the following information for the tank:
  - a. the types of petroleum liquids stored in the tank;
  - b. the maximum true vapor pressure (in pounds per square inch absolute), as stored, of each petroleum liquid that has a maximum true vapor pressure greater than 1.0 pound per square inch absolute;
  - c. the permittee shall maintain a record of any period of time in which the automatic bleeder vents, rim vents, and all openings other than stub drains were not maintained as required in this permit;
  - d. the period of storage of the stored product; and
  - e. a statement ensuring that all gasoline transferred out of this emissions unit was transferred through the loading rack (emissions unit J002) or transferred between other on-site storage tanks.
- (2) The permittee shall maintain monthly records of the updated rolling, 12-month summation of the actual VOC emissions from working losses and breathing losses, in tons, for each month. This shall include the information for the current month and the preceding eleven months. The permittee shall demonstrate compliance by calculating the actual working losses and breathing losses using an emissions estimating software based on equations developed by the American Petroleum Institute documented in AP-42, Section 7.1, Organic Liquid Storage Tanks.

e) Reporting Requirements

- (1) Unless other arrangements have been approved by the Director, all notifications and reports shall be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal.
- (2) Annual Permit Evaluation Report (PER) forms will be mailed to the permittee at the end of the reporting period specified in the Authorization section of this permit. The permittee shall submit the PER in the form and manner provided by the director by the due date identified in the Authorization section of this permit. The permit evaluation report shall cover a reporting period of no more than twelve-months for each air contaminant source identified in this permit.
- (3) The permittee shall notify the Southwest Ohio Air Quality Agency within 30 days of the occurrence, of any period of time in which the automatic bleeder vents, rim vents, and all openings other than stub drains were not maintained as required in this permit.

- (4) The permittee shall submit semi-annual deviation (excursion) reports which identify all exceedances of the rolling, 12-month VOC emissions limitation outlined in b)(1). If no deviations occurred during the reporting period, the permittee shall state so in the report. The permittee shall submit such reports to the Southwest Ohio Air Quality Agency by February 15 and August 15 of each year and shall address the data obtained during the previous six-month calendar period (July to December and January to June, respectively).

f) Testing Requirements

- (1) Compliance with the Emissions Limitations and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:

- a. Emissions Limitation:

Volatile Organic Compound (VOC) emissions from working losses and breathing losses shall not exceed 7.80 TPY, based on a rolling, 12-month summation.

Applicable Compliance Method:

Compliance with the emissions limitation shall be demonstrated by calculating the total emissions losses using an emissions estimating software based on equations developed by the American Petroleum Institute documented in AP-42, Section 7.1, Organic Liquid Storage Tanks.

- (2) Compliance with the limitation in term and condition b)(2)a. shall be demonstrated by the record keeping requirements of d)(1).

g) Miscellaneous Requirements

- (1) None.

**5. Emissions Unit Group -T001 T004: T001,T004,**

EU ID	Operations, Property and/or Equipment Description
T001	Internal floating roof storage tank 80-1
T004	Internal floating roof storage tank 67-4

- a) This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).
- (1) For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
- a. None.
- (2) For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
- a. None.
- b) Applicable Emissions Limitations and/or Control Requirements
- (1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3)(a) as effective 11/30/01	Volatile Organic Compound (VOC) Emissions from emissions unit T001 shall not exceed 7.11 TPY.  Volatile Organic Compound (VOC) Emissions from emissions unit T004 shall not exceed 6.53 TPY.  See b)(2)a.
b.	OAC rule 3745-31-05(A)(3) As effective 12/1/06	See b)(2)b.
c.	40 CFR Part 60 Subpart Kb	See b)(2)c. and c)(1).
d.	OAC rule 3745-21-09(L)  (when petroleum liquids are stored)	The requirements established pursuant to this rule are equivalent to the requirements of 40 CFR Part 60, Subpart Kb.

(2) Additional Terms and Conditions

- a. The permittee has satisfied the Best Available Technology (BAT) requirements pursuant to Ohio Administrative Code (OAC) paragraph 3745-31-05(A)(3), as effective November 30, 2001, in this permit. On December 1, 2006, paragraph (A)(3) of OAC rule 3745-31-05 was revised to conform to the Ohio Revised Code (ORC) changes effective August 3, 2006 (Senate Bill 265 changes), such that BAT is no longer required by State regulations for National Ambient Air Quality Standards (NAAQS) pollutant(s) less than ten tons per year. However, that rule revision has not yet been approved by U.S. EPA as a revision to Ohio's State Implementation Plan (SIP). Therefore, until the SIP revision occurs and the U.S. EPA approves the revisions to OAC rule 3745-31-05, the requirement to satisfy BAT still exists as part of the federally-approved SIP for Ohio. Once U.S. EPA approves the December 1, 2006 version of OAC rule 3745-31-05, then these emission limitations/control measures no longer apply.
- b. This rule paragraph applies once U.S. EPA approves the December 1, 2006 version of OAC rule 3745-31-05 as part of the State Implementation Plan.

The Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3) do not apply to the VOC emissions from this air contaminant source because the calculated annual emission rate for VOC is each less than 10 tons/year.

- c. The application and enforcement of the provisions of the New Source Performance Standards (NSPS), as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60, are delegated to the Ohio Environmental Protection Agency. The requirements of 40 CFR Part 60 are also federally enforceable.

c) Operational Restrictions

- (1) The permittee shall equip the storage vessel with a fixed roof in combination with an internal floating roof meeting the following specifications:
  - a. The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal floating roof shall be floating on the liquid surface at all times, except during initial fill and during those intervals when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible.
  - b. Each internal floating roof shall be equipped with one of the following closure devices between the wall of the storage vessel and the edge of the internal floating roof:

- i. A foam- or liquid-filled seal mounted in contact with the liquid (liquid-mounted seal). A liquid-mounted seal means a foam- or liquid-filled seal mounted in contact with the liquid between the wall of the storage vessel and the floating roof continuously around the circumference of the tank.
  - ii. Two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the internal floating roof. The lower seal may be vapor-mounted, but both must be continuous
  - iii. A mechanical shoe seal. A mechanical shoe seal is a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and is connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof.
- c. Each opening in a noncontact internal floating roof except for automatic bleeder vents (vacuum breaker vents) and the rim space vents is to provide a projection below the liquid surface.
  - d. Each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains is to be equipped with a cover or lid which is to be maintained in a closed position at all times (i.e., no visible gap) except when the device is in actual use. The cover or lid shall be equipped with a gasket. Covers on each access hatch and automatic gauge float well shall be bolted except when they are in use.
  - e. Automatic bleeder vents shall be equipped with a gasket and are to be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports.
  - f. Rim space vents shall be equipped with a gasket and are to be set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting.
  - g. Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The sample well shall have a slit fabric cover that covers at least 90 percent of the opening.
  - h. Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover.
  - i. Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover.

d) Monitoring and/or Recordkeeping Requirements

- (1) The permittee, as specified in 40 CFR 60.116b(b), shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel.
- (2) The permittee shall maintain monthly records of the following information:
  - a. The identification and type of each material liquid stored in this emissions unit.
  - b. The maximum true vapor pressure, in psia, as stored, of each material.
  - c. The density of the material stored, in pounds per gallon.
  - d. The total throughput of each material, in gallons.
- (3) The permittee shall maintain monthly records of the total emissions of VOC, in tons for this emissions unit.

e) Reporting Requirements

- (1) Unless other arrangements have been approved by the Director, all notifications and reports shall be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal.
- (2) Annual Permit Evaluation Report (PER) forms will be mailed to the permittee at the end of the reporting period specified in the Authorization section of this permit. The permittee shall submit the PER in the form and manner provided by the director by the due date identified in the Authorization section of this permit. The permit evaluation report shall cover a reporting period of no more than twelve-months for each air contaminant source identified in this permit.
- (3) After installing control equipment in accordance with 40 CFR 60.112b(a)(1) (fixed roof and internal floating roof), the permittee shall meet the following reporting requirements:
  - a. Furnish the Administrator with a report that describes the control equipment and certifies that the control equipment meets the specifications of 40 CFR 60.112b(a)(1) and 40 CFR 60.113b(a)(1). This report shall be an attachment to the notification required by 40 CFR 60.7(a)(3).
  - b. 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).
  - c. 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 Administrator 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.

- d. 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)(ii), a report shall be furnished to the Administrator 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 61.112b(a)(1) or 40 CFR 60.113b(a)(3) and list each repair made.
- (4) Pursuant to the NSPS, the source owner/operator is hereby advised of the requirement to report the following at the appropriate times:
- a. Construction date (no later than 30 days after such date);
  - b. Actual start-up date (within 15 days after such date), including a description of each affected emissions unit, equipment manufacturer, and serial number of the equipment if available; and
  - c. Date of performance testing (if required, at least 30 days prior to testing).

Reports are to be sent to:

Southwest Ohio Air Quality Agency  
250 William Howard Taft Road  
Cincinnati, Ohio 45219

f) Testing Requirements

- (1) Compliance with the Emissions Limitations and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:
- a. Emissions Limitations:  
  
Volatile Organic Compound (VOC) Emissions from emissions unit T001 shall not exceed 7.11 TPY.  
  
Volatile Organic Compound (VOC) Emissions from emissions unit T004 shall not exceed 6.53 TPY.  
  
Applicable Compliance Method:  
  
Compliance with the emissions limitation shall be demonstrated by calculating the total emissions losses using the Tanks 4.0.9d emissions estimating software or other appropriate software based on equations developed by the American Petroleum Institute documented in AP-42, Section 7.1, Organic Liquid Storage Tanks.
- (2) After installing the control equipment required to meet 40 CFR 60.112b(a)(1) (permanently affixed roof and internal floating roof), each owner or operator shall:

- a. 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 VOL (volatile organic liquid). 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 owner or operator shall repair the items before filling the storage vessel.
- b. 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 owner or operator 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 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.
- c. For vessels equipped with a double-seal system as specified in 40 CFR 60.112b(a)(1)(ii)(B):
  - i. Visually inspect the vessel as specified in paragraph (a)(4) of 40 CFR 60.113b at least every 5 years; or
  - ii. Visually inspect the vessel as specified in paragraph (a)(2) of 40 CFR 60.113b.
- d. 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 owner or operator 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 paragraphs (a)(2) and (a)(3)(ii) of 40 CFR 60.113b and at intervals no greater than 5 years in the case of vessels specified in paragraph (a)(3)(i) of 40 CFR 60.113b.
- e. 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 paragraphs (a)(1) and (a)(4) of 40 CFR 60.113b to afford the Administrator the opportunity to have an observer present. If the inspection required by paragraph (a)(4) of 40 CFR

60.113b is not planned and the owner or operator could not have known about the inspection 30 days in advance of refilling the tank, the owner or operator 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.

g) Miscellaneous Requirements

- (1) None.

**6. Emissions Unit Group -T002 T005: T002,T005,**

EU ID	Operations, Property and/or Equipment Description
T002	416,472 gallon IFR storage tank for transmix (diesel/gasoline) assuming all product stored is gasoline
T005	2,310,000 gallon IFR storage tank for gasoline/ethanol

a) This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

(1) For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.

a. None.

(2) For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.

a. None.

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3)	The requirements established pursuant to this rule are equivalent to the requirements of OAC rule 3745-21-09(L) and 40 CFR Part 60, Subpart Ka.
b.	OAC rule 3745-21-09(L)	See c)(1), d)(1), d)(2), and e)(3).
c.	40 CFR Part 60, Subpart Ka (§60.110a - §60.115a)  [In accordance with 40 CFR 60.110a(a), this emissions unit is a storage vessel with a storage capacity greater than 40,000 gallons that is used to store petroleum liquids for which construction commenced after May 18, 1978 and prior to July 23, 1984.]	See c)(2) and d)(3).

- (2) Additional Terms and Conditions
  - a. None.
- c) Operational Restrictions
  - (1) The permittee shall install the following control equipment and shall maintain tank vents, seals, and or covers as follows:
    - a. The fixed roof storage tank shall be equipped with an internal floating roof.
    - b. The automatic bleeder vents shall be closed at all times except when the roof is floated off or landed on the roof leg supports.
    - c. The rim vents, if present, shall be set to open or at the manufacturer's recommended setting when the roof is being floated off the roof leg supports.
    - d. All openings, except stub drains, shall be equipped with a cover, seal, or lid which is to be in a closed position at all times except when in actual use for tank gauging or sampling.
  - (2) The permittee shall comply with the applicable restrictions required under 40 CFR Part 60, Subpart Kb, including the following section:  
§60.112a(a)(2) design and operating requirements
- d) Monitoring and/or Recordkeeping Requirements
  - (1) The permittee shall maintain records of the following information for the fixed roof tank:
    - a. the types of petroleum liquids stored in the tank; and
    - b. the maximum true vapor pressure (in pounds per square inch absolute), as stored, of each petroleum liquid that has a maximum true vapor pressure greater than 1.0 pound per square inch absolute.

These records shall be maintained for at least 5 years and shall be made available to the Director or his representative upon verbal or written request.
  - (2) The permittee shall maintain a record of any period of time in which the automatic bleeder vents, rim vents, and all openings other than stub drains were not maintained as required in this permit and per the rules.
  - (3) The permittee shall comply with the applicable restrictions required under 40 CFR Part 60, Subpart Kb, including the following sections:  
§60.115a(a) & (b) stored liquid and vapor pressure records

e) Reporting Requirements

- (1) Unless other arrangements have been approved by the Director, all notifications and reports shall be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal.
- (2) Annual Permit Evaluation Report (PER) forms will be mailed to the permittee at the end of the reporting period specified in the Authorization section of this permit. The permittee shall submit the PER in the form and manner provided by the director by the due date identified in the Authorization section of this permit. The permit evaluation report shall cover a reporting period of no more than twelve-months for each air contaminant source identified in this permit.
- (3) The permittee shall notify the Southwest Ohio Air Quality Agency within 30 days of the occurrence, of any period of time in which the automatic bleeder vents, rim vents, and all openings other than stub drains were not maintained as required in this permit.

f) Testing Requirements

- (1) Compliance with the Emissions Limitations and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:

a. Control Measures:

Control measures pursuant to OAC rule 3745-21-09(L) in c)(1) and control measures pursuant to 40 CFR Part 60, Subpart Ka in c)(2).

Applicable Compliance Method:

If required, compliance with the control measures may be demonstrated by reviewing the permittee's records of the design of the tank including drawing and blueprints, records of any inspection(s) of the tank, and records of maintenance activities performed on the tank.

g) Miscellaneous Requirements

- (1) None.