



John R. Kasich, Governor
Mary Taylor, Lt. Governor
Craig W. Butler, Director

5/24/2016

Greg Moore
MPLX Terminals LLC - Marietta Terminal
539 South Main Street
TT&R - HES&S
Findlay, OH 45840

RE: FINALAIR POLLUTION PERMIT-TO-INSTALL AND OPERATE
Facility ID: 0684010100
Permit Number: P0120745
Permit Type: Administrative Modification
County: Washington

Certified Mail

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

Dear Permit Holder:

Enclosed please find a final Ohio Environmental Protection Agency (EPA) 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. In this letter you will find the information on the following topics:

- **How to appeal this permit**
- **How to save money, reduce pollution and reduce energy consumption**
- **How to give us feedback on your permitting experience**
- **How to get an electronic copy of your permit**
- **What should you do if you notice a spill or environmental emergency?**

How to appeal this permit

The issuance of this PTIO 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
77 South High Street, 17th Floor
Columbus, OH 43215

How to save money, reduce pollution and reduce energy consumption

The Ohio EPA is encouraging companies to investigate pollution prevention and energy conservation. Not only will this reduce pollution and energy consumption, but it can also save you money. If you would like to learn ways you can save money while protecting the environment, please contact our Office of Compliance Assistance and Pollution Prevention at (614) 644-3469. Additionally, all or a portion of the capital expenditures related to installing air pollution control equipment under this permit may be eligible for financing and State tax exemptions through the Ohio Air Quality Development Authority (OAQDA) under Ohio Revised Code Section 3706. For more information, see the OAQDA website: www.ohioairquality.org/clean_air

How to give us feedback on your permitting experience

Please complete a survey at www.epa.ohio.gov/survey.aspx and give us feedback on your permitting experience. We value your opinion.

How to get an electronic copy of your permit

This permit can be accessed electronically via the eBusiness Center: Air Services in Microsoft Word format or in Adobe PDF on the Division of Air Pollution Control (DAPC) Web page, www.epa.ohio.gov/dapc by clicking the "Search for Permits" link under the Permitting topic on the Programs tab.

What should you do if you notice a spill or environmental emergency?

Any spill or environmental emergency which may endanger human health or the environment should be reported to the Emergency Response 24-HOUR EMERGENCY SPILL HOTLINE toll-free at (800) 282-9378. Report non-emergency complaints to the appropriate district office or local air agency.

If you have any questions regarding your permit, please contact Ohio EPA DAPC, Southeast District Office at (740)385-8501 or the Office of Compliance Assistance and Pollution Prevention at (614) 644-3469.

Sincerely,



Michael E. Hopkins, P.E.
Assistant Chief, Permitting Section, DAPC

Cc: Ohio EPA-SEDO



FINAL

**Division of Air Pollution Control
Permit-to-Install and Operate
for
MPLX Terminals LLC - Marietta Terminal**

| | |
|----------------|-----------------------------|
| Facility ID: | 0684010100 |
| Permit Number: | P0120745 |
| Permit Type: | Administrative Modification |
| Issued: | 5/24/2016 |
| Effective: | 5/24/2016 |
| Expiration: | 8/7/2023 |



Division of Air Pollution Control
Permit-to-Install and Operate
for
MPLX Terminals LLC - Marietta Terminal

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Final Permit-to-Install and Operate
MPLX Terminals LLC - Marietta Terminal
Permit Number: P0120745
Facility ID: 0684010100
Effective Date: 5/24/2016

Authorization

Facility ID: 0684010100
Application Number(s): M0003951
Permit Number: P0120745
Permit Description: Administrative modification for J001 to update the description to reference a 12-arm loading rack instead of a 10-arm loading rack and to correct the emissions testing requirements that currently extend past the expiration date of the PTIO.
Permit Type: Administrative Modification
Permit Fee: \$100.00
Issue Date: 5/24/2016
Effective Date: 5/24/2016
Expiration Date: 8/7/2023
Permit Evaluation Report (PER) Annual Date: Jan 1 - Dec 31, Due Feb 15

This document constitutes issuance to:

MPLX Terminals LLC - Marietta Terminal
655 River Lane
Marietta, OH 45750

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

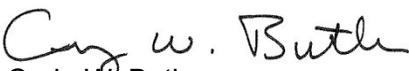
Ohio Environmental Protection Agency (EPA) District Office or local air agency responsible for processing and administering your permit:

Ohio EPA DAPC, Southeast District Office
2195 Front Street
Logan, OH 43138
(740)385-8501

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


Craig W. Butler
Director



Authorization (continued)

Permit Number: P0120745

Permit Description: Administrative modification for J001 to update the description to reference a 12-arm loading rack instead of a 10-arm loading rack and to correct the emissions testing requirements that currently extend past the expiration date of the PTIO.

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

| | |
|-----------------------------------|-------------------------|
| Emissions Unit ID: | J001 |
| Company Equipment ID: | Loadrack |
| Superseded Permit Number: | P0091052 |
| General Permit Category and Type: | Not Applicable |
| Emissions Unit ID: | J101 |
| Company Equipment ID: | Distillate Loading Rack |
| Superseded Permit Number: | P0091052 |
| General Permit Category and Type: | Not Applicable |
| Emissions Unit ID: | T001 |
| Company Equipment ID: | Tank 451 |
| Superseded Permit Number: | P0091052 |
| General Permit Category and Type: | Not Applicable |
| Emissions Unit ID: | T002 |
| Company Equipment ID: | Tank 452 |
| Superseded Permit Number: | P0091052 |
| General Permit Category and Type: | Not Applicable |
| Emissions Unit ID: | T008 |
| Company Equipment ID: | Tank 460 |
| Superseded Permit Number: | P0091052 |
| General Permit Category and Type: | Not Applicable |



Final Permit-to-Install and Operate
MPLX Terminals LLC - Marietta Terminal
Permit Number: P0120745
Facility ID: 0684010100
Effective Date: 5/24/2016

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. For facilities that are permitted as synthetic minor sources, the fee schedule is adjusted annually for inflation. 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 of this permit 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 [DO/LAA] 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 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 emission 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.

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.



Final Permit-to-Install and Operate
MPLX Terminals LLC - Marietta Terminal
Permit Number: P0120745
Facility ID: 0684010100
Effective Date: 5/24/2016

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 is subject to the requirements of 40 CFR Part 63 Subpart BBBB, the National Emission Standards for Hazardous Air Pollutants (NESHAP) for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities (Area Sources). At this time the Ohio EPA is not accepting the delegating authority to enforce NESHAP standards for area sources. The requirements of this rule, that are applicable to the area source(s) (for hazardous air pollutants) identified in this permit, shall be enforceable by U.S. EPA. Region 5. The complete requirements of this rule (including the Part 63 General Provisions) may be accessed via the Internet from the Electronic code of Federal Regulations (e-CFR) website <http://www.ecfr.gov/> or by contacting the appropriate Ohio EPA District Office or Local Air Agency.
3. Emissions unit T008 contained in this permit is subject to 40 CFR Part 60, Subpart Ka. Emissions unit T002 contained in this permit is subject to 40 CFR Part 60, Subpart Kb. Emissions unit J001 contained in this permit is subject to 40 CFR Part 60, Subpart XX. The complete NSPS requirements, including the NSPS General Provisions, may be accessed via the internet from the Electronic Code of Federal Regulation (e-CFR) website <http://ecfr.gpoaccess.gov> or by contacting the appropriate Ohio EPA District office or local air agency.



Final Permit-to-Install and Operate
MPLX Terminals LLC - Marietta Terminal
Permit Number: P0120745
Facility ID: 0684010100
Effective Date: 5/24/2016

C. Emissions Unit Terms and Conditions

1. J001, Loading rack

Operations, Property and/or Equipment Description:

12-arm loading rack for the load-out of gasoline, ethanol, and distillate fuel from storage tanks to tanker trucks controlled with primary (John Zink 9/01) and backup (John Zink 8/81) vapor collection and control systems for VOC emissions and a maximum annual throughput of 386.8 million gallons.

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) | VOC emissions shall not exceed 35 mg/l of liquid loaded and 37.33 tons per year. |
| b. | OAC rule 3745-21-09(Q) | The emissions limitation specified by this rule (0.67 lb VOC/1,000 gallons of gasoline loaded or 80 mg/l) is less stringent than the emissions limitation specified in 40 CFR Part 63, Subpart XX. See c)(1)-(6) below. |

| | Applicable Rules/Requirements | Applicable Emissions Limitations/Control Measures |
|----|--|---|
| c. | 40 CFR Part 60, Subpart XX (40 CFR 60.500 – 60.506) [In accordance with 40 CFR 60.500(a) and (b), this emissions unit is a loading rack at a bulk gasoline terminal delivering liquid product into gasoline tank trucks and modified after December 17, 1980 subject to the emissions limitations/control requirements specified in this section.] | Total organic compound (TOC) emissions to the atmosphere from the vapor collection system due to the loading of liquid product into gasoline tank trucks shall not exceed 35 milligrams per liter of gasoline loaded. [40 CFR 60.502(b)] See b)(2)a. below. |
| d. | 40 CFR 60.1 – 60.19 | Subpart A – General Provisions |

(2) Additional Terms and Conditions

- a. The owner or operator of each bulk gasoline terminal containing an affected facility shall comply with the requirements of 40 CFR 60.502 within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup of such facility, and thereafter.

c) Operational Restrictions

- (1) 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.
- (2) 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;
 - b. the mass emissions of VOC from the vapor control system do not exceed 0.67 pound of VOC per 1,000 gallons (80 milligrams of VOC per liter) of gasoline loaded into the delivery vessel; and
 - c. 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.

- (3) 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.
- (4) All gasoline loading lines and vapor lines shall be equipped with fittings which are vapor tight.
- (5) The permittee shall not permit gasoline to be spilled, discarded into sewers, stored in open containers, or handled in any other manner that would result in evaporation.
- (6) 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 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 under paragraph (K) of OAC rule 3745-21-10.
- (7) The permittee shall comply with the applicable restrictions required under 40 CFR Part 60, Subpart XX, including the following sections:

| | |
|-----------|--|
| 60.502(a) | Equip each loading rack with a vapor collection system designed to collect the total organic vapors displaced from tank trucks during product loading. |
| 60.502(d) | Design each vapor collection system to prevent TOCs collected at one loading rack from passing to another loading rack. |
| 60.502(e) | Load liquid product only into gasoline trucks that are vapor tight using the procedures in 60.502(e)(1)-(6). |
| 60.502(f) | Ensure gasoline is loaded into trucks equipped with vapor collection equipment compatible with the terminal's vapor collection system. |
| 60.502(g) | Ensure that the terminal's and tank truck's vapor collection systems are connected during each loading of a gasoline truck. |
| 60.502(h) | Design and operate the vapor collection and liquid loading equipment to prevent gauge pressure in the delivery tank from exceeding 4,500 pascals (450 mm of water) during product loading. |
| 60.502(i) | Ensure no pressure-vacuum vent in the terminal's vapor collection system begins to open at a system pressure less than 4,500 pascals (450 mm of water). |

d) **Monitoring and/or Recordkeeping Requirements**

- (1) The permittee shall properly install, operate, and maintain equipment to monitor the pressure in the vapor collection system, while the emissions unit is in operation, to demonstrate compliance with the pressure range established in OAC rule 3745-21-09(Q)(1)(a)(ii). The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s).

- (2) The permittee shall maintain a record of each leak meeting the criteria in c)(6) that is not repaired within the 15 days.
- (3) The permittee shall comply with the applicable monitoring and recordkeeping requirements required under 40 CFR Part 60, Subpart XX, including the following sections:

| | |
|-------------------------|---|
| 60.502(j) and 60.505(c) | Inspect the vapor collection system, the vapor processing system, and each loading rack each calendar month during the loading of gasoline tank trucks for TOC liquid or vapor leaks. Each leak detected shall be recorded and the source of the leak repaired within 15 calendar days of detection. Maintain monthly leak inspection records on file at the terminal for at least two years. |
| 60.503(d)(1) | Install and calibrate a pressure measurement device capable of measuring up to 500 mm of water gauge pressure with ± 2.5 mm of water precision on the terminal's vapor collection system at a pressure tap located as close as possible to the connection with the gasoline tank truck. |
| 60.505(a) | Maintain tank truck vapor tightness documentation on file at the terminal in a permanent form available for inspection. |
| 60.505(b) | Update the documentation file for each gasoline tank truck at least once per year to reflect current test results. |
| 60.505(d) | Maintain documentation of all notifications required under 60.502(e)(4) on file at the terminal for at least two years. |
| 60.505(e) | If applicable, comply with the alternate recordkeeping requirements. |

e) Reporting Requirements

- (1) The reports required by this permit may be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal; or they may be mailed as a hard copy to the appropriate district office or local air agency.
- (2) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA District Office or Local Air Agency 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 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 Director (the appropriate Ohio EPA District Office or local air 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 comply with the applicable reporting requirements required under 40 CFR Part 60, Subpart XX, including the following sections:

| | |
|------------|--|
| 60.7(a)(1) | Provide written notification of the date construction (or reconstruction as defined under §60.15) of an affected facility is commenced within 30 days. (Completed) |
| 60.7(a)(2) | Provide written notification of the actual date of initial startup of an affected facility within 15 days. (Completed) |
| 60.7(a)(4) | Provide written notification of any physical or operational change to an existing facility which may increase the emission rate of any air pollutant to which a standard applies, unless that change is specifically exempted under an applicable subpart or in §60.14(e) within 60 days before the change is commenced. |

f) Testing Requirements

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

a. Emissions Limitation:

VOC emissions shall not exceed 35 mg/l of liquid loaded and 37.33 tons per year.

Applicable Compliance Method:

Compliance with the short-term emissions limitation shall be demonstrated by the testing requirements in f)(2).

The annual emissions limitation was established based on the following calculation:

VOC (tpy) = maximum annual throughput of gasoline, in million gallons/yr X (controlled gasoline VOC emissions factor, in lbs/1,000 gallons + fugitive gasoline VOC emissions factor, in lbs/1,000 gallons) X 1 ton/2,000 lbs X 1,000,000 gallons/million gallons

Where:

386.8 million gallons/yr = maximum annual throughput of gasoline per the permittee's application based on 2 truck lanes X 9,200 gallons/truck X 1 truck/25 minutes to load X 60 minutes/hr X 8,760 hours/yr X million gallons/1,000,000 gallons;

0.083 lb VOC/1,000 gallons = controlled gasoline emissions factor converted from 10 mg/l based on testing of the backup vapor collection and control system at the facility (worst case) and the short-term emissions limitation applicable to similar facilities; and

0.11 lb VOC/1,000 gallons = fugitive gasoline emissions factor converted from the 13 mg/l leakage factor for cargo tanks required to pass a 3-inch annual vapor tightness test from "Gasoline Distribution Industry (Stage I) - Background Information for Promulgated Standards", Pg A-5.

b. Emissions Limitation:

TOC emissions to the atmosphere from the vapor collection system due to the loading of liquid product into gasoline tank trucks shall not exceed 35 milligrams per liter of gasoline loaded.

The loading rack shall be equipped with a vapor control system whereby the mass emissions of VOC from the vapor control system do not exceed 0.67 pound of VOC per 1,000 gallons (80 milligrams of VOC per liter) of gasoline loaded into the delivery vessel.

Applicable Compliance Method:

Compliance with the emissions limitation shall be demonstrated by the testing requirements in f)(2).

(2) Pursuant to 40 CFR 60.503 and OAC rules 3745-31-05 and 3645-21-10(E), the permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:

- a. Emissions testing for ongoing compliance shall be conducted within six (6) months of the effective date of this permit and once every five years (plus or minus six months) thereafter.
- b. Immediately before each performance test required to determine compliance with §60.502(b) and (h) and OAC rules 3745-31-05 and 3745-21-09(Q), the owner or operator shall use Method 21 to monitor for leakage of vapor all potential sources in the terminal's vapor collection system equipment while a gasoline tank truck is being loaded. The owner or operator shall repair all leaks with readings of 500 ppm (as methane) or greater before conducting the performance test. [§63.11092(a)(1)(i)]
- c. The emission testing shall be conducted to demonstrate compliance with the VOC emissions limitations in 40 CFR 60.502(b) and OAC rules 3745-31-05 and 3745-21-09(Q) and the operating restriction in 40 CFR 60.502(h).
- d. The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s):

VOC emissions shall be determined according to test Methods 1 - 4, and 18, 25, 25A and/or 25B as set forth in the "Appendix on Test Methods" in 40 CFR, Part 60 "Standards of Performance for New Stationary Sources". Alternative U.S. EPA-approved test methods may be used with prior approval from Ohio EPA, Southeast District Office.

Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.

- e. The performance test shall be 6 hours long during which at least 80,000 gallons of gasoline is loaded. If this is not possible, the test may be continued the same day until 80,000 gallons of gasoline is loaded or the test may be resumed the next day with another complete 6-hour period. In the latter case, the 80,000 gallon criterion need not be met. However, as much as possible, testing should be conducted during the 6-hour period in which the highest throughput normally occurs.
- f. The performance test shall be conducted in intervals of 5 minutes. For each interval "i", readings from each measurement shall be recorded, and the volume exhausted (Vesi) and the corresponding average total organic compounds concentration (Cei) shall be determined. The sampling system response time shall be considered in determining the average total organic compounds concentration corresponding to the volume exhausted.
- g. To determine the volume (L) of gasoline dispensed during the performance test period at all loading racks whose vapor emissions are controlled by the processing system being tested, terminal records or readings from gasoline dispensing meters at each loading rack shall be used.
- h. During the performance test, the pressure shall be recorded every 5 minutes while a gasoline truck is being loaded; the highest instantaneous pressure that occurs during each loading shall also be recorded. Every loading position must be tested at least once during the performance test.
- i. 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).
- j. 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.
- k. 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.



Final Permit-to-Install and Operate
MPLX Terminals LLC - Marietta Terminal
Permit Number: P0120745
Facility ID: 0684010100
Effective Date: 5/24/2016

g) Miscellaneous Requirements

- (1) This emissions unit was installed in 1972 and modified in 1991.
- (2) Superseded permits include PTI 06-2862 issued final 1/9/1991; State PTO P0042357 issued final 10/28/1994; PTI 06-2862 issued final 6/3/1999; PTI 06-2862 issued final 7/8/1999; and P0091052 issued final 3/8/2016.

2. J101, Distillate Loading Rack

Operations, Property and/or Equipment Description:

Loading rack for the load-out of distillate oil and kerosene from storage tanks to tanker trucks.

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. | None. | |

(2) Additional Terms and Conditions

a. None.

c) Operational Restrictions

(1) None.

d) Monitoring and/or Recordkeeping Requirements

(1) None.

e) Reporting Requirements

(1) None.

f) Testing Requirements

- (1) Compliance with the Emissions Limitations and/or Control Requirements specified in b) of these terms and conditions shall be determined in accordance with the following methods:
 - a. None.

g) Miscellaneous Requirements

- (1) The equipment associated with this emissions unit is used to load-out diesel/distillate oil and kerosene and is uncontrolled. EU J101 is not eligible for the de minimis exemption, so this EU is covered in the permit; however, there are no requirements applicable to the distillate oil/kerosene loading rack.
- (2) This emissions unit was installed around 1957.
- (3) Superseded permits include State PTO P0042684 issued final 4/28/1995; and P0091052 issued final 3/8/2016.



3. T001, Tank 451

Operations, Property and/or Equipment Description:

439,782 gallon internal floating roof tank for gasoline storage.

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. | None. | |

(2) **Additional Terms and Conditions**

a. None.

c) **Operational Restrictions**

(1) None.

d) **Monitoring and/or Recordkeeping Requirements**

(1) None.

e) **Reporting Requirements**

(1) None.

f) Testing Requirements

- (1) Compliance with the Emissions Limitations and/or Control Requirements specified in b) of these terms and conditions shall be determined in accordance with the following methods:
 - a. None.

g) Miscellaneous Requirements

- (1) This emissions unit was installed in 1951.
- (2) Superseded permits include State PTO P0042358 issued final 8/17/1993; P0091046 issued final 6/12/1999; and P0091052 issued final 3/8/2016.
- (3) Because of the installation date of this emissions unit, BAT and OAC rule 3745-21-09(L) do not apply to this tank, but it is not eligible for de minimis status. This EU was placed on registration status on 6/12/99, but due to the applicability of 40 CFR Part 63, Subpart BBBBBB to this tank, it is not eligible for registration status. However, no EU-specific terms are being imposed beyond the GACT requirements which are covered by the authorization statement in the facility-wide terms.

4. T002, Tank 452

Operations, Property and/or Equipment Description:

438,228 gallon internal floating roof gasoline storage tank.

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) | Fugitive volatile organic compound (VOC) emissions shall not exceed 2.75 tons per year. The requirements of this rule include compliance with 40 CFR Part 60, Subpart Kb and OAC rule 3745-21-09(L). |
| b. | OAC rule 3745-21-09(L) | The requirements of this rule are equivalent to the requirements of 40 CFR Part 60, Subpart Kb, except as identified in d)(1) and e)(3) below. |
| c. | 40 CFR Part 60, Subpart Kb (40 CFR 60.110b – 60.117b) [In accordance with 40 CFR 60.110b(a), this emissions unit is a | See b)(2)a. and b. and c)(1) below. |



| | Applicable Rules/Requirements | Applicable Emissions Limitations/Control Measures |
|----|---|---|
| | storage vessel with a capacity greater than 75 m ³ (19,815 gallons) that is used to store volatile organic liquids for which construction, reconstruction or modification is commenced after July 23, 1984.] | |
| d. | 40 CFR Part 60, Subpart A (40 CFR 60.1-19) | General Provisions |

(2) Additional Terms and Conditions

- a. Owners or operators may choose to comply with 40 CFR part 65, Subpart C, to satisfy the requirements of 60.112b through 60.117b for storage vessels that are subject to this subpart that meet the specifications in paragraphs (e)(1)(i) and (ii) of this section. When choosing to comply with 40 CFR Part 65, Subpart C, the monitoring requirements of 60.116b(c), (e), (f)(1), and (g) still apply. Other provisions applying to owners or operators who choose to comply with 40 CFR Part 65 are provided in 40 CFR 65.1.
- b. Owners or operators who choose to comply with 40 CFR Part 65, Subpart C, must also comply with 40 CFR 60.1, 60.2, 60.5, 60.6, 60.7(a)(1) and (4), 60.14, 60.15, and 60.16 for those storage vessels. All sections and paragraphs of Subpart A of this part that are not mentioned in paragraph (e)(2) do not apply to owners or operators of storage vessels complying with 40 CFR Part 65, Subpart C, except that provisions required to be met prior to implementing 40 CFR Part 65 still apply. Owners and operators who choose to comply with 40 CFR Part 65, Subpart C, must comply with 40 CFR Part 65, Subpart A.

c) Operational Restrictions

- (1) The permittee shall comply with the applicable restrictions required under 40 CFR Part 60, Subpart Kb, including the following sections:

| | |
|-------------------|---|
| 60.112b(a)(1) | Equip each storage vessel with a fixed roof in combination with an internal floating roof. |
| 60.112b(a)(1)(i) | Ensure the internal floating roof is resting or floating on the liquid surface, except as provided in the rule. |
| 60.112b(a)(1)(ii) | Equip the internal floating roof with one of the following closure devices between the wall of the storage vessel and the edge of the internal floating roof: a foam- or liquid-filled seal mounted in contact with the liquid; two seals mounted above one another so that each form a continuous closure that completely covers the space between the |

| | |
|---------------------|--|
| | wall of the storage vessel and the edge of the internal floating roof; or a mechanical shoe seal. |
| 60.112b(a)(1)(iii) | Ensure each opening in the noncontact internal floating roof, except for automatic bleeder vents and rim space vents, provides a projection below the liquid service. |
| 60.112b(a)(1)(iv) | Ensure 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 equipped with a cover or lid maintained in a closed position except when the device is in actual use. Each cover or lid must be equipped with a gasket, and covers on each access hatch and automatic gauge float well shall be bolted except when in use. |
| 60.112b(a)(1)(v) | Equip automatic bleeder vents with a gasket and ensure the vents are closed at all times except when the roof is being floated off or being landed on the roof leg supports. |
| 60.112b(a)(1)(vi) | Equip rim space vents 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. |
| 60.112b(a)(1)(vii) | Ensure each penetration of the internal floating roof for the purpose of sampling is a sample well. The sample well shall have a slit fabric cover that covers at least 90 percent of the opening. |
| 60.112b(a)(1)(viii) | Ensure each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof has a flexible fabric sleeve seal or a gasketed sliding cover. |
| 60.112b(a)(1)(ix) | Ensure each penetration of the internal floating roof that allows for passage of a ladder has a gasketed sliding cover. |
| 60.112b(b) | The permittee shall not place, store, or hold in this fixed roof tank any petroleum liquid that, as stored, has a true vapor pressure greater than 76.6 kPa (11.1 pounds per square inch absolute), unless the tank is equipped with a closed vent system and a control device as specified in 60.112b(a)(3) or equivalent system as provided in 60.114b. |

d) Monitoring and/or Recordkeeping Requirements

- (1) The permittee shall maintain a record of any period of time the fixed roof tank does not comply with the requirements of OAC rule 3745-21-09(L)(1).
- (2) The permittee shall comply with the applicable monitoring and recordkeeping requirements required under 40 CFR Part 60, Subpart Kb, including the following sections:

| | |
|---------------|---|
| 60.113b(a)(1) | Visually inspect the internal floating roof, the primary seal, and the secondary seal, prior to filling and repair any holes tears or other openings before filling the storage vessel. |
| 60.113b(a)(2) | If equipped with a liquid-mounted or mechanical shoe primary seal, visually inspect the internal floating roof and the primary seals through manholes and roof hatches once every 12 months after the initial fill and either empty the tank or take any necessary corrective action within 45 days unless a 30-day extension is requested. |
| 60.113b(a)(3) | If equipped with a double-seal system, visually inspect the vessel at least every 5 years as specified in 60.113b(a)(4) and visually inspect the vessel as specified in 60.113b(a)(2). |
| 60.113b(a)(4) | Visually inspect the internal floating roof, primary seal, gaskets, slotted membranes and sleeve seals each time the storage vessel is emptied and degassed and repair as necessary prior to refilling the vessel. The inspections shall occur at intervals not to exceed 10 years for vessels equipped with a liquid-mounted or mechanical shoe primary seal or 5 years for vessels with a double-seal system. |
| 60.115b(a)(2) | Maintain a record of each inspection performed as required by 60.113b(a)(1) – (a)(4) that identifies the storage vessel and includes the inspection date and conditions observed. |
| 60.116b(a) | Maintain copies of all records required by 40 CFR Part 60, Subpart Kb for a period of two years, except that records required by 60.116b(b) must be kept for the life of the storage vessel. |
| 60.116b(b) | Maintain records showing the dimensions of the storage vessel and analysis of the capacity of the storage vessel. |
| 60.116b(c) | Maintain records of the volatile organic liquid (VOL) stored, the period of storage, and the maximum true vapor pressure of the VOL during the respective storage period. |
| 60.116b(e) | Determine the true vapor pressure using available data on storage temperature as determined pursuant to 60.116b(e)(1)-(e)(3). |
| 60.7(b) | Maintain records of the occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility and any malfunction of the air pollution control equipment. |

e) Reporting Requirements

- (1) The reports required by this permit may be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal; or they may be mailed as a hard copy to the appropriate district office or local air agency.

- (2) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA District Office or Local Air Agency 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 director (the appropriate Ohio EPA district office or local air agency) of any noncompliance with the design and operating requirements of OAC rule 3745-21-09(L)(1) within 30 days of the occurrence.
- (4) The permittee shall comply with the applicable reporting requirements required under 40 CFR Part 60, Subpart Kb, including the following sections:

| | |
|---------------------------|---|
| 60.113b(a)(5) | Notify the Administrator in writing at least 30 days prior to the filling of each storage vessel for which an inspection is required by paragraphs (a)(1) or (a)(4), except as provided in the rule. |
| 60.7(a) and 60.115b(a)(1) | Initial notification of the date construction of the affected facility commenced and the actual date of initial startup of the affected facility. Attach a report that describes the control equipment and certifies that the control equipment meets the specifications of 60.112b(a)(1) and 60.113b(a)(1). (Completed) |
| 60.115b(a)(3) | Furnish a report to the Administrator within 30 days of detecting any of the conditions outlined in 60.113b(a)(2) during the annual visual inspection conducted pursuant to 60.113b(a)(2), if applicable. |
| 60.115b(a)(4) | Furnish a report to the Administrator within 30 days of an inspection conducted pursuant to 60.113b(a)(3) where holes or tears in the seal or seal fabric, or defects in the internal floating roof, or other control requirement defects listed in 60.113b(a)(3)(ii) are found. Each report shall identify the storage vessel, the reason it did not meet the specifications of 60.113b(a)(1) or (a)(3), and list each repair made, if applicable. |

f) Testing Requirements

- (1) Compliance with the Emissions Limitations and/or Control Requirements specified in b) of these terms and conditions shall be determined in accordance with the following methods:
 - a. Emissions Limitation:
Fugitive VOC emissions shall not exceed 2.75 tons per year.
 - Applicable Compliance Method:
Compliance shall be demonstrated by the equations in AP-42 7.1 (11/06), or other method acceptable to Ohio EPA's Southeast District Office.



Final Permit-to-Install and Operate
MPLX Terminals LLC - Marietta Terminal
Permit Number: P0120745
Facility ID: 0684010100
Effective Date: 5/24/2016

g) Miscellaneous Requirements

- (1) This emissions unit was installed in 1952.
- (2) Superseded permits include PTI 06-3355 issued final 7/15/1992; State PTO P0042359 issued final 8/17/1993; P0091048 issued final 6/12/1999; and P0091052 issued final 3/8/2016.

5. T008, Tank 460

Operations, Property and/or Equipment Description:

1,323,751 gallon internal floating roof gasoline storage tank.

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) | Fugitive volatile organic compound (VOC) emissions from working and breathing losses from this emissions unit shall not exceed 5.72 tons per year. The requirements of this rule include compliance with 40 CFR Part 60, Subpart Ka. |
| b. | 40 CFR Part 60, Subpart Ka (40 CFR 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 151,416 liters (40,000 gallons) that is used to store petroleum liquids for which construction, reconstruction or | See b)(2)a. and b. and c)(1) below. |

| | Applicable Rules/Requirements | Applicable Emissions Limitations/Control Measures |
|----|---|---|
| | modification is commenced after May 18, 1978 and before July 23, 1984.] | |
| c. | 40 CFR Part 60, Subpart A (40 CFR 60.1-19) | General Provisions |

(2) Additional Terms and Conditions

- a. Owners or operators may choose to comply with 40 CFR part 65, Subpart C, to satisfy the requirements of 60.112a through 60.114a for storage vessels that are subject to this subpart that store petroleum liquids that, as stored, have a maximum true vapor pressure equal to or greater than 10.3 kPa (1.5 psia). Other provisions applying to owners or operators who choose to comply with 40 CFR Part 65 are provided in 40 CFR 65.1.
- b. Owners or operators who choose to comply with 40 CFR Part 65, Subpart C, must also comply with 40 CFR 60.1, 60.2, 60.5, 60.6, 60.7(a)(1) and (4), 60.14, 60.15, and 60.16 for those storage vessels. All sections and paragraphs of Subpart A of this part that are not mentioned in paragraph (c)(2) do not apply to owners or operators of storage vessels complying with 40 CFR Part 65, Subpart C, except that provisions required to be met prior to implementing 40 CFR Part 65 still apply. Owners and operators who choose to comply with 40 CFR Part 65, Subpart C, must comply with 40 CFR Part 65, Subpart A.

c) Operational Restrictions

- (1) The permittee shall comply with the applicable restrictions required under 40 CFR Part 60, Subpart Ka, including the following sections:

| | |
|---------------|---|
| 60.112a(a)(2) | <p>Equip each storage vessel with a fixed roof with an internal floating type cover equipped with a continuous closure device between the tank and the cover edge.</p> <p>Ensure the internal floating roof is floating at all times except during the initial fill and when the tank is completely emptied and subsequently refilled.</p> <p>Ensure the emptying and refilling when the cover is resting on the leg supports is continuous and accomplished as rapidly as possible.</p> <p>Ensure each opening in the cover, except for automatic bleeder vents and rim space vents, provides a projection below the liquid service.</p> <p>Ensure each opening in the cover, except for automatic bleeder vents, rim space vents, stub drains and leg sleeves, is equipped with a cover, seal or lid maintained in a closed position except when the device is in actual use.</p> <p>Ensure automatic bleeder vents are closed at all times except when the</p> |
|---------------|---|

| | |
|------------|--|
| | cover is being floated off or being landed on the roof leg supports. Ensure rim vents are set to open only when the cover is being floated off the leg supports or at the manufacturer's recommended setting. |
| 60.112a(b) | The owner or operator shall not store any petroleum liquid that, as stored, has a true vapor pressure greater than 76.6 kPa (11.1 pounds per square inch absolute), unless the tank is equipped with a vapor recovery system which collects all VOC vapors and gases from the storage vessel, and a vapor return or disposal system designed to reduce VOC vapors and gases emitted to the atmosphere by at least 95% by weight. |

d) Monitoring and/or Recordkeeping Requirements

- (1) The permittee shall comply with the applicable monitoring and recordkeeping requirements required under 40 CFR Part 60, Subparts A and Ka, including the following sections:

| | |
|------------|---|
| 60.115a(a) | Maintain records of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period. |
| 60.115a(b) | Determine the true vapor pressure using available data on the typical Reid vapor pressure and the maximum expected storage temperature of the stored product unless sampling of the liquid and determining the actual storage temperature and Reid vapor pressure is requested. |
| 60.7(b) | Maintain records of the occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility and any malfunction of the air pollution control equipment. |

e) Reporting Requirements

- (1) The reports required by this permit may be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal; or they may be mailed as a hard copy to the appropriate district office or local air agency.
- (2) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA District Office or Local Air Agency 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 comply with the applicable reporting requirements required under 40 CFR Part 60, Subparts A and Ka, including the following sections:

| | |
|---------|---|
| 60.7(a) | Initial notification of the date construction of the affected facility commenced and the actual date of initial startup of the affected facility. (Completed) |
|---------|---|

f) Testing Requirements

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

- a. Emissions Limitation:

- Fugitive VOC emissions shall not exceed 5.72 tons per year.

- Applicable Compliance Method:

- Compliance shall be demonstrated by the equations in AP-42 7.1 (11/06), or other method acceptable to Ohio EPA's Southeast District Office.

g) Miscellaneous Requirements

- (1) This emissions unit was installed in 1979.
- (2) Superseded permits include PTI 06-484 issued final 5/10/1979; State PTO P0042365 issued final 8/13/1993; P0091050 issued final 6/12/1999; and P0091052 issued final 3/8/2016.