



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

3/22/2016

Dennis Paul
HEATH PIPE LINE STATION
539 S. Main Street
Findlay, OH 45840

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
Yes	SYNTHETIC MINOR TO AVOID TITLE V
Yes	FEDERALLY ENFORCABLE PTIO (FEPTIO)
No	SYNTHETIC MINOR TO AVOID MAJOR GHG

RE: FINALAIR POLLUTION PERMIT-TO-INSTALL AND OPERATE

Facility ID: 0145010219
Permit Number: P0083709
Permit Type: Renewal
County: Licking

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, Central District Office at (614)728-3778 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-CDO



FINAL

**Division of Air Pollution Control
Permit-to-Install and Operate
for
HEATH PIPE LINE STATION**

Facility ID:	0145010219
Permit Number:	P0083709
Permit Type:	Renewal
Issued:	3/22/2016
Effective:	3/22/2016
Expiration:	3/22/2021



Division of Air Pollution Control
Permit-to-Install and Operate
for
HEATH PIPE LINE STATION

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Final Permit-to-Install and Operate
HEATH PIPE LINE STATION
Permit Number: P0083709
Facility ID: 0145010219
Effective Date: 3/22/2016

Authorization

Facility ID: 0145010219
Application Number(s): A0014100, A0014101, A0014102, A0014103, A0014104, A0014105
Permit Number: P0083709
Permit Description: Renewal PTIO for Petroleum Products Terminal with Storage Tanks and Truck Loading Rack
Permit Type: Renewal
Permit Fee: \$0.00
Issue Date: 3/22/2016
Effective Date: 3/22/2016
Expiration Date: 3/22/2021
Permit Evaluation Report (PER) Annual Date: Oct 1 - Sept 30, Due Nov 15

This document constitutes issuance to:

HEATH PIPE LINE STATION
840 HEATH RD
Heath, OH 43056

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, Central District Office
50 West Town Street, 6th Floor
P.O. Box 1049
Columbus, OH 43216-1049
(614)728-3778

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: P0083709

Permit Description: Renewal PTIO for Petroleum Products Terminal with Storage Tanks and Truck Loading Rack

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: | 01-07392 |
| General Permit Category and Type: | Not Applicable |
| Emissions Unit ID: | T006 |
| Company Equipment ID: | Storage tank #212 |
| Superseded Permit Number: | 01-08366 |
| General Permit Category and Type: | Not Applicable |
| Emissions Unit ID: | T007 |
| Company Equipment ID: | Storage tank #213 |
| Superseded Permit Number: | P0008213 |
| General Permit Category and Type: | Not Applicable |
| Emissions Unit ID: | T012 |
| Company Equipment ID: | Storage tank #913 |
| Superseded Permit Number: | P0008214 |
| General Permit Category and Type: | Not Applicable |
| Emissions Unit ID: | T024 |
| Company Equipment ID: | Storage tank #114 |
| Superseded Permit Number: | P0008220 |
| General Permit Category and Type: | Not Applicable |
| Emissions Unit ID: | T032 |
| Company Equipment ID: | Storage Tank #240 |
| Superseded Permit Number: | 01-12062 |
| General Permit Category and Type: | Not Applicable |

Group Name: 4.2 MMGal Tanks

Emissions Unit ID:	T025
Company Equipment ID:	Storage tank #233
Superseded Permit Number:	P0008221
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	T026
Company Equipment ID:	Storage tank #235
Superseded Permit Number:	P0008222
General Permit Category and Type:	Not Applicable



Final Permit-to-Install and Operate
HEATH PIPE LINE STATION
Permit Number: P0083709
Facility ID: 0145010219
Effective Date: 3/22/2016

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
HEATH PIPE LINE STATION
Permit Number: P0083709
Facility ID: 0145010219
Effective Date: 3/22/2016

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) 2., 3., 4., and 5.
2. The emissions of hazardous air pollutants (HAPs), as identified in Section 112(b) of Title III of the Clean Air Act, from all emissions units at this facility, including all de minimis emissions units as defined in OAC rule 3745-15-05, and all registration status and/or permit exempt/permit-by-rule emissions units pursuant to OAC rule 3745-31-03, combined, shall not exceed 9.8 tons per year for any individual HAP and 24.5 tons per year for any combination of HAPs, based upon rolling, 12-month summations of the HAP emissions.
3. The permittee shall on a monthly basis maintain the following information for the entire facility:
 - a) the individual HAP emissions, in tons per month;
 - b) the combined HAP emissions, in tons per month;
 - c) the rolling, 12-month summation of individual HAP emissions, in tons; and
 - d) the rolling, 12-month summation of combined HAP emissions, in tons.
4. The permittee shall submit quarterly deviation (excursion) reports that identify:
 - a) all deviations (excursions) of the following emission limitations, operational restrictions and/or control device operating parameter limitations that restrict the potential to emit (PTE) of any regulated air pollutant and have been detected by the monitoring, recordkeeping and/or testing requirements in this permit:
 - (1) all exceedances of the rolling, 12-month individual HAP emission limitation; and
 - (2) all exceedances of the rolling, 12-month combined HAP emission limitation.
 - b) the probable cause of each deviation (excursion).
 - c) any corrective actions that were taken to remedy the deviations (excursions) or prevent future deviations (excursions).
 - d) the magnitude and duration of each deviation (excursion).

If no deviations (excursions) occurred during a calendar quarter, the permittee shall submit a report that states that no deviations (excursions) occurred during the quarter.

The quarterly reports shall be submitted, electronically through Ohio EPA Air Services, each year by January 31 (covering October to December), April 30 (covering January to March), July 31 (covering April to June), and October 31 (covering July to September), unless an alternative schedule has been established and approved by the director (Ohio EPA, Central District Office).

5. Emission Limitations

The emissions of hazardous air pollutants (HAPs), as identified in Section 112(b) of Title III of the Clean Air Act, from all emissions units at this facility, including all de minimis emissions units as defined in OAC rule 3745-15-05, and all registration status and/or permit exempt/permit-by-rule emissions units pursuant to OAC rule 3745-31-03, combined, shall not exceed 9.8 tons per year for any individual HAP and 24.5 tons per year for any combination of HAPs, based upon rolling, 12-month summations of the HAP emissions.

Applicable Compliance Method

Compliance with these emission limitations shall be determined as follows:

- a) For individual and combined HAP emissions from gasoline loading, multiply the VOC emissions by the following HAP emission factors from the Gasoline Distribution Industry (Stage I) - Background Information for Proposed Standards Draft Report by the actual annual VOC emissions rate for the year (in TPY) for all emission units at the facility:

hexane - 0.016 pound of hexane emissions per pound of VOC;
benzene- 0.009 pound of benzene emissions per pound of VOC;
toluene- 0.013 pound of toluene emissions per pound of VOC;
2, 2, 4 Trimethylpentane - 0.008 pound of 2,2,4trimethylpentane emissions per pound of VOC.
xylene - 0.005 pound of xylene emissions per pound of VOC; and,
ethylbenzene- 0.001pound of ethylbenzene emissions per pound of VOC.

- b) For individual and combined HAP emissions from the storage tanks, use the speciation option from B.5.b) above.

For the combination of HAPs, sum the calculated annual emission rates for the individual HAPs.

Should more accurate emission factors be developed during the current permit cycle, the permittee shall use them, provided the new emission factors are mutually agreeable to the Ohio EPA and Marathon Pipe Line LLC.



Final Permit-to-Install and Operate
HEATH PIPE LINE STATION
Permit Number: P0083709
Facility ID: 0145010219
Effective Date: 3/22/2016

5. The Ohio EPA has determined that this facility is subject to the requirements of 40 CFR Part 63 Subpart BBBBBB National Emission Standards for Hazardous Air Pollutants (NESHAP) for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Area Sources. Although Ohio EPA has determined that this Generally Available Control Technology NESHAP (GACT) applies, 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 this rule are in effect and shall be enforced 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>.



Final Permit-to-Install and Operate
HEATH PIPE LINE STATION
Permit Number: P0083709
Facility ID: 0145010219
Effective Date: 3/22/2016

C. Emissions Unit Terms and Conditions



1. J001, Loadrack

Operations, Property and/or Equipment Description:

2 - bay truck loading rack for gasoline controlled by a McGill carbon adsorption/absorption 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. 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)c., c)(8), d)(1), and e)(2)

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 3745-21-09(Q)	The emission limitation specified in this rule is less stringent than the emission limitations established pursuant to OAC rule 3745-31-05(A)(3). See c)(1)-c)(6), d)(2), and d)(4) below.
b	OAC rule 3745-31-05(A)(3) (established by PTI 01-7392, issued November 7, 2006)	See b)(2)a Volatile organic compound (VOC) emissions shall not exceed 43.7 pounds per hour. Limitation applicable to the loading of gasoline (i.e., gasoline, ethanol, and gasoline additives): 0.29 pound of VOC per 1,000 gallons (35 milligrams per liter (mg/l)) of gasoline loaded into the delivery vessel

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
c.	OAC rule 3745-31-05(D) (Federally enforceable limitations to avoid Title V and MACT)	<p>Limitation applicable to the loading of gasoline (i.e., gasoline, ethanol, and gasoline additives) and distillates (i.e., diesel and diesel additives):</p> <p>The VOC emissions shall not exceed 37.28 tons per rolling 12-month period (TPY)</p> <p>See c)(8) below.</p> <p>See 2. through 5. of Section B - Facility-Wide Terms and Conditions.</p>
d.	40 CFR Part 60 Subpart XX	<p>The mass emission limitation for VOC established pursuant to this rule is equivalent to the mass emission limitation established pursuant to OAC rule 3745-31-05(A)(3).</p> <p>See c)(7), d)(5) and e)(4) below.</p>
e.	40 CFR Part 60, Subpart A	See b)(2)b below.

(2) Additional Terms and Conditions

- a. The "Best Available Technology" (BAT) requirement for this emissions unit has been determined to be use of a carbon adsorption/absorption vapor recovery unit with a minimum control efficiency of 95%.
- b. The permittee shall comply with the applicable requirements of the General Provisions of the Standards of Performance for New Stationary Sources, 40 CFR Part 60, Subpart A (60.1-60.19) as specified in 40 CFR Part 60, Subpart XX.

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 0.29 pound of VOC per 1,000 gallons (35 milligrams of VOC per liter) of gasoline loaded into the delivery vessel [PTI 01-07392]; 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 operational restrictions necessary to demonstrate compliance with 40 CFR Part 60, Subpart XX.
 - (8) The maximum annual throughput rate for this emission unit shall not exceed the following: gasoline shall not exceed 255,550,000 gallons per year, fuel oil No. 2 shall not exceed 110,000,000 gallons per year, kerosene shall not exceed 73,000,000 gallons per year, ethanol shall not exceed 30,000,000 gallons per year.

Following issuance of this permit, compliance with the annual gasoline, fuel oil No. 2, kerosene, and ethanol throughput limitations shall be based upon a rolling, 12 – month summation.

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

- (1) The permittee shall maintain monthly records of the following information:
 - a. the total throughput, in gallons, of gasoline, fuel oil No. 2, kerosene, and ethanol for each month;
 - b. during the first 12 calendar months of operation following the issuance of this permit, the permittee shall maintain records of the cumulative total throughput, in gallons, of gasoline fuel No. 2, kerosene, and ethanol for each calendar month;
 - c. after the first 12 calendar months of operation following the issuance of this permit, the permittee shall maintain the rolling, 12-month summation of the total gasoline fuel oil No. 2, kerosene, and ethanol throughput, in gallons;

- d. the total VOC emissions from this emissions unit, in tons; and,
 - e. the total HAP (individual and combined) and VOC emissions from all emissions units at the facility, in tons.
- (2) 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).
 - (3) When operating the Carbon Adsorber to control VOC emissions at the truck loading rack, the carbon bed shall be regenerated once every fifteen (15) minutes during active vapor processing. The permittee shall monitor and continuously record the carbon bed pressure either on a strip chart or on digital media indicating the regeneration cycle. The permittee shall conduct a monthly inspection of the continuous carbon bed pressure records for any deviations in the carbon bed regeneration cycle time and pressure since the last monthly inspection. The permittee shall, on days the facility is staffed, also review and record the maximum vacuum achieved during a single cycle if vapor processing is occurring. [Observed deviations of the VRU operating parameters are not necessarily indicative of a violation of the allowable mass emission limitation (35 mg/1), but rather serve as a trigger level for maintenance and/or repair activities, or further investigation to establish correct operation.]
 - (4) The permittee shall repair any leak from the vapor collection system and/or vapor control system, that is equal to or greater than 100% of the LEL as propane (as determined under OAC 3745-21-10(K)), within 15 days of detection. The permittee shall maintain a record of each such leak that is not repaired within the 15 days.
 - (5) The permittee shall comply with the applicable monitoring and/or recordkeeping requirements necessary to demonstrate compliance with 40 CFR Part 60, Subpart XX.
- e) Reporting Requirements
- (1) All applications, notifications or reports required by terms and conditions in this permit to be submitted or "reported in writing" are to be submitted to Ohio EPA through the Ohio EPA's eBusiness Center: Air Services web service ("Air Services"). Ohio EPA will accept hard copy submittals on an as-needed basis if the permittee cannot submit the required documents through the Ohio EPA eBusiness Center. In the event of an alternative hard copy submission in lieu of the eBusiness Center, the post-marked date or the date the document is delivered in person will be recognized as the date submitted. Electronic submission of applications, notifications, or reports required to be submitted to Ohio EPA fulfills the requirement to submit the required information to the Director, the District Office or Local Air Agency, and/or any other individual or organization specifically identified as an additional recipient identified in this permit unless otherwise specified. Consistent with OAC rule 3745-15-03, the required application, notification or report is considered to be "submitted" on the date the submission is successful using a valid electronic signature. Signature by the signatory authority may be represented as provided through procedures established in Air Services.

- (2) 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.
- (3) The permittee shall submit quarterly deviation (excursion) reports that identify:
- a. all deviations (excursions) of the following emission limitations, operational restrictions and/or control device operating parameter limitations that restrict the potential to emit (PTE) of any regulated air pollutant and have been detected by the monitoring, record keeping and/or testing requirements in this permit:
 - i. all exceedances of the rolling, 12-month gasoline throughput limitation;
 - ii. all exceedances of the rolling, 12-month distillate throughput limitation; and
 - iii. all exceedances of the rolling, 12-month VOC emission limitation.
 - b. the probable cause of each deviation (excursion);
 - c. any corrective actions that were taken to remedy the deviations (excursions) or prevent future deviations (excursions); and
 - d. the magnitude and duration of each deviation (excursion).

If no deviations (excursions) occurred during a calendar quarter, the permittee shall submit a report that states that no deviations (excursions) occurred during the quarter.

The quarterly reports shall be submitted, electronically through Ohio EPA Air Services, each year by January 31 (covering October to December), April 30 (covering January to March), July 31 (covering April to June), and October 31 (covering July to September), unless an alternative schedule has been established and approved by the Director (the appropriate District Office or local air agency).

- (4) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA. The PER must be completed electronically and submitted via the Ohio EPA e-Business Center: Air Services 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.
- (5) The permittee shall comply with the applicable reporting requirements necessary to demonstrate compliance with 40 CFR Part 60, Subpart XX.
- (6) 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.

f) Testing Requirements

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

- a. The emission testing shall be conducted within 12 months after permit issuance and within 12 months prior to the permit expiration.
- b. The emission testing shall be conducted to demonstrate compliance with the VOC mass emission limitations of 35 mg per liter of gasoline loaded (0.29 pound of VOC per 1,000 gallons of gasoline loaded) and 43.7 pounds of VOC per hour, in accordance with the procedures specified in OAC rule 3475-21-10(E). The test shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the Ohio EPA Central District Office.

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

- c. Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Ohio EPA, Central District Office. 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, Central District Office's refusal to accept the results of the emission test(s).
- d. Personnel from the Ohio EPA, Central District Office 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.
- e. 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 Ohio EPA, Central District Office 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 Ohio EPA, Central District Office.

(2) 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. Emission Limitation

VOC emissions shall not exceed 43.7 pounds per hour.

Applicable Compliance Method

Compliance with this emission limitation shall be demonstrated through the emission testing required in f)(1) above.

b. Emission Limitation

0.29 pound of VOC per 1,000 gallons (35 milligrams per liter (mg/l)) of gasoline loaded

Applicable Compliance Method

Compliance with this emission limitation shall be demonstrated through the emission testing required in f)(1) above.

c. Emission Limitation

Volatile Organic Compound (VOC) emissions at the VRU stack, from loading gasoline and transmix, shall not exceed 37.28 tons per year.

Applicable Compliance Method

Compliance with this emission limitation shall be determined based upon the recordkeeping in d)(9) above and a summation of the stack and fugitive emissions from gasoline and distillate loading as follows:

- i. For stack emissions from gasoline and transmix loading, sum the monthly gasoline throughputs for the 12-month period and multiply this sum by the emissions factor established based upon the most recent emission test that demonstrated the emissions unit was in compliance (in lb VOC/1,000 gallons gasoline loaded) and divide by 2,000 lb/ton.
- ii. For stack emissions from ethanol loading, sum the monthly ethanol throughputs for the 12-month period and multiply this sum by the emissions factor established based upon the most recent emission test that demonstrated the emissions unit was in compliance (in lb VOC/1,000 gallons gasoline loaded) and divide by 2,000 lb/ton.

g) Miscellaneous Requirements

- (1) None.

2. T006, Storage tank #212

Operations, Property and/or Equipment Description:

1.47MM GAL Gasoline/Kerosene, Internal Floating Roof 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. b)(1)e.
- 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 3745-21-09(L)	See c)(1), d)(1), d)(2), and e)(2).
b.	OAC rule 3745-31-05(A)(3)(c) (established by PTI 01-08366, issued on April 19, 2001)	Volatile organic compounds (VOC) emissions shall not exceed 3.73 tons per year.
c.	40 CFR Part 60, Subpart Kb (40 CFR CFR 60.11b – 60.117b) [In accordance with 40 CFR 60.110b(a) and 60.112b(a), this emissions unit is a storage vessel with a capacity greater than 75 m ³ (19,815 gallons) that is used to store volatile organic liquids with maximum true vapor pressure > 5.2 kPa (0.75 psia) and < 76.6 kPa (11.1 psia) for which	See c)(2), d)(4), and e)(4).

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
	construction, reconstruction or modification commenced after July 23, 1984.]	
d.	40 CFR Part 60, Subpart A (40 CFR 60.1-19)	General Provisions
e	OAC rule 3745-31-05(D) (Federally enforceable limitations to avoid Title V and MACT)	See Sections B.2. - 5. of the Facility-Wide Terms and Conditions.

(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 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)(B)	Equip the internal floating roof with two seals mounted above the other to form a continuous closure that completely covers the space between the wall of the tank and the edge of the internal floating

	roof.
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 set the vents 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.

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 maintain annual records of the VOC emissions, in tons.
- (4) 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)(3) and (a)(2)	Visually inspect the internal floating roof and the primary and secondary 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.
60.115b(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.

- (5) The ten year inspection required by 40 CFR Part 60.113b(a)(4) may be conducted while the tank is in service.

e) Reporting Requirements

- (1) All applications, notifications or reports required by terms and conditions in this permit to be submitted or "reported in writing" are to be submitted to Ohio EPA through the Ohio EPA's eBusiness Center: Air Services web service ("Air Services"). Ohio EPA will accept hard copy submittals on an as-needed basis if the permittee cannot submit the required documents through the Ohio EPA eBusiness Center. In the event of an alternative hard copy submission in lieu of the eBusiness Center, the post-marked date or the date the document is delivered in person will be recognized as the date submitted. Electronic submission of applications, notifications, or reports required to be submitted to Ohio EPA fulfills the requirement to submit the required information to the Director, the District Office or Local Air Agency, and/or any other individual or organization specifically identified as an additional recipient identified in this permit unless otherwise specified. Consistent with OAC rule 3745-15-03, the required application, notification or report is considered to be "submitted" on the date the submission is successful using a valid electronic signature. Signature by the signatory authority may be represented as provided through procedures established in Air Services.
- (2) The permittee shall notify the Ohio EPA, Central District Office 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.
- (3) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA. The PER must be completed electronically and submitted via the Ohio EPA e-Business

Center: Air Services 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.

- (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)	Provide an 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).
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.
60.116b(d)	Notify the Administrator within 30 days when the maximum true vapor pressure of the liquid exceeds the maximum true vapor pressure values for the applicable volume range.

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. Emission Limitation

VOC emissions shall not exceed 3.73 tons per year.

Applicable Compliance Method

Compliance with the emission limitation shall be demonstrated by the use of USEPA "TANKS Program 4.0."

- (2) Compliance with the control measure requirements in Section c) of these terms and conditions shall be demonstrated by a review facility records during a facility compliance inspection and record keeping requirements outlined in Section d).
- (3) The permittee shall comply with the applicable testing and procedures requirements as specified in 40 CFR Part 60.113b.

g) Miscellaneous Requirements

- (1) None.

3. T007, Storage tank #213

Operations, Property and/or Equipment Description:

3.36 mm gallon fixed roof 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. b)(1)b.

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 3745-21-09(L)	See c)(1), d)(1) and e)(2).
b.	OAC rule 3745-31-05(D) (Federally enforceable limitations to avoid Title V and MACT)	See 2. through 5. Of Section B – Facility-Wide Terms and Conditions

(2) Additional Terms and Conditions

a. None.

c) Operational Restrictions

(1) The maximum true vapor pressure of organic liquid stored in this storage tank shall be less than 1.52 psia.

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall maintain records of the following information in a readily accessible location for at least five years and shall make copies of the records available to the director upon verbal or written request.

- 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 liquid that has a maximum true vapor pressure greater 1.0 pound per square inch absolute.
- e) Reporting Requirements
- (1) All applications, notifications or reports required by terms and conditions in this permit to be submitted or "reported in writing" are to be submitted to Ohio EPA through the Ohio EPA's eBusiness Center: Air Services web service ("Air Services"). Ohio EPA will accept hard copy submittals on an as-needed basis if the permittee cannot submit the required documents through the Ohio EPA eBusiness Center. In the event of an alternative hard copy submission in lieu of the eBusiness Center, the post-marked date or the date the document is delivered in person will be recognized as the date submitted. Electronic submission of applications, notifications, or reports required to be submitted to Ohio EPA fulfills the requirement to submit the required information to the Director, the District Office or Local Air Agency, and/or any other individual or organization specifically identified as an additional recipient identified in this permit unless otherwise specified. Consistent with OAC rule 3745-15-03, the required application, notification or report is considered to be "submitted" on the date the submission is successful using a valid electronic signature. Signature by the signatory authority may be represented as provided through procedures established in Air Services.
 - (2) If an owner or operator places, stores, or holds in a fixed roof tank, that is not exempted pursuant to rule OAC 3745-21-09(L)(2), any petroleum liquid with a true vapor pressure which is greater than 1.52 pounds per square inch absolute and such tank does not comply with the requirements of rule OAC 3745-21-09(L)(1), the owner or operator shall so notify the director within thirty days of becoming aware of the occurrence.
 - (3) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA. The PER must be completed electronically and submitted via the Ohio EPA e-Business Center: Air Services 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.
- 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. None.
- g) Miscellaneous Requirements
- (1) None.

4. T012, Storage tank #913

Operations, Property and/or Equipment Description:

1.26 mm gallon internal floating roof 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. b)(1)d.

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 3745-21-09(L)	See c)(1), d)(1), d)(2), and e)(2).
b.	40 CFR Part 60, Subpart Kb (40 CFR CFR 60.11b – 60.117b) [In accordance with 40 CFR 60.110b(a) and 60.112b(a), this emissions unit is a storage vessel with a capacity greater than 75 m ³ (19,815 gallons) that is used to store volatile organic liquids with maximum true vapor pressure > 5.2 kPa (0.75 psia) and < 76.6 kPa (11.1 psia) for which construction, reconstruction or modification commenced after July 23, 1984.]	See c)(2), d)(4), and e)(4).



	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
c.	40 CFR Part 60, Subpart A (40 CFR 60.1-19)	General Provisions
d.	OAC rule 3745-31-05(D) (Federally enforceable limitations to avoid Title V and MACT)	See Sections B.2. - 5. of the Facility-Wide Terms and Conditions.

(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 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)(B)	Equip the internal floating roof with two seals mounted above the other to form a continuous closure that completely covers the space between the wall of the tank and the edge of the internal floating roof.

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 set the vents 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.

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 maintain annual records of the VOC emissions, in tons.
- (4) 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)(3) and (a)(2)	Visually inspect the internal floating roof and the primary and secondary 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.
60.115b(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.

- (5) The ten year inspection required by 40 CFR Part 60.113b(a)(4) may be conducted while the tank is in service.

e) Reporting Requirements

- (1) All applications, notifications or reports required by terms and conditions in this permit to be submitted or "reported in writing" are to be submitted to Ohio EPA through the Ohio EPA's eBusiness Center: Air Services web service ("Air Services"). Ohio EPA will accept hard copy submittals on an as-needed basis if the permittee cannot submit the required documents through the Ohio EPA eBusiness Center. In the event of an alternative hard copy submission in lieu of the eBusiness Center, the post-marked date or the date the document is delivered in person will be recognized as the date submitted. Electronic submission of applications, notifications, or reports required to be submitted to Ohio EPA fulfills the requirement to submit the required information to the Director, the District Office or Local Air Agency, and/or any other individual or organization specifically identified as an additional recipient identified in this permit unless otherwise specified. Consistent with OAC rule 3745-15-03, the required application, notification or report is considered to be "submitted" on the date the submission is successful using a valid electronic signature. Signature by the signatory authority may be represented as provided through procedures established in Air Services.
- (2) The permittee shall notify the Ohio EPA, Central District Office 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.
- (3) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA. The PER must be completed electronically and submitted via the Ohio EPA e-Business

Center: Air Services 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.

- (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)	Provide an 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).
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.
60.116b(d)	Notify the Administrator within 30 days when the maximum true vapor pressure of the liquid exceeds the maximum true vapor pressure values for the applicable volume range.



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. The permittee shall comply with the applicable testing and procedures requirements as specified in 40 CFR Part 60.113b.

g) Miscellaneous Requirements

(1) None.

5. T024, Storage tank #114

Operations, Property and/or Equipment Description:

210,000 gallon internal floating roof 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. b)(1)e.
- 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 3745-21-09(L)	See c)(1)a. through c)(1)d. and d)(1), d)(2), and e)(2)
b.	OAC rule 3745-31-05(A)(3)(c) (established by PTI 01-2548, issued on June 27, 1990)	Volatile organic compound (VOC) emissions shall not exceed 0.92 tons per year
c.	40 CFR Part 60, Subpart Kb (40 CFR CFR 60.11b – 60.117b) [In accordance with 40 CFR 60.110b(a) and 60.112b(a), this emissions unit is a storage vessel with a capacity greater than 75 m ³ (19,815 gallons) that is used to store volatile organic liquids with maximum true vapor pressure > 5.2 kPa (0.75 psia) and < 76.6	See c)(2), d)(4), and e)(4).

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
	kPa(11.1 psia) for which construction, reconstruction or modification commenced after July 23, 1984.]	
d.	40 CFR Part 60, Subpart A (40 CFR 60.1-19)	General Provisions
e.	OAC rule 3745-31-05(D) (Federally enforceable limitations to avoid Title V and MACT)	See Sections B.2. - 5. of the Facility-Wide Terms and Conditions.

(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 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)(B)	Equip the internal floating roof with two seals mounted above the other to form a continuous closure that completely covers the space between the wall of the

	tank and the edge of the internal floating roof.
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 set the vents 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.

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 maintain annual records of the VOC emissions, in tons.
- (4) 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)(3) and (a)(2)	Visually inspect the internal floating roof and the primary and secondary 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.
60.115b(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.

- (5) The ten year inspection required by 40 CFR Part 60.113b(a)(4) may be conducted while the tank is in service.

e) Reporting Requirements

- (1) All applications, notifications or reports required by terms and conditions in this permit to be submitted or "reported in writing" are to be submitted to Ohio EPA through the Ohio EPA's eBusiness Center: Air Services web service ("Air Services"). Ohio EPA will accept hard copy submittals on an as-needed basis if the permittee cannot submit the required documents through the Ohio EPA eBusiness Center. In the event of an alternative hard copy submission in lieu of the eBusiness Center, the post-marked date or the date the document is delivered in person will be recognized as the date submitted. Electronic submission of applications, notifications, or reports required to be submitted to Ohio EPA fulfills the requirement to submit the required information to the Director, the District Office or Local Air Agency, and/or any other individual or organization specifically identified as an additional recipient identified in this permit unless otherwise specified. Consistent with OAC rule 3745-15-03, the required application, notification or report is considered to be "submitted" on the date the submission is successful using a valid electronic signature. Signature by the signatory authority may be represented as provided through procedures established in Air Services.

- (2) The permittee shall notify the Ohio EPA, Central District Office 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.
- (3) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA. The PER must be completed electronically and submitted via the Ohio EPA e-Business Center: Air Services 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.
- (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)	Provide an 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).
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.



60.116b(d)	Notify the Administrator within 30 days when the maximum true vapor pressure of the liquid exceeds the maximum true vapor pressure values for the applicable volume range.
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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. The permittee shall comply with the applicable testing and procedures requirements as specified in 40 CFR Part 60.113b.

g) Miscellaneous Requirements

- (1) None.

6. T032, Storage Tank #240

Operations, Property and/or Equipment Description:

Allentech, Inc. Flex-A-Span 420,000 gal VOC liquid storage vessel equipped with an internal floating roof and 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)f.

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 3745-21-09(L)	See c)(1), d)(1), d)(2), and e)(2).
b.	OAC rule 3745-31-05(A)(3), as effective 11/30/01	<p>Volatile organic compound (VOC) emissions shall not exceed 4.02 tons per year.</p> <p>See b)(2)a.</p>
c.	OAC rule 3745-31-05(A)(3)(ii), as effective 12/01/06	See b)(2)b.
d.	<p>40 CFR Part 60, Subpart Kb (40 CFR CFR 60.11b – 60.117b)</p> <p>[In accordance with 40 CFR 60.110b(a) and 60.112b(a), this emissions unit is a storage vessel with a capacity greater than 75 m³ (19,815 gallons) that is used to store volatile</p>	See c)(2), d)(4), and e)(4).



	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
	organic liquids with maximum true vapor pressure > 5.2 kPa (0.75 psia) and < 76.6 kPa (11.1 psia) for which construction, reconstruction or modification commenced after July 23, 1984.]	
e.	40 CFR Part 60, Subpart A (40 CFR 60.1-19)	General Provisions
f.	OAC rule 3745-31-05(D) (Federally enforceable limitations to avoid Title V and MACT)	See Sections B.2. - 5. of the Facility-Wide Terms and Conditions.

(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.

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 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)(B)	Equip the internal floating roof with two seals mounted above the other to form a continuous closure that completely covers the space between the wall of the tank and the edge of the internal floating roof.
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 surface.
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 set the vents 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.

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.
- (3) The permittee shall maintain annual records of the VOC emissions, in tons.
- (4) 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)(3) and (a)(2)	Visually inspect the internal floating roof and the primary and secondary 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.
60.115b(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.

- (5) The ten year inspection required by 40 CFR Part 60.113b(a)(4) may be conducted while the tank is in service.

e) Reporting Requirements

- (1) All applications, notifications or reports required by terms and conditions in this permit to be submitted or "reported in writing" are to be submitted to Ohio EPA through the Ohio EPA's eBusiness Center: Air Services web service ("Air Services"). Ohio EPA will accept hard copy submittals on an as-needed basis if the permittee cannot submit the required documents through the Ohio EPA eBusiness Center. In the event of an alternative hard copy submission in lieu of the eBusiness Center, the post-marked date or the date the document is delivered in person will be recognized as the date submitted. Electronic submission of applications, notifications, or reports required to be submitted to Ohio EPA fulfills the requirement to submit the required information to the Director, the District Office or Local Air Agency, and/or any other individual or organization specifically identified as an additional recipient identified in this permit unless otherwise specified. Consistent with OAC rule 3745-15-03, the required application, notification or report is considered to be "submitted" on the date the submission is successful using a valid electronic signature. Signature by the signatory authority may be represented as provided through procedures established in Air Services.
- (2) The permittee shall notify the Ohio EPA, Central District Office 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.
- (3) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA. The PER must be completed electronically and submitted via the Ohio EPA e-Business Center: Air Services 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.
- (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)	Provide an 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).

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.
60.116b(d)	Notify the Administrator within 30 days when the maximum true vapor pressure of the liquid exceeds the maximum true vapor pressure values for the applicable volume range.

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. Emission Limitation
 VOC emissions shall not exceed 2.05 tons per year.

Applicable Compliance Method
 Compliance with the emission limitation shall be demonstrated by the use of USEPA "TANKS Program 4.0."
 - (2) Compliance with the control measure requirements in Section c) of these terms and conditions shall be demonstrated by a review facility records during a facility compliance inspection and record keeping requirements outlined in Section d).
 - (3) The permittee shall comply with the applicable testing and procedures requirements as specified in 40 CFR Part 60.113b.

g) Miscellaneous Requirements

- (1) None.

7. Emissions Unit Group -4.2 MMGal Tanks: T025,T026,

EU ID	Operations, Property and/or Equipment Description
T025	4.2 mm gallon internal floating roof storage tank
T026	4.2 mm gallon internal floating roof 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. b)(1)e.

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 3745-21-09(L)	See c)(1), d)(1), d)(2), and e)(2).
b.	OAC rule 3745-31-05(A)(3)(c) (established by PTI 01-2548, issued on June 27, 1990 for T025 and PTI 01-3046, issued on March 13, 1991 for T026)	<p><u>For T025:</u></p> <p>Volatile organic compounds (VOC) emissions shall not exceed 2.83 tons per year.</p> <p><u>For T026:</u></p> <p>VOC emissions shall not exceed 0.65 tons per year.</p>
c.	40 CFR Part 60, Subpart Kb (40 CFR CFR 60.11b – 60.117b) [In accordance with 40 CFR 60.110b(a) and 60.112b(a),	See c)(2), d)(4), and e)(4).



	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
	this emissions unit is a storage vessel with a capacity greater than 75 m3 (19,815 gallons) that is used to store volatile organic liquids with maximum true vapor pressure > 5.2 kPa (0.75 psia) and < 76.6 kPa (11.1 psia) for which construction, reconstruction or modification commenced after July 23, 1984.]	
d.	40 CFR Part 60, Subpart A (40 CFR 60.1-19)	General Provisions
e.	OAC rule 3745-31-05(D) (Federally enforceable limitations to avoid Title V and MACT)	See Sections B.2. - 5. of the Facility-Wide Terms and Conditions.

(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 sections:

60.112b(a)(1)	Equip each storage vessel with a fixed roof in combination with an internal floating roof.
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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)(B)	Equip the internal floating roof with two seals mounted above the other to form a continuous closure that completely covers the space between the wall of the tank and the edge of the internal floating roof.
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 surface.
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 set the vents 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.

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 maintain annual records of the VOC emissions, in tons.
- (4) 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)(3) and (a)(2)	Visually inspect the internal floating roof and the primary and secondary 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.

60.115b(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.

- (5) The ten year inspection required by 40 CFR Part 60.113b(a)(4) may be conducted while the tank is in service.

e) Reporting Requirements

- (1) All applications, notifications or reports required by terms and conditions in this permit to be submitted or "reported in writing" are to be submitted to Ohio EPA through the Ohio EPA's eBusiness Center: Air Services web service ("Air Services"). Ohio EPA will accept hard copy submittals on an as-needed basis if the permittee cannot submit the required documents through the Ohio EPA eBusiness Center. In the event of an alternative hard copy submission in lieu of the eBusiness Center, the post-marked date or the date the document is delivered in person will be recognized as the date submitted. Electronic submission of applications, notifications, or reports required to be submitted to Ohio EPA fulfills the requirement to submit the required information to the Director, the District Office or Local Air Agency, and/or any other individual or organization specifically

identified as an additional recipient identified in this permit unless otherwise specified. Consistent with OAC rule 3745-15-03, the required application, notification or report is considered to be "submitted" on the date the submission is successful using a valid electronic signature. Signature by the signatory authority may be represented as provided through procedures established in Air Services.

- (2) The permittee shall notify the Ohio EPA, Central District Office 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.
- (3) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA. The PER must be completed electronically and submitted via the Ohio EPA e-Business Center: Air Services 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.
- (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)	Provide an 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).
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.
60.116b(d)	Notify the Administrator within 30 days when the maximum true vapor pressure of the liquid exceeds the maximum true vapor pressure values for the applicable volume range.

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. Emission Limitation

Volatile organic compounds shall not exceed:

T025 – 2.83 tons per year

T026 – 0.65 ton per year

Applicable Compliance Method

Compliance with the emission limitation shall be demonstrated by the use of USEPA “TANKS Program 4.0.”

(2) Compliance with the control measure requirements in Section c) of these terms and conditions shall be demonstrated by a review facility records during a facility compliance inspection and record keeping requirements outlined in Section d).

(3) The permittee shall comply with the applicable testing and procedures requirements as specified in 40 CFR Part 60.113b.

g) Miscellaneous Requirements

(1) None.