



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

9/25/2013

Certified Mail

Mr. Nick Frosini
Buckeye Terminals LLC - Toledo West Terminal
469 Moon Clinton Road
Coraopolis, PA 15018

RE: FINALAIR POLLUTION PERMIT-TO-INSTALL AND OPERATE

Facility ID: 0448010067
Permit Number: P0109247
Permit Type: Renewal
County: Lucas

No	TOXIC REVIEW
No	SYNTHETIC MINOR TO AVOID MAJOR NSR
No	CEMS
No	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

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**

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/dapc/permitsurvey.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.

If you have any questions, please contact Toledo Department of Environmental Services at (419)936-3015 or the Office of Compliance Assistance and Pollution Prevention at (614) 644-3469.

Sincerely,



Michael W. Ahern, Manager

Permit Issuance and Data Management Section, DAPC

Cc: TDES



Response to Comments

Facility ID:	0448010067
Facility Name:	Buckeye Terminals LLC - Toledo West Terminal
Facility Description:	Toledo West Terminal
Facility Address:	2450 HILL AVENUE TOLEDO, OH 43607 Lucas County
Permit:	P0109247, Permit-To-Install and Operate - Renewal
A public notice for the draft permit issuance was published in the Ohio EPA Weekly Review and appeared in the Toledo Blade on 11/21/2012. The comment period ended on 12/21/2012.	
Hearing date (if held)	
Hearing Public Notice Date (if different from draft public notice)	

The following comments were received during the comment period specified. Ohio EPA reviewed and considered all comments received during the public comment period. By law, Ohio EPA has authority to consider specific issues related to protection of the environment and public health. Often, public concerns fall outside the scope of that authority. For example, concerns about zoning issues are addressed at the local level. Ohio EPA may respond to those concerns in this document by identifying another government agency with more direct authority over the issue.

In an effort to help you review this document, the questions are grouped by topic and organized in a consistent format. PDF copies of the original comments in the format submitted are available upon request.

1. Topic: None

- a. Comment: The draft permit is missing four emissions units (tanks: T005, T006, T007 and T008) that are listed on the permit profile. These tanks no longer qualify for a registration since they have uncontrolled emissions greater than five tons per year. They will not require a Federally enforceable restriction. These tanks need to be included in the permit. The facility has expressed they would like to have all EUs in one document.

Response: These tanks were installed in 1952 and no longer qualify for registration. Therefore they will require a permit. They are not subject to BAT and the NSPS Part 60 Subpart Kb due to installation date. Since these tanks are not federally enforceable they will not require a comment period before final issuance. They have the same terms and conditions as T001 – T004, so they will be added to this group on the permit.



FINAL

**Division of Air Pollution Control
Permit-to-Install and Operate
for
Buckeye Terminals LLC - Toledo West Terminal**

Facility ID:	0448010067
Permit Number:	P0109247
Permit Type:	Renewal
Issued:	9/25/2013
Effective:	9/25/2013
Expiration:	9/25/2018



Division of Air Pollution Control
Permit-to-Install and Operate
for
Buckeye Terminals LLC - Toledo West Terminal

Table of Contents

Authorization	1
A. Standard Terms and Conditions	4
1. What does this permit-to-install and operate ("PTIO") allow me to do?.....	5
2. Who is responsible for complying with this permit?	5
3. What records must I keep under this permit?	5
4. What are my permit fees and when do I pay them?.....	5
5. When does my PTIO expire, and when do I need to submit my renewal application?	5
6. What happens to this permit if my project is delayed or I do not install or modify my source?	6
7. What reports must I submit under this permit?	6
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?	6
9. What are my obligations when I perform scheduled maintenance on air pollution control equipment? ...	6
10. Do I have to report malfunctions of emissions units or air pollution control equipment? If so, how must I report?	7
11. Can Ohio EPA or my local air agency inspect the facility where the emission unit(s) is/are located?	7
12. What happens if one or more emissions units operated under this permit is/are shut down permanently?	7
13. Can I transfer this permit to a new owner or operator?.....	8
14. Does compliance with this permit constitute compliance with OAC rule 3745-15-07, "air pollution nuisance"?	8
15. What happens if a portion of this permit is determined to be invalid?	8
B. Facility-Wide Terms and Conditions.....	9
C. Emissions Unit Terms and Conditions	11
1. J001, Loading rack #1.....	12
2. J002, Loading rack #2.....	19
3. T019, Storage Tank #10	26
4. Emissions Unit Group -T001 - T008: T001,T002,T003,T004, T005, T006, T007, T008.....	31



Authorization

Facility ID: 0448010067
Application Number(s): A0042369, A0043924
Permit Number: P0109247
Permit Description: FEPTIO renewal permit for tanks and modification to annual throughput limitation for loading racks
Permit Type: Renewal
Permit Fee: \$0.00
Issue Date: 9/25/2013
Effective Date: 9/25/2013
Expiration Date: 9/25/2018
Permit Evaluation Report (PER) Annual Date: Jan 1 - Dec 31, Due Feb 15

This document constitutes issuance to:

Buckeye Terminals LLC - Toledo West Terminal
2450 HILL AVENUE
TOLEDO, OH 43607

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

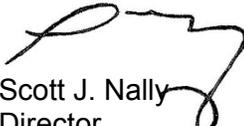
Ohio Environmental Protection Agency (EPA) District Office or local air agency responsible for processing and administering your permit:

Toledo Department of Environmental Services
348 South Erie Street
Toledo, OH 43604
(419)936-3015

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

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency


Scott J. Nally
Director



Authorization (continued)

Permit Number: P0109247
 Permit Description: FEPTIO renewal permit for tanks and modification to annual throughput limitation for loading racks

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: | Loading rack #1 |
| Superseded Permit Number: | P0088083 |
| General Permit Category and Type: | Not Applicable |
| Emissions Unit ID: | J002 |
| Company Equipment ID: | Loading rack #2 |
| Superseded Permit Number: | P0088083 |
| General Permit Category and Type: | Not Applicable |
| Emissions Unit ID: | T005 |
| Company Equipment ID: | TANK #7 |
| Superseded Permit Number: | P0032591 |
| General Permit Category and Type: | Not Applicable |
| Emissions Unit ID: | T006 |
| Company Equipment ID: | TANK #8 |
| Superseded Permit Number: | P0032592 |
| General Permit Category and Type: | Not Applicable |
| Emissions Unit ID: | T007 |
| Company Equipment ID: | TANK #1, AVIATION GASOLINE |
| Superseded Permit Number: | P0032593 |
| General Permit Category and Type: | Not Applicable |
| Emissions Unit ID: | T008 |
| Company Equipment ID: | JET-A KEROSENE |
| Superseded Permit Number: | P0032594 |
| General Permit Category and Type: | Not Applicable |
| Emissions Unit ID: | T019 |
| Company Equipment ID: | Storage Tank #10 |
| Superseded Permit Number: | P0088083 |
| General Permit Category and Type: | Not Applicable |

Group Name: T001 - T004

Emissions Unit ID:	T001
Company Equipment ID:	Storage Tank #6
Superseded Permit Number:	P0088083
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	T002
Company Equipment ID:	Storage Tank #5
Superseded Permit Number:	P0088083
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	T003
Company Equipment ID:	Storage Tank #4
Superseded Permit Number:	P0088083



Final Permit-to-Install and Operate
Buckeye Terminals LLC - Toledo West Terminal
Permit Number: P0109247
Facility ID: 0448010067
Effective Date:9/25/2013

General Permit Category andType:	Not Applicable
Emissions Unit ID:	T004
Company Equipment ID:	Storage Tank #3
Superseded Permit Number:	P0088083
General Permit Category andType:	Not Applicable



Final Permit-to-Install and Operate
Buckeye Terminals LLC - Toledo West Terminal
Permit Number: P0109247
Facility ID: 0448010067
Effective Date: 9/25/2013

A. Standard Terms and Conditions



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

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

2. Who is responsible for complying with this permit?

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

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

3. What records must I keep under this permit?

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

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

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

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

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

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

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

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



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

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

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

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

7. What reports must I submit under this permit?

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

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

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

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

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

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



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

If you have a reportable malfunction of any emissions unit(s) or any associated air pollution control system, you must report this to the Toledo Department of Environmental Services 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 submitting¹ a certification that identifies the date on which the emissions unit was permanently shut down. The certification must be submitted by an authorized official from the facility. You cannot continue to operate an emissions unit once the certification has been submitted to Ohio EPA by the authorized official.

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

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

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



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

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

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

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

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

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



Final Permit-to-Install and Operate
Buckeye Terminals LLC - Toledo West Terminal
Permit Number: P0109247
Facility ID: 0448010067
Effective Date:9/25/2013

B. Facility-Wide Terms and Conditions



1. This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).
 - a) For the purpose of a permit-to-install document, the facility-wide terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - (1) None.
 - b) For the purpose of a permit-to-operate document, the facility-wide terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - (1) None.
2. The Ohio EPA has determined that this facility is subject to the requirements of 40 CFR Part 63 Subpart BBBBBB, National Emission Standards for Hazardous Air Pollutants (NESHAP) for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities 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>.
3. The following emissions units contained in this permit are subject to 40 CFR Part 60, Subparts A and Kb: T019. The complete NSPS requirements, including the NSPS General Provisions may be accessed via the internet from the Electronic Code of Federal Regulations (e-CFR) website <http://www.ecfr.gov> or by contacting the Toledo Division of Environmental Services.
4. Hazardous air pollution (HAP) emissions from this facility shall be less than 10 tons per year of any individual HAP and less than 25 tons per year for any combination of HAP, each as a rolling, 12-month summation of the monthly emissions. The facility-wide PTE has been determined by the permittee to be less than 10 tons per year of any individual HAP and less than 25 tons per year for any combination of HAP taking into consideration the throughput restriction made enforceable in Section C. For J001 & J002. Therefore, it is not necessary to develop additional monitoring, record keeping, and/or reporting requirement to ensure compliance with these emissions limitations.



Final Permit-to-Install and Operate
Buckeye Terminals LLC - Toledo West Terminal
Permit Number: P0109247
Facility ID: 0448010067
Effective Date:9/25/2013

C. Emissions Unit Terms and Conditions



1. J001, Loading rack #1

Operations, Property and/or Equipment Description:

Five (5) bay gasoline and distillate loading rack equipped with 12 loading arms and activated carbon VRU with bladder tank to store excess emissions for 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)a., c)(1), d)(1), and e)(4)

b) Applicable Emissions Limitations and/or Control Requirements

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

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(D) (Synthetic Minor to avoid Title V and MACT)	The mass emissions of VOC from the vapor control system shall not exceed 0.019 pound of VOC per 1,000 gallons of distillate loaded into the delivery vessel. The combined VOC emissions from J001 and J002 shall not exceed 59.8 tons per year. The mass emissions of VOC from the vapor control system shall not exceed 0.38 pound of VOC per 1,000 gallons of gasoline loaded into the delivery vessel.
b.	OAC rule 3745-21-09(Q)	See b)(2)a. and c)(3) through c)(8)
c.	40 CFR Part 63, Subpart R	Exempt
d.	40 CFR Part 60, Subpart XX	Exempt



- (2) Additional Terms and Conditions
 - a. The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(D).
- c) Operational Restrictions
 - (1) The combined annual throughput for J001 and J002 shall not exceed 300,000,000 gallons of gasoline and 300,000,000 gallons of distillates (i.e. jet fuel, kerosene, diesel fuel, heating oil, and fuel oil), as a rolling, 12-month summation.
 - (2) The vapor recovery system shall be kept in good working order and shall be used at all times during the transfer of gasoline or distillates (i.e. jet fuel, kerosene, diesel fuel, heating oil, or fuel oil) into gasoline tank trucks (as defined by 40 CFR 60.501). Transfer of gasoline or distillate into gasoline tank trucks without vapor controls is prohibited. Approval to load without vapor controls during malfunction or scheduled maintenance of controls is prohibited. Approval to load without vapor controls during malfunction or scheduled maintenance of the vapor recovery system will require prior approval of the Toledo Division of Environmental Services in accordance with OAC rule 3745-15-06, "Malfunction of Equipment; Scheduled Maintenance; Reporting".
 - (3) The loading rack shall be equipped with a vapor collection system whereby during the transfer of gasoline to any delivery vessel:
 - a. all vapors displaced from the delivery vessel during loading are vented only to the vapor collection system; and
 - b. the pressure in the vapor collection system is maintained between minus 6 and plus 18 inches of water gauge pressure.
 - (4) The loading rack shall be equipped with a vapor control system whereby:
 - a. all vapors collected by the vapor collection system are vented to the vapor control system;
 - b. any liquid gasoline returned to a stationary storage tank from the vapor control system is free of entrained air to the extent possible with good engineering design.
 - (5) The loading rack shall be provided with a means to prevent drainage of gasoline from the loading device when it is not in use or to accomplish complete drainage before the loading device is disconnected.
 - (6) All gasoline loading lines and vapor lines shall be equipped with fittings which are vapor tight.
 - (7) 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.
 - (8) The permittee shall repair any leak from the vapor collection system or vapor control system within fifteen 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 one hundred percent of the lower explosive limit as propane, as determined under paragraph (K) of OAC rule 3745-21-10.

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

- (1) The permittee shall maintain monthly records for J001 and J002 of the following information:
 - a. the total, individual throughputs of gasoline and distillates, in gallons; and
 - b. the rolling, 12-month summations of the total individual throughputs of gasoline and distillates, in gallons, calculated by adding current month's throughputs at this facility to the throughputs for the preceding eleven calendar months from all throughputs at this facility.

These records and all supporting data shall be retained in the company's files for a period of not less than five years and shall be made available to the Director, or any authorized representative of the Director for review during normal business hours.

- (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) The permittee shall perform monthly monitoring of all potential sources of vapor leaks from the terminal's vapor collection system and vapor control system while a gasoline tank truck is being loaded. The monthly monitoring shall be conducted approximately every 30 days. Where vapor leaks are determined to be 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, the permittee shall maintain a record of the following information:
 - a. the date the leak was detected;
 - b. the findings of the inspection for the leak, which shall indicate the location, nature, and severity of the leak;
 - c. the leak detection method;
 - d. the corrective action(s) taken to repair each leak and the date of final repair;
 - e. the reasons for any repair interval exceeding 15 calendar days (from the time of detection to the date of final repair) for each leak equal to or greater than one hundred per cent of the lower explosive limit as propane, as determined under paragraph (K) of OAC rule 3745-21-10; and



f. the inspector's name and signature.

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

- (4) The permittee shall perform monthly monitoring of the exhaust gas VOC concentration from both carbon adsorption vessels on the vapor recovery unit using 40 CFR Part 60, Appendix A, Method 21 procedure for open-ended lines. Measurements will be recorded during the processing of vapors during the last 5 minutes of the adsorption cycle for each vessel. The exhaust gas VOC concentration shall not exceed 4% (as propane). VOC readings in excess of the compliant value will require the permittee to take corrective action to prevent similar exceedances from occurring in the future.
- (5) The permittee shall maintain records of the monthly monitored VOC concentrations detected in the exhaust gases from the vapor recovery units. These records and all supporting data shall be maintained in the company's files for a period of not less than five years and shall be made available to the Director, or any authorized representative of the Director for review during normal business hours.

e) Reporting Requirements

- (1) 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 eBusiness 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.
- (2) The permittee shall identify the following information in the annual permit evaluation report:
 - a. 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. This report shall include the date the leak was detected and the date the leak was repaired;
 - b. any exceedance of the exhaust gas vapor concentration from the carbon adsorption vessels;
 - c. all deviations (excursions) of the operational restrictions c)(2) through c)(8) about vapor recovery system, loading racks, gasoline loading lines and vapor lines, spill discard into sewer open containers and leak from vapor collection system.
- (3) 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.
- (4) The permittee shall submit quarterly deviation (excursion) reports that identify:
 - a. any exceedance of the rolling, 12-month throughput limitations for gasoline and distillates;



- b. the actual rolling, 12-month throughput levels for gasoline and distillates, in gallons, for J001 and J002.

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).

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:

0.38 lb VOC per thousand gallons of gasoline loaded

Applicable Compliance Method:

Compliance shall be demonstrated by the most recent stack test which demonstrated compliance with the allowable emissions limitation (0.05 pound VOC per 1000 gallons of gasoline based on stack testing performed May 19, 2010).

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with the methods and procedures specified in OAC rule 3745-21-10(E). Alternative U.S. EPA approved test methods may be used with prior written approval from the Ohio EPA.

- b. Emission Limitation:

0.019 lb VOC per thousand gallons of distillate loaded

Applicable Compliance Method:

Compliance may be determined based on the uncontrolled emission factor specified in USEPA reference document AP-42 (0.016 pound VOC per 1000 gallons of jet kerosene), Fifth Edition, Compilation of Air Pollution Emission Factors, Table 5.2-5 dated 6/08.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 through 4 and 25 or 25A of 40 CFR Part 60, Appendix A, as appropriate, using the methods and procedures specified in OAC rule 3745-21-10. The results of the stack testing shall be reported as pounds of VOC per hour as propane.



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

c. Emission Limitation:

The combined total VOC emissions from J001 and J002 shall not exceed 59.8 tons per year.

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable VOC emission rates for gasoline and distillate (0.38 and 0.019 lb VOC /1000 gallons, respectively) by the maximum annual throughput (300,000,000 gallons gasoline and 300,000,000 gallons of distillates) summing the results, and dividing by 2,000 pounds per ton. Therefore, if compliance is shown with the allowable VOC emissions rates and the throughput restrictions, compliance shall also be shown with the annual emission limitation.

(2) The permittee shall conduct, or have conducted, emission testing for J001 and J002 in accordance with the following requirements:

- a. The emission testing shall be conducted within 6 months prior to permit expiration.
- b. The testing shall be conducted to demonstrate compliance with the allowable mass emission rate for VOC for gasoline loading (0.38 lb/1000 gallons).
- c. The following test methods shall be employed to demonstrate compliance with the allowable mass emission rate: methods and procedures specified in OAC rule 3745-21-10(E)
- d. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.
- e. The test(s) shall be conducted under those representative conditions that challenge to the fullest extent possible a facility's ability to meet the applicable emissions limit and/or control requirements, unless otherwise specified or approved by the Toledo Division of Environmental Services. Although this generally consists of operating the emissions unit at its maximum material input/production rates and results in the highest emission rate of tested pollutant, there may be circumstances where a lower emissions loading is deemed the most challenging control scenario. Failure to test under these conditions is justification for not accepting the test results as a demonstration of compliance.
- f. Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Toledo Division of Environmental Services. 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 Toledo Division of Environmental Services refusing to accept the results of the emission test(s).

- g. Personnel from the Toledo Division of Environmental Services 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.
- h. 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 Toledo Division of Environmental Services within 30 days following the 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 Toledo Division of Environmental Services.

g) Miscellaneous Requirements

- (1) None.



2. J002, Loading rack #2

Operations, Property and/or Equipment Description:

Two (2) bay gasoline and distillate loading rack equipped with 4 loading arms and activated carbon VRU with bladder tank to store excess emissions for 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)b., c)(1), d)(1), and e)(4)

b) Applicable Emissions Limitations and/or Control Requirements

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

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3) (PTI 04-840, issued 4/14/93)	The mass emissions of VOC from the vapor control system shall not exceed 0.019 pound of VOC per 1,000 gallons of distillate loaded into the delivery vessel. See b)(2)a.
b.	OAC rule 3745-31-05(D) (Synthetic Minor to avoid Title V and MACT)	The combined VOC emissions from J001 and J002 shall not exceed 59.8 tons per year. The mass emissions of VOC from the vapor control system shall not exceed 0.38 pound of VOC per 1,000 gallons of gasoline loaded into the delivery vessel.
c.	OAC rule 3745-21-09(Q)	See b)(2)b. and c)(3) through)(8)
d.	40 CFR Part 63, Subpart R	Exempt
e.	40 CFR Part 60, Subpart XX	Exempt



- (2) Additional Terms and Conditions
 - a. The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-09(Q).
 - b. The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(D).
- c) Operational Restrictions
 - (1) The combined annual throughput for J001 and J002 shall not exceed 300,000,000 gallons of gasoline and 300,000,000 gallons of distillates (i.e. jet fuel, kerosene, diesel fuel, heating oil, and fuel oil), as a rolling, 12-month summation.
 - (2) The vapor recovery system shall be kept in good working order and shall be used at all times during the transfer of gasoline or distillates (i.e. jet fuel, kerosene, diesel fuel, heating oil, or fuel oil) into gasoline tank trucks (as defined by 40 CFR 60.501). Transfer of gasoline or distillate into gasoline tank trucks without vapor controls is prohibited. Approval to load without vapor controls during malfunction or scheduled maintenance of controls is prohibited. Approval to load without vapor controls during malfunction or scheduled maintenance of the vapor recovery system will require prior approval of the Toledo Division of Environmental Services in accordance with OAC rule 3745-15-06, "Malfunction of Equipment; Scheduled Maintenance; Reporting".
 - (3) The loading rack shall be equipped with a vapor collection system whereby during the transfer of gasoline to any delivery vessel:
 - a. all vapors displaced from the delivery vessel during loading are vented only to the vapor collection system; and
 - b. the pressure in the vapor collection system is maintained between minus 6 and plus 18 inches of water gauge pressure.
 - (4) The loading rack shall be equipped with a vapor control system whereby:
 - a. all vapors collected by the vapor collection system are vented to the vapor control system;
 - b. any liquid gasoline returned to a stationary storage tank from the vapor control system is free of entrained air to the extent possible with good engineering design.
 - (5) The loading rack shall be provided with a means to prevent drainage of gasoline from the loading device when it is not in use or to accomplish complete drainage before the loading device is disconnected.
 - (6) All gasoline loading lines and vapor lines shall be equipped with fittings which are vapor tight.
 - (7) 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.



- (8) The permittee shall repair any leak from the vapor collection system or vapor control system within fifteen 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 one hundred percent of the lower explosive limit as propane, as determined under paragraph (K) of OAC rule 3745-21-10.

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

- (1) The permittee shall maintain monthly records for J001 and J002 of the following information:
- a. the total, individual throughputs of gasoline and distillates, in gallons; and
 - b. the rolling, 12-month summations of the total individual throughputs of gasoline and distillates, in gallons, calculated by adding current month's throughputs at this facility to the throughputs for the preceding eleven calendar months from all throughputs at this facility.

These records and all supporting data shall be retained in the company's files for a period of not less than five years and shall be made available to the Director, or any authorized representative of the Director for review during normal business hours.

- (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) The permittee shall perform monthly monitoring of all potential sources of vapor leaks from the terminal's vapor collection system and vapor control system while a gasoline tank truck is being loaded. The monthly monitoring shall be conducted approximately every 30 days. Where vapor leaks are determined to be 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, the permittee shall maintain a record of the following information:
- a. the date the leak was detected;
 - b. the findings of the inspection for the leak, which shall indicate the location, nature, and severity of the leak;
 - c. the leak detection method;
 - d. the corrective action(s) taken to repair each leak and the date of final repair;
 - e. the reasons for any repair interval exceeding 15 calendar days (from the time of detection to the date of final repair) for each leak equal to or greater than one hundred per cent of the lower explosive limit as propane, as determined under paragraph (K) of OAC rule 3745-21-10; and



f. the inspector's name and signature.

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

- (4) The permittee shall perform monthly monitoring of the exhaust gas VOC concentration from both carbon adsorption vessels on the vapor recovery unit using 40 CFR Part 60, Appendix A, Method 21 procedure for open-ended lines. Measurements will be recorded during the processing of vapors during the last 5 minutes of the adsorption cycle for each vessel. The exhaust gas VOC concentration shall not exceed 4% (as propane). VOC readings in excess of the compliant value will require the permittee to take corrective action to prevent similar exceedances from occurring in the future.
- (5) The permittee shall maintain records of the monthly monitored VOC concentrations detected in the exhaust gases from the vapor recovery units. These records and all supporting data shall be maintained in the company's files for a period of not less than five years and shall be made available to the Director, or any authorized representative of the Director for review during normal business hours.

e) Reporting Requirements

- (1) 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 eBusiness 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.
- (2) The permittee shall identify the following information in the annual permit evaluation report:
 - a. 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. This report shall include the date the leak was detected and the date the leak was repaired;
 - b. any exceedance of the exhaust gas vapor concentration from the carbon adsorption vessels;
 - c. all deviations (excursions) of the operational restrictions c)(2) through c)(8) about vapor recovery system, loading racks, gasoline loading lines and vapor lines, spill discard into sewer open containers and leak from vapor collection system.
- (3) 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.
- (4) The permittee shall submit quarterly deviation (excursion) reports that identify:
 - a. any exceedance of the rolling, 12-month throughput limitations for gasoline and distillates;



- b. the actual rolling, 12-month throughput levels for gasoline and distillates, in gallons, for J001 and J002

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).

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:

0.38 lb VOC per thousand gallons of gasoline loaded

Applicable Compliance Method:

Compliance shall be demonstrated by the most recent stack test which demonstrated compliance with the allowable emissions limitation (0.05 pound VOC per 1000 gallons of gasoline based on stack testing performed May 19, 2010).

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with the methods and procedures specified in OAC rule 3745-21-10(E). Alternative U.S. EPA approved test methods may be used with prior written approval from the Ohio EPA.

- b. Emission Limitation:

0.019 lb VOC per thousand gallons of distillate loaded

Applicable Compliance Method:

Compliance may be determined based on the uncontrolled emission factor specified in USEPA reference document AP-42 (0.016 pound VOC per 1000 gallons of jet kerosene), Fifth Edition, Compilation of Air Pollution Emission Factors, Table 5.2-5 dated 6/08.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 through 4 and 25 or 25A of 40 CFR Part 60, Appendix A, as appropriate, using



the methods and procedures specified in OAC rule 3745-21-10. The results of the stack testing shall be reported as pounds of VOC per hour as propane. Alternative U.S. EPA approved test methods may be used with prior written approval from the Ohio EPA.

c. Emission Limitation:

The combined total VOC emissions from J001 and J002 shall not exceed 59.8 tons per year.

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable VOC emission rates for gasoline and distillate (0.38 and 0.019 lb VOC /1000 gallons, respectively) by the maximum annual throughput (300,000,000 gallons gasoline and 300,000,000 gallons of distillates) summing the results, and dividing by 2,000 pounds per ton. Therefore, if compliance is shown with the allowable VOC emissions rates and the throughput restrictions, compliance shall also be shown with the annual emission limitation.

(2) The permittee shall conduct, or have conducted, emission testing for J001 and J002 in accordance with the following requirements:

- a. The emission testing shall be conducted within 6 months prior to permit expiration.
- b. The testing shall be conducted to demonstrate compliance with the allowable mass emission rate for VOC for gasoline loading (0.38 lb/1000 gallons).
- c. The following test methods shall be employed to demonstrate compliance with the allowable mass emission rate: methods and procedures specified in OAC rule 3745-21-10(E).

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

- d. The test(s) shall be conducted under those representative conditions that challenge to the fullest extent possible a facility's ability to meet the applicable emissions limit and/or control requirements, unless otherwise specified or approved by the Toledo Division of Environmental Services. Although this generally consists of operating the emissions unit at its maximum material input/production rates and results in the highest emission rate of tested pollutant, there may be circumstances where a lower emissions loading is deemed the most challenging control scenario. Failure to test under these conditions is justification for not accepting the test results as a demonstration of compliance.
- e. Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Toledo Division of Environmental Services. 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 Toledo Division of Environmental Services refusing to accept the results of the emission test(s).

- f. Personnel from the Toledo Division of Environmental Services 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.
- g. 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 Toledo Division of Environmental Services within 30 days following the 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 Toledo Division of Environmental Services..

g) Miscellaneous Requirements

- (1) None.



3. T019, Storage Tank #10

Operations, Property and/or Equipment Description:

Internal floating roof storage tank for gasoline or distillate fuel

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

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3) (PTI 04-723, issued 7/15/1992)	The emissions of VOC from this emissions unit shall not exceed 1.33 tons per year. See b)(2)a.
b.	OAC rule 3745-21-09(L)	See b)(2)b.
c.	40 CFR Part 60, Subpart Kb (40 CFR 60.110b – 60.117b) [In accordance with 40 CFR 60.112b, this emissions unit is a storage vessel with a capacity greater than 151 m ³ storing volatile organic liquid having a maximum true vapor pressure greater than 0.508 psia and less than 11.11 psia installed after June 23, 1984 (from NSDS K _b applicability) subject to the emissions limitation/control measures specified in this section.]	See c)(1).



	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
d.	40 CFR Part 60, Subpart A (40 CFR 60.1-60.19)	See b)(2)c.

(2) Additional Terms and Conditions

- a. The requirements established pursuant to this rule also include compliance with the requirements of OAC rule 3745-21-09(L) and 40 CFR Part 60 Subpart Kb.
- b. The requirements specified by this rule are less stringent than emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
- c. 40 CFR Part 60 subpart A provides applicability provisions, definitions, and other general provisions that are pertinent to emissions units affected by 40 CFR Part 60.

c) Operational Restrictions

- (1) The permittee shall maintain a fixed roof in combination with an internal floating roof meeting the following specifications:

60.112b(a)(1)	The permittee shall equip the storage vessel with a fixed roof in combination with an internal floating roof meeting the following specifications
60.112b(a)(1)(i)	The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal floating roof shall be floating on the liquid surface at all times, except during initial fill and during those intervals when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible.
60.112b(a)(1)(ii)	The internal floating roof shall be equipped with one of the following closure devices: a foam log seal, two wiper seals or a mechanical shoe seal.
60.112b(a)(1)(iii)	Each opening in a noncontact internal floating roof except for automatic bleeder vents (vacuum breaker vents) and the rim space vents is to provide a projection below the liquid surface.
60.112b(a)(1)(iv)	Each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub



	drains is to be equipped with a cover or lid which is to be maintained in a closed position at all times (i.e., no visible gap) except when the device is in actual use. The cover or lid shall be equipped with a gasket. Covers on each access hatch and automatic gauge float well shall be bolted except when they are in use.
60.112b(1)(v)	Automatic bleeder vents shall be equipped with a gasket and are to be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports.
60.112b(1)(vi)	Rim space vents shall be equipped with a gasket and are to be set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting.
60.112b(1)(vii)	Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The sample well shall have a slit fabric cover that covers at least 90 percent of the opening.
60.112b(1)(viii)	Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover.
60.112b(1)(ix)	Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover.

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

- (1) The permittee shall comply with the applicable monitoring and record keeping 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 for filling the storage vessel with VOL.
60.113b(a)(2)	For Vessels equipped with a liquid-mounted or mechanical shoe primary seal, visually inspect the internal floating roof and the primary seal or the secondary seal (if one is in service) through manholes and roof hatches on the fixed roof at least once every 12 months after initial fill. If the internal floating roof is not resting on the surface of the VOL inside the storage vessel, or there is liquid



	<p>accumulated on the roof, or the seal is detached, or there are holes or tears in the seal fabric, the owner or operator shall repair the items or empty and remove the storage vessel from service within 45 days. If a failure that is detected during inspections required in this paragraph cannot be repaired within 45 days and if the vessel cannot be emptied within 45 days, a 30-day extension may be requested from the Administrator in the inspection report required in § 60.115b(a)(3). Such a request for an extension must document that alternate storage capacity is unavailable and specify a schedule of actions the company will take that will assure that the control equipment will be repaired or the vessel will be emptied as soon as possible.</p>
60.113b(a)(3), (a)(3)(i), (a)(3)(ii)	<p>Visual Inspection of vessels equipped with a double seal system, Inspect as specified in 16.113b(a)(4) at least every 5 years and visually inspect according to 16.113b(a)(2).</p>
60.113b(a)(4)	<p>Visual Inspection of internal floating roof, the primary seal, the secondary seal, gaskets, slotted membranes and sleeve seals each time the storage vessel is emptied and degassed.</p>
60.115b(a)(2)	<p>Record of each inspection, content of each record required by 60.113b (a) (1), (a) (2), (a) (3), and (a) (4).</p>
60.116b(a)	<p>Records retention</p>
60.116b(b)	<p>Keep records showing the dimensions and analysis of capacity for the life of the storage vessel</p>
60.116b(c)	<p>Maintain record of volatile organic liquid stored, period of storage, and the maximum true vapor pressure during the respective storage period.</p>
60.116b(e)	<p>Vapor pressure determination based on available data on the storage temperature as instructed in 60.116b(e) for: vessels operated above or below ambient temperature, for crude oil or refined petroleum products and for other liquids.</p>

e) Reporting Requirements

- (1) The permittee shall submit reports and such other notifications and reports to the appropriate Ohio EPA District office or local air agency as are required pursuant to 40 CFR Part 60, Subpart Kb, per the following sections:



60.113b(a)5	Notification requirements prior to filling and refilling
60.115b(a)(3)	A report is required on conditions described in 60.113b(a)(2) that are detected during the annual visual inspection required by 60.113b(a)(2).
60.115b(a)(4)	Report Requirements for when control defects listed in 60.113b(a)(3)(ii) are found during the 60.113b(a)(3) inspection.

- (2) 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.
- (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 eBusiness 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. Emission Limitation:
 1.33 tons per year VOC

 Applicable Compliance Method:

 This emission limitation was developed using the most recent version of EPA's Tanks computer software. If required, the permittee shall demonstrate compliance with this emissions limitation by emissions calculated using Tanks 4.0.9d computer software and using the procedures outlined in AP-42 Section 7.1 Organic Liquid Storage Tanks dated November 2006.

g) Miscellaneous Requirements

- (1) None.



4. Emissions Unit Group -T001 - T008: T001,T002,T003,T004, T005, T006, T007, T008.

EU ID	Operations, Property and/or Equipment Description
T001	Domed external floating roof storage tank for gasoline or distillate fuel
T002	Domed external floating roof storage tank for gasoline or distillate fuel
T003	Domed external floating roof storage tank for gasoline or distillate fuel
T004	Domed external floating roof storage tank for gasoline or distillate fuel
T005	Internal Floating Roof Storage Tank for gasoline and distillate fuel
T006	Internal Floating Roof Storage Tank for gasoline and distillate fuel
T007	Internal Floating Roof Storage Tank for gasoline and distillate fuel
T008	Internal Floating Roof Storage Tank for gasoline and distillate fuel

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

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

a. None.

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

a. None.

b) Applicable Emissions Limitations and/or Control Requirements

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

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-21-09(L)	see c)(1)
b.	40 CFR Part 60, Subpart Kb	Exempt

(2) Additional Terms and Conditions

a. None.

c) Operational Restrictions

(1) The permittee shall install the following control equipment and shall maintain tank vents, seal, 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. 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.
 - c. All openings, except stub drains, shall be equipped with a cover, seal, or lid which is to be in a closed position at all times, except when in actual use for tank gauging or sampling.
- 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.

The permittee shall maintain records in a readily accessible location 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 rules.
- e) **Reporting Requirements**
- (1) Unless other arrangements have been approved by the Director, all notifications and reports shall be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal.
 - (2) 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 eBusiness 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) None.
- g) **Miscellaneous Requirements**
- (1) None.