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

3/12/2013

Certified Mail

Mr. Chris Wood
Centennial Energy- Navarre
3773 Cherry Creek North Drive
Suite 1000
Denver, CO 80209

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

RE: FINALAIR POLLUTION PERMIT-TO-INSTALL AND OPERATE
Facility ID: 1576165002
Permit Number: P0111751
Permit Type: Initial Installation
County: Stark

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.

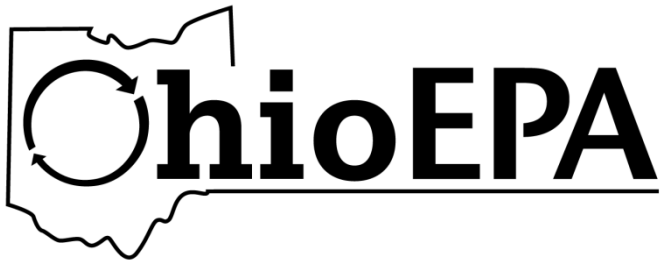
If you have any questions, please contact Canton City Health Department at (330)489-3385or the Office of Compliance Assistance and Pollution Prevention at (614) 644-3469.

Sincerely,

Michael W. Ahern

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

Cc: Canton



FINAL

Division of Air Pollution Control
Permit-to-Install and Operate
for
Centennial Energy- Navarre

Facility ID:	1576165002
Permit Number:	P0111751
Permit Type:	Initial Installation
Issued:	3/12/2013
Effective:	3/12/2013
Expiration:	3/12/2023

Division of Air Pollution Control
Permit-to-Install and Operate
for
Centennial Energy- Navarre

Table of Contents

Authorization

Facility ID:	1576165002
Application Number(s):	A0045578
Permit Number:	P0111751
Permit Description:	Installation of a petroleum hydrocarbon transloading and terminal operation in support of oil and gas production operations in the geographical area. Emissions controlled by the use of vapor balance systems integral to the operation.
Permit Type:	Initial Installation
Permit Fee:	$1,400.00
Issue Date:	3/12/2013
Effective Date:	3/12/2013
Expiration Date:	3/12/2023

Permit Evaluation Report (PER) Annual Date: Oct 1 - Sept 30, Due Nov 15

This document constitutes issuance to:

Centennial Energy- Navarre
1300 Erie St
Navarre, OH 44662

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:

Canton City Health Department
420 Market Avenue
Canton, OH 44702-1544
(330)489-3385

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: P0111751
Permit Description: Installation of a petroleum hydrocarbon transloading and terminal operation in support of oil and gas production operations in the geographical area. Emissions controlled by the use of vapor balance systems integral to the operation.

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

Emissions Unit ID:	**F001**
Company Equipment ID:	RW-1
Superseded Permit Number:	
General Permit Category and Type:	Not Applicable

Group Name: Loading/Unloading Racks

Emissions Unit ID:	**J001**
Company Equipment ID:	TL-1
Superseded Permit Number:	
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**J002**
Company Equipment ID:	TL-5
Superseded Permit Number:	
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**J003**
Company Equipment ID:	TL-16
Superseded Permit Number:	
General Permit Category andType:	Not Applicable

Group Name: Tanks

Emissions Unit ID:	**T001**
Company Equipment ID:	T-1
Superseded Permit Number:	
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**T002**
Company Equipment ID:	T-2
Superseded Permit Number:	
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**T003**
Company Equipment ID:	T-3
Superseded Permit Number:	
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**T004**
Company Equipment ID:	T-4
Superseded Permit Number:	
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**T005**
Company Equipment ID:	T-5
Superseded Permit Number:	
General Permit Category andType:	Not Applicable

Emissions Unit ID:	**T006**
Company Equipment ID:	T-6
Superseded Permit Number:	
General Permit Category andType:	Not Applicable

A. Standard Terms and Conditions

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

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

2. Who is responsible for complying with this permit?

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

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

3. What records must I keep under this permit?

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

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

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

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

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

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

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

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

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

If a complete renewal application is submitted before the expiration date, Ohio EPA considers this a timely application for purposes of ORC section 119.06, and you are authorized to continue operating the emissions unit(s) covered by this permit beyond the expiration date of this permit until final action is takenby 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 Canton City Health Department 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[1] 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.

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.

C. Emissions Unit Terms and Conditions

1. F001, RW-1

Operations, Property and/or Equipment Description:

Paved roadways and parking areas associated with the transloading facility

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), as effective 11/30/01 [Best Available Technology (BAT) for pollutants less than 10 tons per year]	3.0 tons/year of fugitive particulate matter less than 10 microns in diameter (PM10) No visible particulate emissions (PE) except for one minute during any 60-minute period Best available control measures that are sufficient to minimize or eliminate visible PE of fugitive dust See b)(2)a. and b)(2)c. through b)(2)g.
b.	OAC rule 3745-31-05(A)(3), as effective 12/01/06 [BAT exemption for pollutants less than 10 tpy]	See b)(2)b.
c.	OAC rule 3745-17-07(B) OAC rule 3745-17-08(B)	Exempt, not located in an area identified in Appendix A of OAC rule 3745-17-08

(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 requirements to satisfy BAT still exist as part of the federally-approved SIP for Ohio. Once U.S. EPA approves the December 1, 2006 version of the 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 rile 3745-31-05 as part of the SIP.

The BAT requirements under OAC rule 3745-31-05(A)(3) do not apply to PM10 emissions from this air contaminant source since the uncontrolled potential to emit for PM10 is less than 10 tons per year.

c. The permittee shall employ best available control measures on all paved roadways and parking areas for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's application, the permittee has committed to treat the paved roadways and parking areas by sweeping to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures (for example chemical stabilization, dust suppressant, watering) to ensure compliance.

d. The needed frequencies of implementation of the control measures shall be determined by the permittee's inspections pursuant to the monitoring section of this permit. Implementation of the control measures shall not be necessary for paved roadways and parking areas that are covered with snow and/or ice or if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements. Implementation of any control measure may be suspended if unsafe or hazardous driving conditions would be created by its use.

e. The permittee shall promptly remove, in such a manner as to minimize or prevent resuspension, earth and/or other material from paved streets onto which such material has been deposited by trucking or earth moving equipment or erosion by water or other means.

f. Open bodies vehicles transporting materials likely to become airborne shall have such materials covered at all times if the control measure is necessary for the materials being transported.

g. Implementation of the above-mentioned control measures in accordance with the terms and conditions of this permit is appropriate and sufficient to satisfy the best available technology requirements of OAC rule 3745-31-05.

c) Operational Restrictions

(1) None.

d) Monitoring and/or Recordkeeping Requirements

(1) Except as otherwise provided in this section, the permittee shall perform inspections of each of the roadway segments and parking areas in accordance with the following frequencies:

paved roadways and parking areas	minimum inspection frequency
all roads and parking areas	daily

(2) The purpose of the inspections is to determine the need for implementing the above-mentioned control measures. The inspections shall be performed during representative, normal traffic conditions. No inspection shall be necessary for a roadway or parking area that is covered with snow and/or ice or if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements. Any required inspection that is not performed due to any of the above-identified events shall be performed as soon as such event(s) has (have) ended, except if the next required inspection is within one week.

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

a. The date and reason any required inspection was not performed, including those inspections that were not performed due to snow and/or ice cover or precipitation;

b. The date of each inspection where it was determined by the permittee that it was necessary to implement the control measures;

c. The dates the control measures were implemented; and

d. On a calendar quarter basis, the total number of days the control measures were implemented and the total number of days where snow and/or ice cover or precipitation were sufficient to not require the control measures.

(4) The information required in d)(3)d. shall be updated on a calendar quarter basis within 30 days after the end of each calendar quarter.

e) Reporting Requirements

(1) The reports required by this permit may be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal; or they may be mailed as a hard copy to the Canton City Health Department, Air Pollution Control Division, 420 Market Ave. North, Canton, Ohio 44702.

(2) The permittee shall submit an annual Permit Evaluation Report (PER) to the Canton City Health Department, Air Pollution Control Division 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 Limitations:

3.0 tons/year of fugitive PM10

Applicable Compliance Method:

Compliance with fugitive PM10 limitations shall be determined by using the emissions factor equations in Section 13.2.1, in Compilation of Air Pollutant Emissions Factors, AP-42, Fifth Edition, Volume 1 (revised 1/11) for paved roadways, as shown below. Initial compliance and establishment of the emission limitation was determined utilizing inputs representing current conditions, as supplied in the permit application, as follows:

$E = [k (sL)^{0.91} \times (W)^{1.02}] (1 – P/4N)$

Where:

E = annual or long-term average particulate emission factor in the same units as k

k = particle size multiplier = 0.0022 lb/VMT

sL = road surface silt loading (grams per square meter) (g/m^2) = 1.1 g/m^2

W = average weight (tons) of the vehicles traveling the road = 28.25 tons

P = number of “wet” days with at least 0.01 in of precipitation during the averaging period = 140 days

N = number of days in the averaging period = 365 days

Vehicle miles traveled (VMT) = 90,930

Therefore, E = 0.066 lb/VMT

(90,930 VMT/year)(0.066lb/VMT)(1ton/2,000 lbs) = 3.0 TPY PM10

b. Emission Limitations:

No visible PE from paved roadways and parking areas except for a period of time not to exceed one minute during any 60-minute observation period.

Applicable Compliance Method:

If required, compliance with the visible PE limitation listed above shall be determined in accordance with Test Method 22 as set forth in "Appendix on Test Methods" in 40 CFR, Part 60 ("Standards of Performance for New Stationary Sources").

g) Miscellaneous Requirements

(1) None.

2. J003, TL-15 and TL-16

Operations, Property and/or Equipment Description:

Transloading arms 15 and 16, dedicated to transferring Y-Grade natural gas liquids from pressurized trucks to pressurized rail vessels. Emissions are controlled by an integral vapor balance system.

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), as effective 11/30/01 [Best Available Technology (BAT) for pollutants less than 10 tons per year]	The vapor balance system shall route at least 98.7 percent, by weight, of Volatile Organic Compounds (VOC) in the displaced vapors to the tank truck. See b)(2)a. and b)(2)c. through b)(2)j, and c)(1)
b.	OAC rule 3745-31-05(A)(3), as effective 12/01/06 [BAT exemption for pollutants less than 10 tpy]	See b)(2)b.

(2) Additional Terms and Conditions

a. BAT has been determined to be compliance with b(2)b. – b)(2)j., and c)(1) below and compliance with the terms and conditions of this permit.

b. 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 requirements to satisfy BAT still exist as part of the federally-approved SIP for Ohio. Once U.S. EPA approves the December 1, 2006 version of the OAC rule 3745-31-05, then these emission limitations/control measures no longer apply.

c. This rule paragraph applies once U.S. EPA approves the December 1, 2006 version of OAC rule 3745-31-05 as part of the SIP.

The BAT requirements under OAC rule 3745-31-05(A)(3) do not apply to VOC emissions from this air contaminant source since the uncontrolled potential to emit for VOC is less than 10 tons per year.

d. All materials loaded through this emissions unit shall be accomplished through the use of a top load, submerged filling system.

e. For any transfer of Y-grade natural gas liquids from a tanker truck to a rail vessel via a transloader, the vapors displaced from the tanker truck shall be processed by a vapor balance system. This vapor balance system shall be equipped with a vapor tight vapor line from the truck's tank to the rail vessel and a means to ensure that the vapor line is connected before Y-grade natural gas liquids can be transferred. The vapor balance system shall be designed and operated to route at least 98.7 percent of displaced vapors from the loading process back to the tanker truck.

f. All Y-grade natural gas liquids loading lines, unloading lines and vapor lines shall be equipped with fittings which are vapor tight.

g. All leaks in liquid lines and vapor lines shall be repaired within fifteen days after identification.

h. The delivery vessel hatches shall be closed at all times during the loading of the delivery vessel.

i. There shall be no leaks in the delivery vessel pressure/vacuum relief valves and hatch covers.

j. The permittee shall not permit Y-grade natural gas liquid to be spilled, discarded in sewers, stored in open containers or handled in any other manner that would result in evaporation.

c) Operational Restrictions

(1) The vapor balance system shall be kept in good working order and shall be used at all times during the transfer of Y-grade natural gas liquids.

(2) Unloading of Y-grade natural gas liquids from tank trucks shall be limited to vapor-tight trucks using the following procedures:

a. require that tank identification number be recorded as each tank truck is unloaded at this emission unit;

b. not allow the unloading of nonvapor-tight trucks or trucks with expired DOT inspection at this emission unit; and

c. verify that the cargo tank has a current DOT inspection as indicated by the DOT marking, per 49 CFR Part 180, Subpart E and/or equivalent approved by the Ohio Environmental Protection Agency.

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall maintain a log of the downtime for the vapor balance system when this emission unit is in operation.

(2) While the Y-grade natural gas liquid is being loaded, the permittee shall monitor the vapor collection system for leaks. If vapor leaks are detected, 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); and

f. the inspector's name and signature.

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

(3) The permittee shall maintain a record of the cargo tank identification number and DOT test/identification date from the cargo tank DOT marking in the log for each tank truck unloading at the facility.

(4) The permittee shall collect and maintain monthly records of the throughput of Y-grade natural gas liquids for each month, in gallons.

e) Reporting Requirements

(1) The reports required by this permit may be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal; or they may be mailed as a hard copy to the Canton City Health Department, Air Pollution Control Division, 420 Market Ave. North, Canton, Ohio 44702.

(2) Any leaks in vapor or liquid lines that are not repaired within 15 days after identification [in accordance with d)(2)] shall be reported to the Canton City Health Department, Air Pollution Control Division within 30 days after the repair is completed.

(3) The permittee shall submit an annual Permit Evaluation Report (PER) to the Canton City Health Department, Air Pollution Control Division 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. The PER should also include:

a. identify each day when a leak is detected in the vapor balance system or the Y-grade natural gas liquid transfer hoses;

b. identify each day that Y-grade natural gas liquid is transferred via the transloader and the vapor balance system was not in operation.

f) Testing Requirements

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

a. Emissions Limitation:

The overall capture efficiency of the vapor balance system shall be greater than or equal to 98.7%.

Applicable Compliance Method:

The permittee shall demonstrate ongoing compliance based upon the monitoring and recordkeeping requirements of d)(1) - d)(3).

If required, the permittee shall perform test(s) to demonstrate the reduction efficiency of a vapor control system. These tests may include methods described in 40 CFR (Code of Federal Regulations) 63.11120 or another method approved by the Canton City Health Department, Air Pollution Control Division.

b. For informational purposes only:

BAT is based on the following factors and emission calculations:

Vapor balance efficiency = 99.5%*

Vapor collection efficiency (for vessels passing leak test) = 99.2%*

Overall reduction efficiency = 99.5 x 99.2 = 98.7%

Uncontrolled Emission Factor – Submerged loading, Dedicated normal service

Gasoline = 5 lbs/10^3 gal transferred (Table 5.2-5 in U.S.AP-42)

Crude Oil = 2 lbs/10^3 gal transferred (Table 5.2-5 in U.S.AP-42)

An average of the above two emission factors were used to represent Y-grade natural gas liquid = 3.5 lbs/10^3 gal transferred

VOC vapor emissions per year:

70,824,600 gal/yr x 3.5 lbs/10^3 x 0.00050 ton/lb x (1-.987) = 1.61 tpy

VOC vapor/spillage loss from trucks per year:

0.07gram/gal** x 70,824,600 gal/yr x 0.0022 lb/gram x 0.00050 ton/lb = 5.45 tpy

Total VOC = 1.61 tpy + 5.45 tpy = 7.06 tpy

* Basis: U.S. EPA AP-42, Section 5.2 (Transportation and Marketing of Petroleum Liquids)

**California Air Resources Board Report, Refinement of Fuel Cycle Emissions Analysis, April 20, 2001. Fuel from LPG Fuel Delivery (section 4.9.2).

g) Miscellaneous Requirements

(1) Modeling to demonstrate compliance with the "Toxic Air Contaminant Statute" in ORC 3704.03(F)(4)(b) was not necessary because the emissions unit's maximum annual emissions for each air toxic air contaminant, as defined in OAC rule 3745-114-01, will be less than 1.0 ton per year. OAC Chapter 3745-31 requires permittees to apply for and obtain a new or modified permit to install prior to making a "modification" as defined by OAC rule 3745-31-01. The permittee is hereby advised that changes in the composition of the materials or use of new materials that would cause the emissions of any toxic air contaminant to increase to above 1.0 ton per year may require the permittee to apply for and obtain a new permit to install.

3. Emissions Unit Group -Crude Unloading/Loading Racks: J001,J002

EU ID	Operations, Property and/or Equipment Description
J001	Loading rack transloading arms 1-4, bays 1 & 2, dedicated to transfer crude oil/condensate from pressurized tank trucks to storage tanks. Emissions are controlled by an integral vapor balance system.
J002	Loading rack transloading arms 5-14, bay 3, dedicated to transfer crude oil/condensate from storage tanks to rail vessels. Emissions are controlled by an integral vapor balance system.

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.	ORC 3704.03(T) [Best Available Technology (BAT) for pollutants greater than 10 tons per year]	The vapor balance system shall route at least 98.7 percent, by weight, of Volatile Organic Compounds (VOC) in the displaced vapors to the tank truck or rail vessel. See b)(2)a. through b)(2)h., and c)(1)

(2) Additional Terms and Conditions

a. BAT has been determined to be compliance with b(2)b. – b)(2)h., and c)(1) below and compliance with the terms and conditions of this permit.

b. All materials loaded or unloaded through these emissions units shall be accomplished through the use of a submerged filling system.

c. For any transfer of crude oil/condensate from a tanker truck to a storage tank or a storage tank to a rail vessel via a loading rack, the vapors displaced shall be processed by a vapor balance system. This vapor balance system shall be equipped with a vapor tight vapor line, and a means to ensure that the vapor line is connected before crude oil/condensate can be transferred. The vapor balance system shall be designed and operated to route at least 98.7 percent of displaced vapors from the loading process back to the tanker truck or rail vessel.

d. All crude oil/condensate loading lines, unloading lines and vapor lines shall be equipped with fittings which are vapor tight.

e. All leaks in liquid lines and vapor lines shall be repaired within fifteen days after identification.

f. The delivery vessel hatches shall be closed at all times during the unloading of the delivery vessel.

g. There shall be no leaks in the delivery vessel pressure/vacuum relief valves and hatch covers.

h. The permittee shall not permit crude oil/condensate to be spilled, discarded in sewers, stored in open containers or handled in any other manner that would result in evaporation.

c) Operational Restrictions

(1) The vapor balance system shall be kept in good working order and shall be used at all times during the transfer of crude oil/condensate.

(2) Unloading of crude oil/condensate from tank trucks shall be limited to vapor-tight trucks using the following procedures:

a. require that tank identification number be recorded as each tank truck is unloaded at this emission unit;

b. not allow the unloading of nonvapor-tight trucks or trucks with expired DOT inspection at this emission unit; and

c. verify that the cargo tank has a current DOT inspection as indicated by the DOT marking, per 49 CFR Part 180, Subpart E and/or equivalent approved by the Ohio Environmental Protection Agency.

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall maintain a log of the downtime for the vapor balance system when this emission unit is in operation.

(2) While the crude oil/condensate is being unloaded, the permittee shall monitor the vapor collection system for leaks. If vapor leaks are detected, 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); and

f. the inspector's name and signature.

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

(3) The permittee shall maintain a record of the cargo tank identification number and DOT test/identification date from the cargo tank DOT marking in the log for each tank truck unloading at the facility.

(4) The permittee shall collect and maintain monthly records of the throughput of crude oil/condensate for each month, per emission unit, in gallons.

e) Reporting Requirements

(1) The reports required by this permit may be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal; or they may be mailed as a hard copy to the Canton City Health Department, Air Pollution Control Division, 420 Market Ave. North, Canton, Ohio 44702.

(2) Any leaks in vapor or liquid lines that are not repaired within 15 days after identification [in accordance with d)(2)] shall be reported to the Canton City Health Department, Air Pollution Control Division within 30 days after the repair is completed.

(3) The permittee shall submit an annual Permit Evaluation Report (PER) to the Canton City Health Department, Air Pollution Control Division 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. The PER should also include:

a. identify each day when a leak is detected in the vapor balance system or the crude oil/condensate transfer hoses;

b. identify each day that crude oil/condensate is transferred via the loading rack and the vapor balance system was not in operation.

f) Testing Requirements

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

a. Emissions Limitation:

The overall capture efficiency of the vapor balance system shall be greater than or equal to 98.7%.

Applicable Compliance Method:

The permittee shall demonstrate ongoing compliance based upon the monitoring and recordkeeping requirements of d)(1) - d)(3).

If required, the permittee shall perform test(s) to demonstrate the reduction efficiency of a vapor control system. These tests may include methods described in 40 CFR (Code of Federal Regulations) 63.11120 or another method approved by the Canton City Health Department, Air Pollution Control Division.

b. For informational purposes only:

BAT is based on the following factors and emission calculations:

Vapor balance efficiency = 99.5%*

Vapor collection efficiency (for vessels passing leak test) = 99.2%*

Overall reduction efficiency = 99.5 x 99.2 = 98.7%

Uncontrolled Emission Factor – Submerged loading, Dedicated normal service

Crude Oil = 2.0 lbs/10^3 gal transferred (Table 5.2-5 in U.S.AP-42)

Condensate is assumed to be equivalent to Crude Oil

VOC vapor emissions per year, for each emission unit:

153,300,000 gal/yr x 2.0 lbs/10^3 x 0.00050 ton/lb x (1-.987) = 2.0 tpy

VOC vapor/spillage loss, for each emission unit, per year:

0.07gram/gal** x 153,300,000 gal/yr x 0.0022 lb/gram x 0.00050 ton/lb = 11.8 tpy

Total VOCs = 2.0 tpy + 11.8 tpy = 13.8 tpy per emission unit

Total VOCs combined for J001 & J002 = 2 x 13.8 tpy = 27.6 tpy

* Basis: U.S. EPA AP-42, Section 5.2 (Transportation and Marketing of Petroleum Liquids)

**California Air Resources Board Report, Refinement of Fuel Cycle Emissions Analysis, April 20, 2001. Fuel from LPG Fuel Delivery (section 4.9.2).

g) Miscellaneous Requirements

(1) Modeling to demonstrate compliance with the "Toxic Air Contaminant Statute" in ORC 3704.03(F)(4)(b) was not necessary because the emissions unit's maximum annual emissions for each air toxic air contaminant, as defined in OAC rule 3745-114-01, will be less than 1.0 ton per year. OAC Chapter 3745-31 requires permittees to apply for and obtain a new or modified permit to install prior to making a "modification" as defined by OAC rule 3745-31-01. The permittee is hereby advised that changes in the composition of the materials or use of new materials that would cause the emissions of any toxic air contaminant to increase to above 1.0 ton per year may require the permittee to apply for and obtain a new permit to install.

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

EU ID	Operations, Property and/or Equipment Description
T001	20,000 gallon Crude Oil Internal Floating Roof (IFR) Tank- one of six tanks in the same service to manage storage and ultimate transfer of crude oil/condensate into transportation vessels.
T002	20,000 gallon Crude Oil IFR Tank- one of six tanks in the same service to manage storage and ultimate transfer of crude oil/condensate into transportation vessels.
T003	20,000 gallon Crude Oil IFR Tank- one of six tanks in the same service to manage storage and ultimate transfer of crude oil/condensate into transportation vessels.
T004	20,000 gallon Crude Oil IFR Tank- one of six tanks in the same service to manage storage and ultimate transfer of crude oil/condensate into transportation vessels.
T005	20,000 gallon Crude Oil IFR Tank- one of six tanks in the same service to manage storage and ultimate transfer of crude oil/condensate into transportation vessels.
T006	20,000 gallon Crude Oil IFR Tank- one of six tanks in the same service to manage storage and ultimate transfer of crude oil/condensate into transportation vessels.

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)(2)c. through e. and c)(1)

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), as effective 11/30/01 [Best Available Technology (BAT) for pollutants less than 10 tons per year]	Volatile organic compound (VOC) emissions from each tank (T001 – T006) shall not exceed 0.55 tons per year.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		The requirements of this rule include compliance with the requirements of OAC rule 3745-21-09(L) and 40 CFR Part 60, Subpart Kb. See b)(2)a. and c)(2) below.
b.	OAC rule 3745-31-05(A)(3), as effective 12/01/06 [BAT exemption for pollutants less than 10 tpy]	See b)(2)b. below.
c.	OAC rule 3745-21-09(L)	The requirements of this rule are less stringent than the requirements of 40 CFR Part 60, Subpart Kb.
d.	40 CFR Part 60, Subpart A (40 CFR 60.1 – 60.19)	General Provisions
e.	40 CFR Part 60, Subpart Kb (40 CFR 60.110b – 60.117b) See b)(2)c.	See b)(2)c. and d. and c)(1) below.

(2) Additional Terms and Conditions

a. The permittee has satisfied the Best Available Technology (BAT) requirements pursuant to OAC rule 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 ORC changes effective August 3, 2006 (S.B. 265 changes), such that BAT is no longer required by State regulation for NAAQS pollutant emissions 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 revision 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 limits/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 SIP.

The Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3) do not apply to the VOC emissions from this air contaminant source since the calculated annual emission rate for VOC is less than 10 tons/yr taking into account the federally enforceable rule requirement to install and operate floating roof tanks and comply with the vapor pressure limitation under NSPS Subpart Kb and OAC rule 3745-21-09(L).

c. In accordance with §60.110b(a) and §60.112b(a), this emission unit is a storage vessel, for which construction commenced after July 23, 1984, with a design capacity greater than or equal to 75 m^3 (19,812 gallons) but less than 151 m^3 (39,890 gallons) containing a volatile organic liquid (VOL) that, as stored, has a maximum true vapor pressure equal to or greater than 27.6 kPa (4.0 psia) but less than 76.6 kPa (11.1 psia). Therefore, it is subject to the emission limitations/control measures specified in section 60.112b.

d. In accordance with §60.110b(e)(1), owners or operators may choose to comply with 40 CFR part 65, Subpart C, to satisfy the requirements of 60.112b through 60.117b for storage vessels that are subject to this subpart that meet the specifications in paragraphs (e)(1)(i) or (ii) of this section. When choosing to comply with 40 CFR Part 65, Subpart C, the monitoring requirements of 60.116b(c), (e), (f)(1), and (g) still apply. Other provisions applying to owners or operators who choose to comply with 40 CFR Part 65 are provided in 40 CFR 65.1.

e. In accordance with §60.110b(e)(2), owners or operators who choose to comply with 40 CFR Part 65, Subpart C, must also comply with 60.1, 60.2, 60.5, 60.6, 60.7(a)(1) and (4), 60.14, 60.15, and 60.16 for those storage vessels. All sections and paragraphs of Subpart A of this part that are not mentioned in this paragraph (e)(2) do not apply to owners or operators of storage vessels complying with 40 CFR Part 65, Subpart C, except that provisions required to be met prior to implementing 40 CFR Part 65 still apply. Owners and operators who choose to comply with 40 CFR Part 65, Subpart C, must comply with 40 CFR Part 65, Subpart A.

c) Operational Restrictions

(1) The permittee shall comply with the applicable operational restrictions 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)(C)	Equip the internal floating roof with a mechanical shoe seal.
60.112b(a)(1)(iii)	Ensure each opening in the noncontact internal floating roof, except for automatic bleeder vents and rim space vents, provides a projection below the liquid service.
60.112b(a)(1)(iv)	Ensure each opening in the internal floating roof, except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells and stub drains, is equipped with a cover or lid maintained in a closed position except when

	the device is in actual use. Each cover or lid must be equipped with a gasket, and covers on each access hatch and automatic gauge float well shall be bolted except when in use.
60.112b(a)(1)(v)	Equip automatic bleeder vents with a gasket and ensure the vents are closed at all times except when the roof is being floated off or being landed on the roof leg supports.
60.112b(a)(1)(vi)	Equip rim space vents with a gasket and are to be set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting.
60.112b(a)(1)(vii)	Ensure each penetration of the internal floating roof for the purpose of sampling is a sample well. The sample well shall have a slit fabric cover that covers at least 90 percent of the opening.
60.112b(a)(1)(viii)	Ensure each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof has a flexible fabric sleeve seal or a gasketed sliding cover.
60.112b(a)(1)(ix)	Ensure each penetration of the internal floating roof that allows for passage of a ladder has a gasketed sliding cover.

(2) The permittee shall employ a submerged fill line during tank loading operations for these emission units.

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall maintain records of the actual annual throughput of crude oil/condensate, in gallons, per calendar year for each storage tank.

(2) The permittee shall maintain a record of the number of roof landings episodes during each calendar year.

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

60.113b(a)(1)	Visually inspect the internal floating roof and the primary seal prior to filling, and repair any holes tears or other openings before filling the storage vessel.
60.113b(a) 2)	Visually inspect the internal floating roof and the primary seal through manholes and roof hatches on the fixed roof at least once every 12 months after initial fill. If any of the conditions

	described are observed, either empty and remove the tank from service or take any necessary corrective action within 45 days unless a 30-day extension is requested.
60.113b(a)(4)	Visually inspect the internal floating roof, the primary seal, gaskets, slotted membranes and sleeve seals (if any) each time the storage vessel is emptied and degassed, at least once every 10 years. If any of the conditions described are observed, take any necessary corrective action prior to refilling the storage vessel.
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.
60.115b and 60.116b(a)	Maintain copies of all records required by 40 CFR Part 60, Subpart Kb for a period of at least 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 showing 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 maximum true vapor pressure using available data on storage temperature as determined pursuant to 60.116b(e)(1)-(e)(3).
60.7(b)	Maintain records of the occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility and any malfunction of the air pollution control equipment.

e) Reporting Requirements

(1) The reports required by this permit may be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal; or they may be mailed as a hard copy to the Canton City Health Department, Air Pollution Control Division, 420 Market Ave. North, Canton, Ohio 44702.

(2) The permittee shall submit an annual Permit Evaluation Report (PER) to the Canton City Health Department, Air Pollution Control Division by the due date identified in the Authorization section of this permit. The permit evaluation report shall cover a reporting period of no more than twelve-months for each air contaminant source identified in this permit.

(3) The permittee shall comply with the applicable reporting requirements required under 40 CFR Part 60, Subparts A and 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) of this section, except as provided in the rule.
60.7(a) and 60.115b(a)(1)	Initial notification of the date construction of the affected facility commenced and the actual date of initial startup of the affected facility. Attach a report that describes the control equipment and certifies that the control equipment meets the specifications of 60.112b(a)(1) and 60.113b(a)(1).
60.115b(a)(3)	Furnish a report to the Administrator within 30 days of detecting any of the conditions described in 60.113b(a)(2) during the annual visual inspection conducted pursuant to 60.113b(a)(2), if applicable.
60.116b(d)	When storing a VOL that is normally less than 27.6 kPa (4.0 psia), notify the Administrator within 30 days when the maximum true vapor pressure of the liquid exceeds 27.6 kPa.

(4) In accordance with §60.110b(e)(3), if an owner or operator installs an internal floating roof, and at initial startup, chooses to comply with 40 CFR Part 65, subpart C, a report shall be furnished to the Administrator stating that the control equipment meets the specifications of 40 CFR 65.43. This report shall be an attachment to the notification required by 40 CFR 65.5(b).

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. <u>Emissions Limitation:</u>

VOC emissions shall not exceed 0.55 ton per year, per tank.

Application Compliance Method:

Annual limitation was based on the potential to emit of 25,560,000 gallons throughput, per tank, as provided in the permit application, and using TANKS 4.0.9d.

Annual VOC emissions shall be calculated using the total petroleum liquid throughput for the 12-month period reported based on the use of a current version of the U.S. EPA's TANKS software program or using the procedures outlined in AP-42, Section 7.1 – Organic Liquid Storage Tanks – dated November 2006.

g) Miscellaneous Requirements

(1) None.