State of Ohio Environmental Protection Agency

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Columbus, Ohio 43215

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P.O. Box 1049
Columbus, OH 43216-1049

9/23/2008

Certified Mail

No	TOXIC REVIEW
No	PSD
No	SYNTHETIC MINOR
No	CEMS
No	MACT
Yes	NSPS
No	NESHAPS
No	NETTING
No	MAJOR NON-ATTAINMENT
No	MODELING SUBMITTED

Steve Bland
CITGO PETROLEUM CORP - DAYTON TERMINAL
1800 FARR DR
DAYTON, OH 45404

RE: DRAFT AIR POLLUTION PERMIT-TO-INSTALL AND OPERATE
Facility ID: 0857040915
Permit Number: P0103691
Permit Type: OAC Chapter 3745-31 Modification
County: Montgomery

Dear Permit Holder:

A draft of the Ohio Administrative Code (OAC) Chapter 3745-31 Air Pollution Permit-to-Install and Operate for the referenced facility has been issued for the emissions unit(s) listed in the Authorization section of the enclosed draft permit. This draft action is not an authorization to begin construction or modification of your emissions unit(s). The purpose of this draft is to solicit comments on the permit. A public notice will appear in the Ohio EPA Weekly Review and the local newspaper, Dayton Daily News. A copy of the public notice and the draft permit are enclosed. This permit has been posted to the Division of Air Pollution Control Web page http://www.epa.state.oh.us/dapc in Microsoft Word and Adobe Acrobat format. Comments will be accepted as a marked-up copy of the draft permit or in narrative format. Any comments must be sent to the following:

Andrew Hall
Permit Review/Development Section
Ohio EPA, DAPC
122 South Front Street
Columbus, Ohio 43215

and

Regional Air Pollution Control Agency
117 South Main Street
Dayton, OH 45422-1280

Comments and/or a request for a public hearing will be accepted within 30 days of the date the notice is published in the newspaper. You will be notified in writing if a public hearing is scheduled. A decision on issuing a final permit-to-install and operate will be made after consideration of comments received and oral testimony if a public hearing is conducted. Any permit fee that will be due upon issuance of a final Permit-to-Install and Operate is indicated in the Authorization section. Please do not submit any payment now. If you have any questions, please contact Regional Air Pollution Control Agency at (937)225-4435.

Sincerely,

Michael W. Ahern

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

Cc: U.S. EPA Region 5 *Via E-Mail Notification*
RAPCA; Indiana; Kentucky

Montgomery County

PUBLIC NOTICE
Issuance of Draft Air Pollution Permit-To-Install and Operate
CITGO PETROLEUM CORP - DAYTON TERMINAL

Issue Date: 9/23/2008
Permit Number: P0103691
Permit Type: OAC Chapter 3745-31 Modification
Permit Description: This PTIO Application requests the modification of Tank 5 (T005) from a Vertical Fixed Roof Tank (VFRT) to an Internal Floating Roof Tank (IFRT).
Facility ID: 0857040915
Facility Location: CITGO PETROLEUM CORP - DAYTON TERMINAL
1800 FARR DRIVE,
DAYTON, OH 45404
Facility Description: Petroleum Bulk Stations and Terminals

Chris Korleski, Director of the Ohio Environmental Protection Agency, 50 West Town Street, Columbus Ohio has issued a draft action of an air pollution control, federally enforceable permit-to-install and operate (PTIO) for the facility at the location identified above on the date indicated. Comments concerning this draft action, or a request for a public meeting, must be sent in writing no later than thirty (30) days from the date this notice is published. All comments, questions, requests for permit applications or other pertinent documentation, and correspondence concerning this action must be directed to Michael Maleski at Regional Air Pollution Control Agency, 117 South Main Street or (937)225-4435. The permit can be downloaded from the Web page: www.epa.state.oh.us/dapc

Permit Strategy Write-Up

1. Check all that apply:

_X_ Synthetic Minor Determination

___ Netting Determination

2. Source Description:

CITGO Petroleum Corporation, 0857040915, is a bulk fuel terminal. Fuel is received at the terminal via pipeline and stored in numerous above-ground storage tanks. Fuel is loaded into tanker trucks for distribution to local gasoline dispensing facilities.

3. Facility Emissions and Attainment Status:

The facility is located in Montgomery County, which is in attainment for all criteria pollutants except PM2.5, which is classified as basic nonattainment. Facility-wide emissions are presented in Section 4 below.

4. Source Emissions:

The uncontrolled potential emissions for the bulk fuel terminal are included in Table 1 below:

Table 1 – Uncontrolled Potential Emissions

Emissions Unit	Uncontrolled Potential VOC Emissions (tons/yr)
J001 – Loading rack	719.13
T001 – Tank 1	6.01
T002 – Tank 2	9.55
T003 – Tank 3	1.71
T004 – Tank 4	6.54
T005 – Tank 5	9.08
T006 – Tank 6	2.75
T007 – Tank 101	7.27
T008 – Tank 102	7.28
T009 – Tank 103	0.01
P005 - Soil Vapor Extraction Unit	2.74
Component Equipment Leaks	0.18
Total	772.25

Note that the emissions presented in Table 1 for the loading rack include the emissions control required by OAC rule 3175-21-09(Q)(1)(b)(ii). The emissions limitation required by this rule is 0.67 lbs VOC/1000 gal fuel.

5. Conclusion:

The terms and conditions in this Synthetic Minor Permit to Install and Operate will limit the emissions to the values listed in Table 2. This is less than 100 tons/yr, which is the major source threshold with respect to Title

V. Potential emissions have been limited by limiting the loading rack emissions to 0.5 lb VOC/1000 gal fuel and limiting the annual fuel throughput to the following values: 197,347,642 gallons gasoline, 1,261,440,000 gallons distillate, and 165,564,000 gallons denatured ethanol. In addition, individual and combined hazardous air pollutant (HAP) emissions are limited to 9.9 tons/yr and 24.9 tons/yr, respectively.

The potential, controlled emissions for the bulk fuel terminal are included in Table 2 below:

Table 2 – Controlled Potential Emissions

Emissions Unit	Controlled Potential VOC Emissions (tons/yr)
J001 – Loading rack	52.63
T001 – Tank 1	6.01
T002 – Tank 2	9.55
T003 – Tank 3	1.71
T004 – Tank 4	6.54
T005 – Tank 5	9.08
T006 – Tank 6	2.75
T007 – Tank 101	7.27
T008 – Tank 102	7.28
T009 – Tank 103	0.01
P005 - Soil Vapor Extraction Unit	2.74
Component Equipment Leaks	0.18
Total	~95 (94.62)

6. Please provide additional notes or comments as necessary:

None

7. Total Permit Allowable Emissions Summary (for informational purposes only):

Pollutant	Tons Per Year
VOC	95
Single HAP	9.9
Combined HAP	24.9

State of Ohio Environmental Protection Agency
Division of Air Pollution Control

DRAFT

Air Pollution Permit-to-Install and Operate
for
CITGO PETROLEUM CORP - DAYTON TERMINAL

Facility ID:	0857040915
Permit Number:	P0103691
Permit Type:	OAC Chapter 3745-31 Modification
Issued:	9/23/2008
Effective:	To be entered upon final issuance
Expiration:	To be entered upon final issuance

State of Ohio Environmental Protection Agency
Division of Air Pollution Control

Air Pollution Permit-to-Install and Operate
for
CITGO PETROLEUM CORP - DAYTON TERMINAL

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Authorization

Facility ID: 0857040915
Application Number(s): A0035585, A0035862
Permit Number: P0103691
Permit Description: This PTIO Application requests the modification of Tank 5 (T005) from a Vertical Fixed Roof Tank (VFRT) to an Internal Floating Roof Tank (IFRT).
Permit Type: OAC Chapter 3745-31 Modification
Permit Fee: $2,000.00 *DO NOT send payment at this time - subject to change before final issuance*
Issue Date: 9/23/2008
Effective Date: To be entered upon final issuance
Expiration Date: To be entered upon final issuance
Permit Evaluation Report (PER) Annual Date: To be entered upon final issuance

This document constitutes issuance to:

CITGO PETROLEUM CORP - DAYTON TERMINAL
1800 FARR DRIVE
DAYTON, OH 45404

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

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

Regional Air Pollution Control Agency
117 South Main Street
Dayton, OH 45422-1280
(937)225-4435

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

Chris Korleski
Director

Authorization (continued)

Permit Number: P0103691
Permit Description: This PTIO Application requests the modification of Tank 5 (T005) from a Vertical Fixed Roof Tank (VFRT) to an Internal Floating Roof Tank (IFRT).

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
Superseded Permit Number:	08-03708
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	**T005**
Company Equipment ID:	Storage Tank No. 5
Superseded Permit Number:	
General Permit Category and Type:	Not Applicable

A. Standard Terms and Conditions

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

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

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

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

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

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

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

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

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

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

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

   - Annual emissions fee. Ohio EPA will assess a separate fee based on the total annual emissions from your facility. You self-report your emissions in accordance with Ohio Administrative Code (OAC) Chapter 3745-78. This fee assessed is based on a fee schedule in ORC section 3745.11 and funds Ohio EPA's permit compliance oversight activities. For facilities that are permitted as synthetic minor sources, the fee schedule is adjusted annually for inflation. Ohio EPA will notify you when it is time to report your emissions and to pay your annual emission fees.

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

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

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

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

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

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

7. What reports must I submit under this permit?

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

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

If you are required to obtain a Title V permit under OAC Chapter 3745-77 in the future, the permit-to-operate portion of this permit will be superseded by the issued Title V permit. From the effective date of the Title V permit forward, this PTIO will effectively become a PTI (permit-to-install) in accordance with OAC rule 3745-31-02(B). The following terms and conditions 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 Regional Air Pollution Control Agency in accordance with OAC rule 3745-15-06(B). Malfunctions that must be reported are those that result in emissions that exceed permitted emission levels. It is your responsibility to evaluate control equipment breakdowns and operational upsets to determine if a reportable malfunction has occurred.

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

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

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

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

Ohio EPA can terminate the permit terms associated with any permanently shut down emissions unit. "Shut down" means the emissions unit has been physically removed from service or has been altered in such a way that it can no longer operate without a subsequent "modification" or "installation" as defined in OAC Chapter 3745-31.
You should notify Ohio EPA of any emissions unit that is permanently shut down by submitting a certification that identifies the date on which the emissions unit was permanently shut down. The certification must be submitted by an authorized official from the facility. You cannot continue to operate an emission unit once the certification has been submitted to Ohio EPA by the authorized official.

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

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

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

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

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

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

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

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

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. Facility-wide volatile organic compound (VOC) emissions shall not exceed 95 tons per rolling, 12-month period.

3. The emissions of hazardous air pollutants (HAPs), as identified in Section 112(b) of Title III of the Clean Air Act, from all emissions units at this facility shall not exceed 9.9 tons/year for any single HAP and 24.9 tons/year for any combination of HAPs, as rolling, 12-month summations.

4. The annual throughput of gasoline shall not exceed 197,347,642 gallons per rolling, 12-month period. The annual throughput of distillate (i.e., diesel fuel and kerosene) shall not exceed 1,261,440,000 gallons per rolling, 12-month period. The annual throughput of denatured ethanol shall not exceed 165,564,000 gallons per rolling, 12-month period.

5. The permittee shall maintain monthly records of the following information for the loading rack (OEPA emissions unit ID J001):

   a) the total throughput of gasoline, in gallons;

   b) the total throughput of distillate, in gallons;

   c) the total throughput of denatured ethanol, in gallons;

   d) the rolling, 12-month gasoline throughput rate, in gallons;

   e) the rolling, 12-month distillate throughput rate, in gallons; and

   f) the rolling, 12-month denatured ethanol throughput rate, in gallons.

6. The permittee shall maintain monthly records of the following information for the entire facility:

   a) the total VOC emission rate, in tons;

   b) the rolling, 12-month VOC emission rate, in tons;

   c) the total individual HAP emissions for each HAP, in tons;

   d) the total combined HAPs emissions, in tons [the summation of 6.c) above for all HAPs];

   e) the rolling, 12-month individual HAP emission rate, in tons; and

f) the rolling, 12-month combined HAPs emission rate, in tons.

7. The permittee shall submit quarterly deviation (excursion) reports that identify:

a) all deviations (excursions) of the following emission limitations, operational restrictions and/or control device operating parameter limitations that restrict the Potential to Emit (PTE) of any regulated air pollutant and have been detected by the monitoring, record keeping and/or testing requirements in this permit:

(1) the rolling, 12-month gasoline throughput rate, in gallons, for emissions unit J001;

(2) the rolling, 12-month distillate throughput rate, in gallons, for emissions unit J001;

(3) the rolling, 12-month denatured ethanol throughput rate, in gallons, for emissions unit J001;

(4) the rolling, 12-month VOC emission limitation of 95.0 tons;

(5) the rolling, 12-month individual HAP emission limitation of 9.9 tons; and

(6) the rolling, 12-month combined HAP emission limitation of 24.9 tons.

b) the probable cause of each deviation (excursion);

c) any corrective actions that were taken to remedy the deviations (excursions) or prevent future deviations (excursions); and

d) the magnitude and duration of each deviation (excursion).

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

The quarterly reports shall be submitted (postmarked) each year by the thirty-first of January (covering October to December), the thirtieth of April (covering January to March), the thirty-first of July (covering April to June), and the thirty-first of October (covering July to September), unless an alternative schedule has been established and approved by the director (the appropriate district office or local air agency).

8. The permittee shall submit annual reports that summarize the following information:

a) the total actual annual gasoline throughput rate for emissions unit J001, in gallons;

b) the total actual annual distillate throughput rate for emissions unit J001, in gallons;

c) the total actual annual denatured ethanol throughput rate for emissions unit J001, in gallons;

d) the total actual annual VOC emissions for the entire facility, in tons;

e) the total actual annual individual HAP emissions for the entire facility, in tons; and

f) the total actual annual combined HAPs emissions for the entire facility, in tons.

These reports shall be submitted by April 15 of each year. This requirement may be satisfied by including and identifying the specific emissions data from these emissions units in the annual Fee Emission Report.

9. Compliance with the emission limitations in 2. and 3., above shall be determined in accordance with the following methods:

a) Emission Limitation:

Facility-wide VOC emissions shall not exceed 95 tons per rolling, 12-month period.

Applicable Compliance Method:

Compliance shall be determined as follows:

(1) For emissions from the loading rack (J001) vapor recovery unit (VRU) when loading gasoline, multiply the rolling, 12-month gasoline throughput rate, from 5.d) above, by the VOC emission factor (lbs VOC/1000 gallons gasoline loaded), calculated based on the results of the most recent emission tests that demonstrated compliance for the VRU.

(2) For distillates loading emissions from emissions unit J001, multiply the rolling, 12-month distillate throughput rate, from 5.e) above, by the VOC emission factor of 0.0014 pound of VOC per 1,000 gallons of distillates loaded into the delivery vessel.

(3) For denatured ethanol loading emissions from emissions unit J001, multiply the rolling, 12-month denatured ethanol throughput rate, from 5.f) above, by the VOC emission factor of 0.041 pound of VOC per 1,000 gallons of denatured ethanol loaded into the delivery vessel.

(4) For emissions from gasoline storage tanks, determine the VOC emissions from all gasoline storage tanks at the facility using USEPA's "TANKS" Program Version 4.09d or higher.

(5) For emissions from distillate storage tanks, determine the VOC emissions from all gasoline storage tanks at the facility using USEPA's "TANKS" Program Version 4.09d or higher.

(6) For emissions from denatured ethanol storage tanks, determine the VOC emissions from all gasoline storage tanks at the facility using USEPA's "TANKS" Program Version 4.09d or higher.

(7) For emissions from equipment leaks (i.e., fugitive emissions from valves, flanges, open ended lines, pumps, etc.), determine the VOC emissions from equipment leaks at the facility using the document "Protocol for Equipment Leak Emission Estimates" (EPA-453/R-95-017).

(8) For emissions from the Soil Vapor Extraction System (OEPA emissions unit ID P005), determine emissions using the results of the quarterly VOC and HAP (i.e., BTEX, which consists of benzene, toluene, ethyl benzene and xylene) concentration analyses and record keeping.

(9) Sum 9.a)(1) + 9.a)(2) + 9.a)(3) + 9.a)(4) + 9.a)(5) + 9.a)(6) + 9.a)(7) + 9.a)(8), and then divide by 2000 lbs/ton.

b) Emission Limitations:

Facility-wide individual HAP emissions shall not exceed 9.9 tons per rolling, 12-month period.

Facility-wide combined HAP emissions shall not exceed 24.9 tons per rolling, 12-month period.

Applicable Compliance Method:

Compliance shall be determined as follows:

(1) For gasoline loading emissions from J001 and gasoline storage tanks, multiply the sum of VOC emissions rate determined in 9.a)(1) and 9.a)(4) above by the following HAP emission factors obtained from tanks calculations determined using USEPA's "TANKS" Program Version 4.09d:

a. Isopropyl Benzene (Cumene) – 0.000163 lb / lb VOC

b. 1,2,4-Trimethylbenzene – 0.000695 lb / lb VOC

c. Hexane – 0.00358 lb / lb VOC

d. Benzene – 0.00406 lb / lb VOC

e. Isooctane (2,2,4-Trimethylpentane) – 0.000984 lb / lb VOC

f. Toluene – 0.00561 lb / lb VOC

g. Ethylbenzene – 0.000594 lb / lb VOC

h. Xylene – 0.00276 lb / lb VOC

i. Cyclohexane – 0.000563 lb / lb VOC

(2) For distillate loading emissions from J001 and distillate storage tanks, multiply the sum of VOC emissions rate determined in 9.a)(2) and 9.a)(5) above by the following HAP emission factors obtained from tanks calculations determined using USEPA's "TANKS" Program Version 4.09d:

a. 1,2,4-Trimethylbenzene – 0.0436 lb / lb VOC

b. Hexane – 0.000452 lb / lb VOC

c. Benzene – 0.00217 lb / lb VOC

d. Toluene – 0.0239 lb / lb VOC

e. Ethylbenzene – 0.00312 lb / lb VOC

f. Xylene – 0.0578 lb / lb VOC

(3) For emissions from the Soil Vapor Extraction System (OEPA emissions unit ID P005), determine emissions using the results of the quarterly VOC and HAP (i.e., BTEX, which consists of benzene, toluene, ethyl benzene and xylene) concentration analyses and record keeping.

(4) For each individual HAP, sum 9.b)(1) + 9.b)(2) + 9.b)(3), and then divide by 2000 lbs/ton.

(5) For combined HAPs, sum all of the individual HAPs determined in 9.b)(4).

c) Should more accurate emission factors be developed during the current permit cycle, the permittee shall use them, provided the new emission factors are mutually agreeable to the RAPCA and the permittee.

10. The following emissions units contained in this permit are subject to MACT Subpart BBBBBB (National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities): J001, T001, T003, T004, T005, T006, T007 and T008. The complete MACT requirements, including the MACT General provisions, may be accessed via the internet from the Electronic Code of Federal Regulations (e-CFR) website http://ecfr.gpoaccess.gov or by contacting the Regional Air Pollution Control Agency (RAPCA).

11. For emissions units T001, T003, T004, T006, T007 and T008, by no later than January 10, 2011, the permittee shall comply with the applicable emissions limits and management practices required under 40 CFR Part 63, Subpart BBBBBB, including the following sections:

    63.11087(a) - requirements for gasoline storage tanks at bulk gasoline terminals

    Table 1 to 40 CFR Part 63, Subpart BBBBBB

12. By no later than January 10, 2011, the permittee shall comply with the requirements required under 40 CFR Part 63, Subpart A, including the following sections:

    63.11098 and Table 3 to 40 CFR Part 63, Subpart BBBBBB

13. For emissions units T001, T003, T004, T006, T007 and T008, by no later than January 10, 2011, the permittee shall comply with the applicable monitoring and record keeping requirements required under 40 CFR Part 63, Subpart BBBBBB, including the following sections:

    63.11087(a) - requirements for gasoline storage tanks at bulk gasoline terminals

    Table 1 to 40 CFR Part 63, Subpart BBBBBB

    63.11087(c) - monitoring requirements for gasoline storage tanks at bulk gasoline terminals

    63.11087(e) - record keeping requirements for gasoline storage tanks at bulk gasoline terminals

    63.11089(a), (b), (c) and (d) - requirements for equipment leak inspections

    63.11089(g) - record keeping requirements for equipment leak inspections

    63.11094(a) - record keeping requirements for gasoline storage tanks

    63.11094(d) and (e) - record keeping requirements for equipment leak inspections

14. For emissions units T001, T003, T004, T006, T007 and T008, by no later than January 10, 2011, the permittee shall comply with the applicable reporting requirements required under 40 CFR Part 63, Subpart BBBBBB, including the following sections:

    63.11087(d) - notification requirements for gasoline storage tanks at bulk gasoline terminals

63.11087(e) - reporting requirements for gasoline storage tanks at bulk gasoline terminals

63.11089(f) - notification requirements for equipment leak inspections

63.11089(g) - reporting requirements for equipment leak inspections

63.11093(a) - Initial Notification

63.11093(b) - Notification of Compliance Status

63.11093(c) - Notification of Performance Test

63.11093(d) - additional notifications as specified in 40 CFR 63.9, as applicable.

63.11095(a)(1) - semiannual compliance reporting for gasoline storage tanks

63.11095(a)(3) - semiannual compliance reporting for equipment leak inspections

63.11095(b)(1) through (b)(4) - excess emissions reports for gasoline loading racks with controls

63.11095(b)(5) - excess emissions reports for equipment leaks

63.11095(c) - semiannual excess emissions reporting

63.11098 and Table 3 to 40 CFR Part 63, Subpart BBBBBB - General Provisions

15. For emissions units T001, T003, T004, T006, T007 and T008, by no later than January 10, 2011, the permittee shall comply with the applicable testing requirements required under 40 CFR Part 63, Subpart BBBBBB, including the following sections:

63.11087(c) - monitoring requirements for gasoline storage tanks at bulk gasoline terminals

63.11092(e)(1) - inspection requirements for storage tanks equipped with internal floating roofs

63.11098 and Table 3 to 40 CFR Part 63, Subpart BBBBBB - General Provisions

C. Emissions Unit Terms and Conditions

1. J001, Loading Rack

Operations, Property and/or Equipment Description:

Bulk Gasoline Terminal Loading Rack with Vapor Recovery unit

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 operations(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. 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)	Volatile organic compound (VOC) emissions from the vapor control system shall not exceed 0.50 pound of VOC per 1000 gallons (60 milligrams of VOC per liter) of gasoline loaded into the delivery vessel. VOC emissions from this emissions unit shall not exceed 0.041 pound of VOC per 1000 gallons of denatured ethanol loaded into the delivery vessel, including fugitive emissions. See b)(2)a.
b.	OAC rule 3745-21-09(Q)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
c.	40 CFR 63.11088(a) (40 CFR Part 63, Subpart BBBBBB - National Emissions Standards for	See b)(2)b.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
	Hazardous Air Pollutants: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities)	
d.	40 CFR 63.1 through 15 (40 CFR Part 63, Subpart A - National Emissions Standards for Hazardous Air Pollutants: General Provisions)	See b)(2)c.

(2) Additional Terms and Conditions

a. The VOC emissions limitation of 0.041 pound of VOC per 1000 gallons of denatured ethanol loaded into the delivery vessel was established for PTIO purposes to reflect the potential to emit for this emissions unit. Therefore, is it not necessary to develop additional monitoring, recordkeeping and reporting requirements to ensure compliance with this emissions limitation.

b. By no later than January 10, 2011, the permittee shall comply with the applicable emissions limits and management practices required under 40 CFR Part 63, Subpart BBBBBB, including the following sections:

63.11088(a) - requirements for gasoline loading racks at bulk gasoline terminals

Table 2 to 40 CFR Part 63, Subpart BBBBBB

c. By no later than January 10, 2011, the permittee shall comply with the requirements required under 40 CFR Part 63, Subpart A, including the following sections:

63.11098 and Table 3 to 40 CFR Part 63, Subpart BBBBBB

c) Operational Restrictions

(1) The loading rack shall be equipped with a vapor collection system whereby during the transfer of gasoline to any delivery vessel:

a. all vapors displaced from the delivery vessel during loading are vented only to the vapor collection system; and

b. the pressure in the vapor collection system is maintained between minus 6 and plus 18 inches of water gauge pressure.

(2) The loading rack shall be equipped with a vapor control system whereby:

a. all vapors collected by the vapor collection system are vented to the vapor control system; and

b. any liquid gasoline returned to a stationary storage tank from the vapor control system is free of entrained air to the extent possible with good engineering design.

(3) The loading rack shall be provided with a means to prevent drainage of gasoline from the loading device when it is not in use or to accomplish complete drainage before the loading device is disconnected.

(4) All gasoline loading lines and vapor lines shall be equipped with fittings which are vapor tight.

(5) The permittee shall not permit gasoline to be spilled, discarded into sewers, stored in open containers, or handled in any other manner that would result in evaporation.

(6) The permittee shall repair any leak from the vapor collection system or vapor control system within 15 days of detection, where the system is employed to meet the requirements of paragraph (Q)(1) of OAC rule 3745-21-09 and when such leak is equal to or greater than 100 percent of the lower explosive limit as propane, as determined under paragraph (K) of OAC rule 3745-21-10.

(7) The following vapor recovery unit (VRU) parameters have been identified as key operating parameters for which acceptable operating ranges have been established. The permittee shall operate the VRU within these acceptable operating ranges:

a. to ensure proper regeneration of the carbon beds, during the regeneration cycle, the minimum vacuum pulled shall be greater than or equal to 25 inches of mercury and the air purge solenoid must be open;

b. to ensure proper absorption by the absorption tower, the gasoline supply temperature shall not exceed 98 degrees F;

c. to ensure a proper flow rate from the absorption tower to the carbon bed, the absorber pressure shall not exceed 15 psi; and

d. to ensure proper adsorption, the carbon bed temperature, at all levels, shall not exceed 150 degrees F.

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

d) Monitoring and/or Recordkeeping Requirements

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

(2) The permittee shall repair any leak from the vapor collection system and/or vapor control system, that is equal to or greater than 100% of the lower explosive limit (LEL) as

propane (as determined under OAC 3745-21-10(K)), within 15 days of detection. The permittee shall maintain a record of each such leak that is not repaired within the 15 days.

(3) The permittee shall maintain the data required by the "Vapor Recovery System Operating Check List" as submitted to the Regional Air Pollution Control Agency on June 11, 1997, on a daily basis when the emissions unit is in operation, excluding Saturdays, Sundays and holidays. Any subsequent changes to these operating guidelines shall be mutually agreeable to the permittee and the Regional Air Pollution Control Agency.

(4) The permittee shall implement, within 90 days of the issuance of this permit, a preventive maintenance program (PMP) for the vapor recovery unit (VRU) which has been approved by the Regional Air Pollution Control Agency. The PMP shall include an annual inspection of the VRU by a qualified individual trained in the operation and inspection of carbon adsorption/absorption systems. The resultant report shall be maintained on site and shall be made available during subsequent inspections by the Regional Air Pollution Control Agency.

(5) The permittee shall collect and record the following information for the VRU each day when the emissions unit is in operation, excluding Saturdays, Sundays and holidays:

a. a log or record of operating time for the capture (collection) system, control device, monitoring equipment, and the associated source.

b. during the regeneration cycle, the vacuum pressure in inches of mercury;

c. the gasoline supply temperature in degrees F;

d. the absorber pressure in psi; and

e. the carbon bed temperature in degrees F..

(6) By no later than January 10, 2011, the permittee shall comply with the applicable monitoring and record keeping requirements required under 40 CFR Part 63, Subpart BBBBBB, including the following sections:

63.11088(a) - requirements for gasoline loading racks at bulk gasoline terminals

Table 2 to 40 CFR Part 63, Subpart BBBBBB

63.11088(d) - monitoring requirements for gasoline loading racks at bulk gasoline terminals

63.11088(f) - record keeping requirements for gasoline loading racks at bulk gasoline terminals

63.11089(a), (b), (c) and (d) - requirements for equipment leak inspections

63.11089(g) - record keeping requirements for equipment leak inspections

63.11092(b)(1)(i) or (b)(1)(iv) - monitoring operating parameters for a carbon adsorption system

63.11092(d) - monitoring operating parameters for the vapor processing system

63.11094(b) or (c) - record keeping requirements for gasoline cargo tanks

63.11094(d) and (e) - record keeping requirements for equipment leak inspections

63.11094(f) - record keeping requirements regarding monitored operating parameters for the vapor processing system

63.11098 and Table 3 to 40 CFR Part 63, Subpart BBBBBB - General Provisions

e) Reporting Requirements

(1) Annual Permit Evaluation Report (PER) forms will be mailed to the permittee at the end of the reporting period specified in the Authorization section of this permit. The permittee shall submit the PER in the form and manner provided by the director by the due date identified in the Authorization section of this permit. The permit evaluation report shall cover a reporting period of no more than twelve-months for each air contaminant source identified in this permit.

(2) By no later than January 10, 2011, the permittee shall comply with the applicable reporting requirements required under 40 CFR Part 63, Subpart BBBBBB, including the following sections:

63.11088(e) - notification requirements for gasoline loading racks at bulk gasoline terminals

63.11088(f) - reporting requirements for gasoline loading racks at bulk gasoline terminals

63.11089(f) - notification requirements for equipment leak inspections

63.11089(g) - reporting requirements for equipment leak inspections

63.11092(b)(1)(i)(B)(2) or (b)(1)(iv) - submission of a monitoring and inspection plan regarding operating parameters for the carbon adsorption system

63.11093(a) - Initial Notification

63.11093(b) - Notification of Compliance Status

63.11093(c) - Notification of Performance Test

63.11093(d) - additional notifications as specified in 40 CFR 63.9, as applicable.

63.11095(a)(2) - semiannual compliance reporting for gasoline loading racks

63.11095(a)(3) - semiannual compliance reporting for equipment leak inspections

63.11095(b)(1) through (b)(4) - excess emissions reports for gasoline loading racks with controls

63.11095(b)(5) - excess emissions reports for equipment leaks

63.11095(c) - semiannual excess emissions reporting

63.11098 and Table 3 to 40 CFR Part 63, Subpart BBBBBB - General Provisions

f) Testing Requirements

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

a. The emission testing shall be conducted within 12 months after issuance of this permit.

b. The emission testing shall be conducted to demonstrate compliance with the emissions limitation of 0.50 pound of VOC per 1000 gallons (60 milligrams of VOC per liter) of gasoline loaded into the delivery vessel.

c. The emission test methods and procedures are those outlined in OAC rule 3745-21-10(E), i.e., a minimum of one 6-hour test, during which at least 300,000 liters (79,260 gallons) of gasoline are loaded. (The test should be conducted at the maximum gasoline throughput possible.)

d. Not later than 60 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the appropriate Ohio EPA District Office or local air agency. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA District Office's or local air agency's refusal to accept the results of the emission test(s).

e. Personnel from the appropriate Ohio EPA District Office or local air agency shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

f. A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the appropriate Ohio EPA District Office or local air agency within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the appropriate Ohio EPA District Office or local air agency.

(2) Compliance with the emission limitations in b)(1) of these terms and conditions shall be determined in accordance with the following methods:

a. <u>Emission Limitation</u>

VOC emissions from the vapor control system shall not exceed 0.50 pound of VOC per 1000 gallons (60 milligrams of VOC per liter) of gasoline loaded into the delivery vessel.

Applicable Compliance Method

Compliance with the lb VOC/1000 gallons of gasoline loaded emission limitation above shall be based upon the results of emission tests conducted in accordance with the procedures outlined in f)(1) of this permit.

b. Emission Limitation

VOC emissions from this emissions unit shall not exceed 0.041 pound of VOC per 1000 gallons of denatured ethanol loaded into the delivery vessel, including fugitive emissions.

Applicable Compliance Method

Compliance with the lb VOC/1000 gallons of denatured ethanol loaded emission limitation shall be determined using Equation 1 from AP-42 Section 5.2 (1/95) and a control efficiency of 98.1% and a capture efficiency of 98.7% from AP-42 Section 5.2 (1/95).

(3) By no later than January 10, 2011, the permittee shall comply with the applicable testing requirements required under 40 CFR Part 63, Subpart BBBBBB, including the following sections:

63.11088(d) - testing requirements for gasoline loading racks at bulk gasoline terminals

63.11092(a) - testing requirements

63.11092(b)(1), (3), (4) and (5) - determination of monitored operating parameters

63.11092(c) - revisions to monitored operating parameters based on subsequent performance tests after the initial test

63.11092(f) - annual certification test for gasoline cargo tanks

63.11098 and Table 3 to 40 CFR Part 63, Subpart BBBBBB - General Provisions

g) Miscellaneous Requirements

(1) This permit supercedes PTI 08-03708 issued June 6, 2006 and represents no change in emissions.

2. T005, Storage Tank No. 5

Operations, Property and/or Equipment Description:

Storage Tank No. 5

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 operations(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. 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.	OAC rule 3745-31-05(A)(3)(b)	See b)(2)a.
c.	40 CFR Part 60, Subpart Kb	See c)(2).
d.	40 CFR 63.11087(a) (40 CFR Part 63, Subpart BBBBBB - National Emissions Standards for Hazardous Air Pollutants: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities)	See b)(2)b.
e.	40 CFR 63.1 through 15 (40 CFR Part 63, Subpart A - National Emissions Standards for Hazardous Air Pollutants: General Provisions)	See b)(2)c.

(2) Additional Terms and Conditions

a. The Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3) do not apply to the volatile organic compound (VOC) emissions from this air contaminant source since the calculated annual emission rate for VOC

emissions is less than ten tons per year taking into account the federally enforceable requirement of the use of an internal floating roof under OAC rule 3745-21-09(L) and 40 CFR Part 60, Subpart Kb.

b. By no later than January 10, 2011, the permittee shall comply with the applicable emissions limits and management practices required under 40 CFR Part 63, Subpart BBBBBB, including the following sections:

63.11087(a) - requirements for gasoline storage tanks at bulk gasoline terminals

Table 1 to 40 CFR Part 63, Subpart BBBBBB

c. By no later than January 10, 2011, the permittee shall comply with the requirements required under 40 CFR Part 63, Subpart A, including the following sections:

63.11098 and Table 3 to 40 CFR Part 63, Subpart BBBBBB

c) Operational Restrictions

(1) The permittee shall install the following control equipment and shall maintain tank vents, seals, and or covers as follows:

a. The fixed roof storage tank shall be equipped with an internal floating roof.

b. The automatic bleeder vents shall be closed at all times except when the roof is floated off or landed on the roof leg supports.

c. The rim vents, if present, shall be set to open or at the manufacturer's recommended setting when the roof is being floated off the roof leg supports.

d. All openings, except stub drains, shall be equipped with a cover, seal, or lid which is to be in a closed position at all times except when in actual use for tank gauging or sampling.

(2) The permittee shall equip the storage vessel with a fixed roof in combination with an internal floating roof meeting the following specifications:

a. The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal floating roof shall be floating on the liquid surface at all times, except during initial fill and during those intervals when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible.

b. Each internal floating roof shall be equipped with one of the following closure devices between the wall of the storage vessel and the edge of the internal floating roof:

i. A foam- or liquid-filled seal mounted in contact with the liquid (liquid-mounted seal). A liquid-mounted seal means a foam- or liquid-filled seal

mounted in contact with the liquid between the wall of the storage vessel and the floating roof continuously around the circumference of the tank.

ii. Two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the internal floating roof. The lower seal may be vapor-mounted, but both must be continuous.

iii. A mechanical shoe seal. A mechanical shoe seal is a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and is connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof.

c. Each opening in a noncontact internal floating roof except for automatic bleeder vents (vacuum breaker vents) and the rim space vents is to provide a projection below the liquid surface.

d. Each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains is to be equipped with a cover or lid which is to be maintained in a closed position at all times (i.e., no visible gap) except when the device is in actual use. The cover or lid shall be equipped with a gasket. Covers on each access hatch and automatic gauge float well shall be bolted except when they are in use.

e. Automatic bleeder vents shall be equipped with a gasket and are to be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports.

f. Rim space vents shall be equipped with a gasket and are to be set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting.

g. Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The sample well shall have a slit fabric cover that covers at least 90 percent of the opening.

h. Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover.

i. Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover.

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall maintain records of the following information for the fixed roof tank:

a. the types of petroleum liquids stored in the tank; and

b. the maximum true vapor pressure (in pounds per square inch absolute), as stored, of each petroleum liquid that has a maximum true vapor pressure greater than 1.0 pound per square inch absolute.

These records shall be maintained for at least 5 years and shall be made available to the Director or his representative upon verbal or written request.

(2) The permittee shall maintain a record of any period of time in which the automatic bleeder vents, rim vents, and all openings other than stub drains were not maintained as required in this permit and per the rules.

(3) The permittee shall visually inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service), prior to filling the storage vessel with VOL. If there are holes, tears, or other openings in the primary seal, the secondary seal, or the seal fabric or defects in the internal floating roof, or both, the owner or operator shall repair the items before filling the storage vessel.

(4) The permittee shall visually inspect the internal floating roof and the primary seal or the secondary seal (if one is in service) through manholes and roof hatches on the fixed roof at least once every 12 months after initial fill. If the internal floating roof is not resting on the surface of the VOL inside the storage vessel, or there is liquid accumulated on the roof, or the seal is detached, or there are holes or tears in the seal fabric, the owner or operator shall repair the items or empty and remove the storage vessel from service within 45 days. If a failure that is detected during inspections required in this paragraph cannot be repaired within 45 days and if the vessel cannot be emptied within 45 days, a 30-day extension may be requested from the Administrator in the inspection report required in 40 CFR 60.115b(a)(3). Such a request for an extension must document that alternate storage capacity is unavailable and specify a schedule of actions the company will take that will assure that the control equipment will be repaired or the vessel will be emptied as soon as possible.

(5) The permittee shall visually inspect the internal floating roof, the primary seal, the secondary seal (if one is in service), gaskets, slotted membranes and sleeve seals (if any) each time the storage vessel is emptied and degassed. If the internal floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal or the seal fabric, or the gaskets no longer close off the liquid surfaces from the atmosphere, or the slotted membrane has more than 10 percent open area, the owner or operator shall repair the items as necessary so that none of the conditions specified in this paragraph exist before refilling the storage vessel with VOL. In no event shall inspections conducted in accordance with this provision occur at intervals greater than 10 years in the case of vessels conducting the annual visual inspection as specified in paragraph d)(4).

(6) The permittee shall keep a record of each inspection performed as required by d)(3), d)(4) and d)(5). Each record shall identify the storage vessel on which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the control equipment (seals, internal floating roof, and fittings).

(7) The permittee shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. The permittee shall keep copies of these records for the life of the source.

(8) Except for the record required by d)(7), the permittee shall keep copies of all records for at least 2 years.

(9) By no later than January 10, 2011, the permittee shall comply with the applicable monitoring and record keeping requirements required under 40 CFR Part 63, Subpart BBBBBB, including the following sections:

63.11087(a) - requirements for gasoline storage tanks at bulk gasoline terminals

Table 1 to 40 CFR Part 63, Subpart BBBBBB

63.11087(c) - monitoring requirements for gasoline storage tanks at bulk gasoline terminals

63.11087(e) - record keeping requirements for gasoline storage tanks at bulk gasoline terminals

63.11089(a), (b), (c) and (d) - requirements for equipment leak inspections

63.11089(g) - record keeping requirements for equipment leak inspections

63.11094(a) - record keeping requirements for gasoline storage tanks

63.11094(d) and (e) - record keeping requirements for equipment leak inspections

63.11098 and Table 3 to 40 CFR Part 63, Subpart BBBBBB - General Provisions

e) Reporting Requirements

(1) The permittee shall notify the Administrator in writing at least 30 days prior to the filling or refilling of each storage vessel for which an inspection is required by d)(3) and d)(5) to afford the Administrator the opportunity to have an observer present. If the inspection required by d)(5) is not planned and the owner or operator could not have known about the inspection 30 days in advance or refilling the tank, the owner or operator shall notify the Administrator at least 7 days prior to the refilling of the storage vessel. Notification shall be made by telephone immediately followed by written documentation demonstrating why the inspection was unplanned. Alternatively, this notification including the written documentation may be made in writing and sent by express mail so that it is received by the Administrator at least 7 days prior to the refilling.

(2) The permittee shall furnish the Administrator with a report that describes the control equipment and certifies that the control equipment meets the specifications of c)(2) and d)(3). This report shall be an attachment to the notification required by 40 CFR 60.7(a)(3).

(3) If any of the conditions described in d)(4) are detected during the annual visual inspection required by d)(4), a report shall be furnished to the Administrator within 30 days of the inspection. Each report shall identify the storage vessel, the nature of the

defects, and the date the storage vessel was emptied or the nature of and date the repair was made.

(4) The permittee shall keep copies of all reports for at least 2 years.

(5) Annual Permit Evaluation Report (PER) forms will be mailed to the permittee at the end of the reporting period specified in the Authorization section of this permit. The permittee shall submit the PER in the form and manner provided by the director by the due date identified in the Authorization section of this permit. The permit evaluation report shall cover a reporting period of no more than twelve-months for each air contaminant source identified in this permit.

(6) By no later than January 10, 2011, the permittee shall comply with the applicable reporting requirements required under 40 CFR Part 63, Subpart BBBBBB, including the following sections:

63.11087(d) - notification requirements for gasoline storage tanks at bulk gasoline terminals

63.11087(e) - reporting requirements for gasoline storage tanks at bulk gasoline terminals

63.11089(f) - notification requirements for equipment leak inspections

63.11089(g) - reporting requirements for equipment leak inspections

63.11093(a) - Initial Notification

63.11093(b) - Notification of Compliance Status

63.11093(c) - Notification of Performance Test

63.11093(d) - additional notifications as specified in 40 CFR 63.9, as applicable.

63.11095(a)(1) - semiannual compliance reporting for gasoline storage tanks

63.11095(a)(3) - semiannual compliance reporting for equipment leak inspections

63.11095(b)(1) through (b)(4) - excess emissions reports for gasoline loading racks with controls

63.11095(b)(5) - excess emissions reports for equipment leaks

63.11095(c) - semiannual excess emissions reporting

63.11098 and Table 3 to 40 CFR Part 63, Subpart BBBBBB - General Provisions

f) Testing Requirements

(1) By no later than January 10, 2011, the permittee shall comply with the applicable testing requirements required under 40 CFR Part 63, Subpart BBBBBB, including the following sections:

63.11087(c) - monitoring requirements for gasoline storage tanks at bulk gasoline terminals

63.11092(e)(1) - inspection requirements for storage tanks equipped with internal floating roofs

63.11098 and Table 3 to 40 CFR Part 63, Subpart BBBBBB - General Provisions

g) Miscellaneous Requirements

(1) None.