State of Ohio Environmental Protection Agency

STREET ADDRESS:
Lazarus Government Center
50 W. Town St., Suite 700
Columbus, Ohio 43215

TELE: (614) 644-3020 FAX: (614) 644-3184
www.epa.ohio.gov

MAILING ADDRESS:
P.O. Box 1049
Columbus, OH 43216-1049

Certified Mail

10/20/2009

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

Leanne Funke
BP PRODUCTS NORTH AMERICA INC CINCINNATI
1927 GAGEVILLE RD
Ashtabula, OH 44004

RE: FINAL AIR POLLUTION PERMIT-TO-INSTALL AND OPERATE
Facility ID: 1431070118
Permit Number: P0105209
Permit Type: Renewal
County: Hamilton

Dear Permit Holder:

Enclosed please find a final 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.

Ohio EPA maintains a document entitled "Frequently Asked Questions about the PTIO". The document can be downloaded from the DAPC Web page, www.epa.ohio.gov/dapc, from the "Permits" link. This document contains additional information related to your permit, such as what activities are covered under the PTIO, who has enforcement authority over the permit and Ohio EPA's authorization to inspect your facility and records. Please contact the Office of Compliance Assistance and Pollution Prevention at (614) 644-3469 if you need assistance.

The issuance of this PTIO is a final action of the Director and may be appealed to the Environmental Review Appeals Commission ("ERAC") under Section 3745.04 of the Ohio Revised Code. The appeal must be in writing and describe the action complained of and the grounds for the appeal. The appeal must be filed with the ERAC within thirty (30) days after notice of the Director's action. A filing fee of $70.00 must be submitted to the ERAC with the appeal, although the ERAC, has discretion to reduce the amount of the filing fee if you can demonstrate (by affidavit) that payment of the full amount of the fee would cause extreme hardship. If you file an appeal of this action, you must notify Ohio EPA of the filing of the appeal (by providing a copy to the Director) within three (3) days of filing your appeal with the ERAC. Ohio EPA requests that a copy of the appeal also be provided to the Ohio Attorney General's Office, Environmental Enforcement Section. An appeal may be filed with the ERAC at the following address:

Environmental Review Appeals Commission
309 South Fourth Street, Room 222
Columbus, OH 43215

If you have any questions regarding this permit, please contact the Hamilton County Dept. of Environmental Services. This permit has been posted to the Division of Air Pollution Control (DAPC) Web page www.epa.ohio.gov/dapc.

Sincerely,

Michael W. Ahern

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

Cc: HCDOES

State of Ohio Environmental Protection Agency
Division of Air Pollution Control

FINAL

Air Pollution Permit-to-Install and Operate
for
BP PRODUCTS NORTH AMERICA INC CINCINNATI

Facility ID: 1431070118
Permit Number: P0105209
Permit Type: Renewal
Issued: 10/20/2009
Effective: 10/20/2009
Expiration: 4/1/2014

State of Ohio Environmental Protection Agency
Division of Air Pollution Control

Air Pollution Permit-to-Install and Operate
for
BP PRODUCTS NORTH AMERICA INC CINCINNATI

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Authorization

Facility ID: 1431070118
Application Number(s): A0037550
Permit Number: P0105209
Permit Description: Renewal of FEPTIO for refined petroleum products truck loading rackloading rack.
Permit Type: Renewal
Permit Fee: $0.00
Issue Date: 10/20/2009
Effective Date: 10/20/2009
Expiration Date: 4/1/2014
Permit Evaluation Report (PER) Annual Date: Jan 1 - Dec 31, Due Feb 15

This document constitutes issuance to:

BP PRODUCTS NORTH AMERICA INC CINCINNATI
930 TENNESSEE AVE
Cincinnati, OH 45229

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:

Hamilton County Dept. of Environmental Services
250 William Howard Taft Pkwy.
Cincinnati, OH 45219-2660
(513)946-7777

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: P0105209
Permit Description: Renewal of FEPTIO for refined petroleum products truck loading rackloading rack.

Permits for the following emissions unit(s) or groups of emissions units are in this document as indicated below:

Emissions Unit ID:	**J002**
Company Equipment ID:	Loading Rack
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 Hamilton County Dept. of Environmental Services in accordance with OAC rule 3745-15-06(B). Malfunctions that must be reported are those that result in emissions that exceed permitted emission levels. It is your responsibility to evaluate control equipment breakdowns and operational upsets to determine if a reportable malfunction has occurred.

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

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

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

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

Ohio EPA can terminate the permit terms associated with any permanently shut down emissions unit. "Shut down" means the emissions unit has been physically removed from service or has been altered in such a way that it can no longer operate without a subsequent "modification" or "installation" as defined in OAC Chapter 3745-31.

You should notify Ohio EPA of any emissions unit that is permanently shut down by 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) 2., 3., 4. and 5.

2. The total allowable emissions of Hazardous Air Pollutants (HAPs), as identified in Section 112(b) of Title III of the Clean Air Act, from emissions units F001(Roadways and parking areas), G001(Underground storage tank and fueling island for company use), J002 (Refined petroleum products truck loading rack), T001(Tank #3), T002 (Tank #10), T003 (Tank #14), T004 (Tank #23), T005 (Tank #2), T006 (Tank #1), T007 (Tank #4), T008 (Tank #6) T009 (Tank #7), T010 (Tank #8), T011 (Tank #22), T012 (Tank #20), T013(Tank #21), T014(Tank #10), T016(Tank #24), T017(Tank #45), T018(Tank #11), T019(Tank #01), T022(Tank #001), T023(Tank #002), fugitive emissions from truck loading, fugitive emissions from equipment (valves, pumps, connectors), and including any de minimus air contaminant sources, as defined in OAC rule 3745-15-05, and permanent exemption air contaminant sources shall not exceed 9.9 TPY for any single HAP and 24.9 TPY for any combination of HAPs. Compliance with the above limitations shall be based on a rolling, 12-month summation.

   The permittee has existing records to demonstrate compliance with the rolling, 12-month emissions limitation upon issuance of the permit.

3. The permittee shall collect and record the following information each month for emissions units F001(Roadways and parking areas), G001(Underground storage tank and fueling island for company use), J002 (Refined petroleum products truck loading rack), T001(Tank #3), T002 (Tank #10), T003 (Tank #14), T004 (Tank #23), T005 (Tank #2), T006 (Tank #1), T007 (Tank #4), T008 (Tank #6) T009 (Tank #7), T010 (Tank #8), T011 (Tank #22), T012 (Tank #20), T013(Tank #21), T014(Tank #10), T016(Tank #24), T017(Tank #45), T018(Tank #11), T019(Tank #01), T022(Tank #001), T023(Tank #002), fugitive emissions from truck loading, fugitive emissions from equipment (valves, pumps, connectors), and including any de minimus air contaminant sources, as defined in OAC rule 3745-15-05, and permanent exemption air contaminant sources:

   a) the company identification for each HAP containing material employed;

   b) the amount of each HAP containing material employed, in pounds;

   c) the HAP [1] content, recorded in percent by weight, of each HAP containing material;

   d) the total individual HAP emissions for each HAP from all HAP containing materials employed, in pounds or tons per month [for each HAP, the product of 3.b). times 3.c);

   e) the updated rolling, 12-month summation for each individual HAP emissions, in pounds or tons. This shall include the information for the current month and the preceding 11 months.

f) the total combined HAP emissions from all HAP containing materials employed, in pounds per month; and

g) the updated rolling, 12-month summation for total combined HAP emissions, in pounds or tons. This shall include the information for the current month and the preceding 11 months.

* A listing of the HAPs can be found in Section 112(b) of the Clean Air Act or can be obtained by contacting Hamilton County Department of Environmental Services**.** This information does not have to be kept on an individual emissions unit basis.

4. The permittee shall notify the Hamilton County Department of Environmental Services of any exceedance of the HAP emission limitations specified in 2. above. If no exceedances occurred, the permittee shall state so in the report. The reports shall be submitted by January 31, April 30, July 31 and October 31 of each year and shall cover the previous calendar quarters (October through December, January through March, April through June and July through September, respectively).

5. Compliance with the emission limitations in 2. of these terms and conditions shall be determined in accordance with the following method(s) identified below:

a) Emission Limitations:

Actual emissions of Hazardous Air Pollutants (HAPs) shall not exceed 9.9 TPY for any single HAP and 24.9 TPY for any combination of HAPs, as a 12-month rolling summation, as specified in 2. above.

Applicable Compliance Method:

6. Compliance with the 12-month rolling HAP limitations shall be demonstrated by the record keeping identified in 3. above.

C. Emissions Unit Terms and Conditions

1. J002, Loading Rack

Operations, Property and/or Equipment Description:

Loading Rack with Carbon adsorption/gasoline absorbtion 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. b)(1)b., b)(2)a., d)(5), e)(2) and f)(1)c.

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(Q)	The mass emission limitation specified by this rule is less stringent than the mass emission limitations established pursuant to OAC rule 3745-31-05(D)
b.	OAC 3745-31-05(D) (Voluntary restriction to avoid Title V)	The mass emissions of VOC from the vapor control system shall not exceed 0.30 pound per 1000 gallons (35 milligrams of VOC per liter) of gasoline loaded into the delivery vessel. Emissions of VOC from the loading of gasoline shall not exceed 57 tons per year based on a rolling, 12-month summation. Emissions of VOC from the loading of non-gasoline distillate products (diesel fuels, fuel oils and kerosene) shall not exceed 0.25 ton per month and 3.0 tons per year based on a rolling, 12-month summation.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		See section B.2., b)(2)a., d)(5), e)(2) and f)(1).
c.	40 CFR Part 60, Subpart BBBBBB	This emission unit must comply with the requirements of this subpart no later than January 10, 2011.

(2) Additional Terms and Conditions

a. The annual throughputs of gasoline and distillates shall not exceed 380,000,000 gallons and 300,000,000 gallons, respectively. Compliance with the annual gasoline and distillates throughput limitations shall be based upon rolling 12-month summations of the gasoline and distillate throughputs.

c) Operational Restrictions

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

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

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

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

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

b. the mass emissions of VOC from the vapor control system do not exceed 0.30 pound of VOC per 1,000 gallons (35 milligrams of VOC per liter) of gasoline loaded into the delivery vessel; and

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

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

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

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

(6) The permittee shall repair any leak from the vapor collection system or vapor control system within 15 days of detection, where the system is employed to meet the

requirements of paragraph (Q)(1) of OAC rule 3745-21-09 and when such leak is equal to or greater than 100 percent of the lower explosive limit as propane, as determined under paragraph (K) of OAC rule 3745-21-10.

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 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 maximum exhaust gas VOC concentration shall not exceed 1.75% (as propane) from the carbon adsorption vessels. [A VOC concentration that exceeds 1.75% (as propane) is not necessarily indicative of a violation of the allowable mass emission limitation (35 mg/l).]

(4) The permittee shall perform monthly monitoring of the exhaust gas VOC concentrations from both carbon adsorption vessels in the vapor recovery unit using the 40 CFR 60, Appendix A, Method 21 procedure for open ended lines. The VOC concentrations shall be measured during the processing of vapors and during the last five minutes of the adsorption cycle for each vessel; and the highest VOC concentration for each vessel shall be recorded. The permittee shall maintain records of the monthly monitored VOC concentrations detected in the exhaust gases from the vapor recovery unit.

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

a. the total throughputs, in gallons, of gasoline and distillates for each month; and

b. the rolling, 12-month summations of the total gasoline and distillates throughputs, in gallons.

c. the calculated rolling, 12-month rolling summation of VOC emissions in TPY.

e) Reporting Requirements

(1) Any leaks in the vapor collection system or vapor control system equal to or greater than 100 percent of the lower explosive limit as propane, as determined under paragraph (K) of OAC rule 3745-21-10 of the Administrative Code, that are not repaired within 15 days after identification, shall be reported to the Director (the appropriate Ohio EPA District Office or local air agency) within 30 days after the repair is completed. This report shall include the date the leak was detected and the date the leak was repaired.

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

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

i. the rolling, 12-month summations of the total gasoline and distillates throughputs, in gallons.

ii. The calculated rolling, 12-month rolling summation of VOC emissions in TPY.

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

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

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

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

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

(3) 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.

f) Testing Requirements

(1) Compliance with the emission limitations in b)(1) shall be determined in accordance with the following methods:

a. Emission Limitations:

The mass emissions of VOC from the vapor control system shall not exceed 0.30 pound per 1000 gallons (35 milligrams of VOC per liter) of gasoline loaded into the delivery vessel.

Applicable Compliance Method:

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

i. the emission testing shall be conducted within 24 months after the effective date of this permit and within 12 months prior to the expiration of

this permit. The test shall be conducted between the months of May through September during these periods;

ii. the emission testing shall be conducted to demonstrate compliance with the 0.30 pounds of VOC per thousand gallons, (35 milligrams of VOC per liter) of gasoline loaded;

iii. the test shall be conducted as specified in OAC rule 3745-21-10(E), Method for the determination of VOC emissions from bulk gasoline terminals; and

iv. the test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity*, unless otherwise specified or approved by the appropriate Ohio EPA District Office or local air agency. A minimum of one 6-hour test, during which at least 784,800 liters (207,400 gallons) of gasoline are loaded. (The test should be conducted at the maximum gasoline throughput possible.)

*For this emission unit the maximum capacity of the unit shall be defined as the 6-hour period in which the highest throughput normally occurs.

Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the appropriate Ohio EPA District Office or local air agency. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA District Office's or local air agency's refusal to accept the results of the emission test(s).

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.

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).

b. Emission Limitation:

Emissions of VOC from the loading of non-gasoline distillate products (diesel fuels, fuel oils and kerosene) shall not exceed 0.25 ton per month and 3.0 tons per year based on a rolling, 12-month summation.

Applicable Compliance Method:

Compliance with this emission limitation shall be based upon emission factors from AP-42, 5th Edition, Table 5.2-5 (1/95) of 0.016 pound of VOC per 1,000 gallons of kerosene and 0.014 pound VOC per 1,000 gallons of diesel multiplied by the monthly distillate throughput in d)(5)a.

c. Emission Limitation:

Emissions of VOC from the loading of gasoline shall not exceed 57 tons per year based on a rolling, 12-month summation.

Applicable Compliance Method:
Compliance with this emission limitation shall be determined based upon the record keeping in d)(5) above and a summation of the emissions from the carbon VRU , gasoline loading fugitive emissions, and distillate fuel loading emissions as follows:

i. For the VCU, sum the monthly gasoline throughputs for the 12-month period and multiply this sum by the results of the most recent emission tests for the VCU (in lbs VOC/1,000 gallons gasoline loaded) and divide by 2,000 lbs/ton.

ii. For gasoline loading fugitive emission, sum the monthly gasoline throughputs for the 12-month period and divide this sum by 2,000 lbs/ton and multiply by the emission factor (lbs VOC/1,000 gallons gasoline) obtained using Equation 1 from AP-42, Section 5.2 (1/95) multiplied by the overall reduction efficiency term of (1 - efficiency / 100) (AP-42, Section 5.2 (1/95), page 5.2-6) using an efficiency of 98.7% (Gasoline Distribution Industry (Stage I) - Background Information from Promulgated Standards, EPA-450/R-94-002b, November 1994, Appendix A, page A-5).

iii. For distillate fuel loading emissions, sum the distillate fuel throughputs for the 12-month period and divide this sum by 2,000 lbs/ton and multiply by the emission factor 0.016 lb VOC/1,000 gallons fuel obtained from AP-42, Table 5.2-5 (1/95).

iv. VOC fugitive emission (e.g., valves, fittings, and pumps) from the loading rack shall be determined using EPA-453/R-95-017, "Protocol for Equipment Leak Emission Estimates."

g) Miscellaneous Requirements

(1) None.