



State of Ohio Environmental Protection Agency

**RE: FINAL PERMIT TO INSTALL MODIFICATION
WARREN COUNTY**

CERTIFIED MAIL

Street Address:

122 S. Front Street

Lazarus Gov. Center TELE: (614) 644-3020 FAX: (614) 644-2329

Mailing Address:
Lazarus Gov. Center
P.O. Box 1049

Application No: 14-04049

Fac ID: 1483000170

DATE: 8/31/2006

Marathon Petroleum Company LLC, Lebanon
Stephen Chalupa
1000 Ashland Drive Suite 201
Ashland, KY 411017057

Enclosed Please find a modification to the Ohio EPA Permit To Install referenced above which will modify the terms and conditions.

You are hereby notified that this action of the Director is final and may be appealed to the Environmental Review Appeals Commission pursuant to Section 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. The appeal must be filed with the Commission within thirty (30) days after notice of the Director's action. The appeal must be accompanied by a filing fee of \$70.00 which the Commission, in its discretion, may reduce if by affidavit you demonstrate that payment of the full amount of the fee would cause extreme hardship. Notice of the filing of the appeal shall be filed with the Director within three (3) days of filing with the Commission. Ohio EPA requests that a copy of the appeal be served upon the Ohio Attorney General's Office, Environmental Enforcement Section. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

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

Sincerely,

Michael W. Ahern, Manager
Permit Issuance and Data Management Section
Division of Air Pollution Control

CC: USEPA

HCDES



**Permit To Install
Terms and Conditions**

**Issue Date: 8/31/2006
Effective Date: 8/31/2006**

FINAL ADMINISTRATIVE MODIFICATION OF PERMIT TO INSTALL 14-04049

Application Number: 14-04049
Facility ID: 1483000170
Permit Fee: **\$625**
Name of Facility: Marathon Petroleum Company LLC, Lebanon
Person to Contact: Stephen Chalupa
Address: 1000 Ashland Drive Suite 201
Ashland, KY 411017057

Location of proposed air contaminant source(s) [emissions unit(s)]:

**999 West State Route 122
Lebanon, Ohio**

Description of proposed emissions unit(s):

Administrative Modification to PTI 14-04049 to reduce the testing frequency requirement for emissions unit J002.

The above named entity is hereby granted a modification to the permit to install described above pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this modification does not constitute expressed or implied approval or agreement that, if constructed or modified in accordance with the plans included in the application, the above described source(s) of environmental pollutants will operate in compliance with applicable State and Federal laws and regulations, and does not constitute expressed or implied assurance that if constructed or modified in accordance with those plans included in the application, the above described source(s) of pollutants will be granted the necessary operating permits.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Director

Part I - GENERAL TERMS AND CONDITIONS

A. Permit to Install General Terms and Conditions

1. Compliance Requirements

The emissions unit(s) identified in this Permit to Install shall remain in full compliance with all applicable State laws and regulations and the terms and conditions of this permit.

2. Reporting Requirements

The permittee shall submit required reports in the following manner:

- a. Reports of any required monitoring and/or recordkeeping information shall be submitted to the appropriate Ohio EPA District Office or local air agency.
- b. Except as otherwise may be provided in the terms and conditions for a specific emissions unit, quarterly written reports of (a) any deviations (excursions) from emission limitations, operational restrictions, and control device operating parameter limitations that have been detected by the testing, monitoring, and recordkeeping requirements specified in this permit, (b) the probable cause of such deviations, and (c) any corrective actions or preventive measures which have been or will be taken, shall be submitted to the appropriate Ohio EPA District Office or local air agency. If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. (These quarterly reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06.)

3. Records Retention Requirements

Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include, but not be limited to, all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. Such records may be maintained in computerized form.

4. Inspections and Information Requests

The Director of the Ohio EPA, or an authorized representative of the Director, may, subject to the safety requirements of the permittee and without undue delay, enter upon

Marathon Petroleum Company LLC, Lebanon
PTI Application: 14-04049
Modification Issued: 8/31/2006

Facility ID: 148300017

the premises of this source at any reasonable time for purposes of making inspections, conducting tests, examining records or reports pertaining to any emission of air contaminants, and determining compliance with any applicable State air pollution laws and regulations and the terms and conditions of this permit. The permittee shall furnish to the Director of the Ohio EPA, or an authorized representative of the Director, upon receipt of a written request and within a reasonable time, any information that may be requested to determine whether cause exists for modifying, reopening or revoking this permit or to determine compliance with this permit. Upon verbal or written request, the permittee shall also furnish to the Director of the Ohio EPA, or an authorized representative of the Director, copies of records required to be kept by this permit.

5. Scheduled Maintenance/Malfunction Reporting

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. The malfunction of any emissions units or any associated air pollution control system(s) shall be reported to the appropriate Ohio EPA District Office or local air agency in accordance with paragraph (B) of OAC rule 3745-15-06. Except as provided in that rule, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of the emissions unit(s) that is (are) served by such control system(s).

6. Permit Transfers

Any transferee of this permit shall assume the responsibilities of the prior permit holder. The appropriate Ohio EPA District Office or local air agency must be notified in writing of any transfer of this permit.

7. Air Pollution Nuisance

The air contaminants emitted by the emissions units covered by this permit shall not cause a public nuisance, in violation of OAC rule 3745-15-07.

8. Termination of Permit to Install

This Permit to Install shall terminate within eighteen months of the effective date of the Permit to Install if the owner or operator has not undertaken a continuing program of installation or modification or has not entered into a binding contractual obligation to undertake and complete within a reasonable time a continuing program of installation or modification. This deadline may be extended by up to 12 months if application is made to the Director within a reasonable time before the termination date and the party shows good cause for any such extension.

9. Construction of New Sources(s)

Marathon Petroleum Company LLC, Lebanon
PTI Application: 14-04049
Modification Issued: 8/31/2006

Facility ID: 148300017

The proposed emissions unit(s) shall be constructed in strict accordance with the plans and application submitted for this permit to the Director of the Ohio Environmental Protection Agency. There may be no deviation from the approved plans without the express, written approval of the Agency. Any deviations from the approved plans or the above conditions may lead to such sanctions and penalties as provided under Ohio law. Approval of these plans does not constitute an assurance that the proposed facilities will operate in compliance with all Ohio laws and regulations. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed sources cannot meet the requirements of this permit or cannot meet applicable standards.

If the construction of the proposed emissions unit(s) has already begun or has been completed prior to the date the Director of the Environmental Protection Agency approves the permit application and plans, the approval does not constitute expressed or implied assurance that the proposed facility has been constructed in accordance with the approved plans. The action of beginning and/or completing construction prior to obtaining the Director's approval constitutes a violation of OAC rule 3745-31-02. Furthermore, issuance of the Permit to Install does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. Approval of the plans in any case is not to be construed as an approval of the facility as constructed and/or completed. Moreover, issuance of the Permit to Install is not to be construed as a waiver of any rights that the Ohio Environmental Protection Agency (or other persons) may have against the applicant for starting construction prior to the effective date of the permit. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed facilities cannot meet the requirements of this permit or cannot meet applicable standards.

10. Public Disclosure

The facility is hereby notified that this permit, and all agency records concerning the operation of this permitted source, are subject to public disclosure in accordance with OAC rule 3745-49-03.

11. Applicability

This Permit To Install is applicable only to the emissions unit(s) identified in the Permit To Install. Separate Permit To Install for the installation or modification of any other emissions unit(s) are required for any emissions unit for which a Permit To Install is required.

12. Best Available Technology

As specified in OAC Rule 3745-31-05, all new sources must employ Best Available Technology (BAT). Compliance with the terms and conditions of this permit will fulfill this requirement.

Marathon Petroleum Company LLC, Lebanon
 PTI Application: 14-04049
 Modification Issued: 8/31/2006

Facility ID: 148300017

13. Source Operation and Operating Permit Requirements After Completion of Construction

This facility is permitted to operate each source described by this Permit to Install for a period of up to one year from the date the source commenced operation. This permission to operate is granted only if the facility complies with all requirements contained in this permit and all applicable air pollution laws, regulations, and policies. Pursuant to OAC Chapter 3745-35, the permittee shall submit a complete operating permit application within ninety (90) days after commencing operation of the emissions unit(s) covered by this permit.

14. Construction Compliance Certification

The applicant shall provide Ohio EPA with a written certification (see enclosed form) that the facility has been constructed in accordance with the Permit to Install application and the terms and conditions of the Permit to Install. The certification shall be provided to Ohio EPA upon completion of construction but prior to startup of the source.

15. Fees

The permittee shall pay fees to the Director of the Ohio EPA in accordance with ORC section 3745.11 and OAC Chapter 3745-78. The permittee shall pay all applicable Permit to Install fees within 30 days after the issuance of this Permit to Install.

B. Permit to Install Summary of Allowable Emissions

The following information summarizes the total allowable emissions, by pollutant, based on the individual allowable emissions of each air contaminant source identified in this permit.

SUMMARY (for informational purposes only)
 TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

<u>Pollutant</u>	<u>Tons Per Year</u>
VOC	54.06

PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. Applicable Emissions Limitations and/or Control Requirements

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	
J002 - Four lane gasoline and fuel oil truck loading rack with Zink HEAA2500-825-11-10 Vapor Collection System (VCS) and Vapor Recovery Unit (VRU) - Modification	OAC rule 3745-31-05(A)(3)	OAC rule 3745-31-05(C) Synthetic minor to avoid non-attainment review for ozone permitting requirements OAC rule 3745-35-07(B)(1) Synthetic minor to avoid Title V permitting requirements
		OAC rule 3745-21-09(Q)(1)(b)(ii)
		OAC rule 3745-21-09(Q)(1)(a) through (d), (2), and (3)
		40 CFR 60 Subpart XX 60.502(b)

Marat**PTI A****Modification Issued: 8/31/2006**Emissions Unit ID: **J002**40 CFR 60 Subpart XX
60.502(a), (e) through (i)Applicable Emissions
Limitations/Control Measures

Volatile Organic Compound (VOC) emissions from the VRU stack shall not exceed 0.083 pound per 1000 gallons of gasoline loaded (10 mg/l) and 149.4 pounds per day.

VOC emissions from the backup flare control device shall not exceed 0.292 pound per 1000 gallons of gasoline loaded (35 mg/l) and 525.4 pounds per day.

Uncontrolled VOC emissions during distillate oil loading shall not exceed 0.014 pound per 1000 gallons of distillate oil loaded (1.68 mg/l) and 12.6 pounds per day.

The requirements established pursuant to this rule also include compliance with the requirements established pursuant to OAC rules 3745-21-09(Q)(1)(a) through (d), 3745-31-05(C), 3745-35-07(B)(1), and 40 CFR 60 Subpart XX 60.502(a), (e) through (i).

See term and condition B.2.

18.26 tons per year (TPY) of VOC from the VRU stack, based on a rolling, 12-month

summation.

3.70 TPY of VOC from the backup flare control device based on a rolling, 12-month summation.

See term and condition B.1.

The mass emissions limitation established pursuant to this rule is less stringent than the mass emissions limitation established pursuant to OAC rule 3745-31-05(A)(3).

See terms and conditions B.3 through B.8.

The mass emissions limitation established pursuant to this rule is less stringent than the mass emissions limitation established pursuant to OAC rule 3745-31-05(A)(3).

See terms and conditions B.9 through B.14.

Marat**PTI A****Modification Issued: 8/31/2006**Emissions Unit ID: **J002****2. Additional Terms and Conditions**

- 2.a** The short-term emission limitations specified in Section A are based upon the emissions unit's Potential to Emit (PTE). Therefore, no records are required to demonstrate compliance with these limitations.
- 2.b** Compliance with OAC rule 3745-31-05(A)(3) shall be demonstrated by the use of a carbon adsorption VRU as a primary control device and the use of a portable open flare as a backup control device and compliance with the rolling, 12-month throughput and emissions limitations.
- 2.c** The application and enforcement of the provisions of the New Source Performance Standards (NSPS), as promulgated by the United States Environmental Protection

Agency, 40 CFR Part 60, are delegated to the Ohio Environmental Protection Agency. The requirements of 40 CFR Part 60 are also federally enforceable.

B. Operational Restrictions

1. This emissions unit has been in operation for more than 12 months and, as such, the permittee has existing records to generate the rolling, 12-month summations of the throughput rates, upon issuance of this permit.
 - a. the maximum annual gasoline throughput rate for this emissions unit shall not exceed 440,000,000 gallons per year, based upon a rolling, 12-month summation of the gasoline throughput rates;
 - b. the maximum annual distillate oil throughput rate for this emissions unit shall not exceed 150,000,000 gallons per year, based upon a rolling, 12-month summation of the distillate oil throughput rates; and
 - c. the maximum annual gasoline throughput rate for this emissions unit when utilizing the backup flare control device shall not exceed 25,300,000 gallons per year, based upon a rolling, 12-month summation of the gasoline throughput rates during such time(s).
2. In order to demonstrate compliance with the allowable VOC emissions rate for the portable flare, the permittee shall maintain the gasoline loading rate between 600 gallons per minute and 8,400 gallons per minute when utilizing the flare, based on the manufacturer's guarantee.
3. The loading rack shall be equipped with a vapor collection system whereby during the transfer of gasoline to any delivery vessel:
 - a. all vapors displaced from the delivery vessel during loading are vented only to the vapor collection system; and
 - b. the pressure in the vapor collection system is maintained between minus 6 and plus 18 inches of water gauge pressure.
4. The loading rack shall be equipped with a vapor control system whereby:
 - a. all vapors collected by the vapor collection system are vented to the vapor control system; and

Marathon Petroleum Company LLC, Lebanon
PTI Application: 11-01010
Modif

Facility ID: 148300017

Emissions Unit ID: J002

- 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.

Marat**PTI A****Modification Issued: 8/31/2006**Emissions Unit ID: **J002**

5. The loading rack shall be provided with a means to prevent drainage of gasoline from the loading device when it is not in use or to accomplish complete drainage before the loading device is disconnected.
6. All gasoline loading lines and vapor lines shall be equipped with fittings which are vapor tight.
7. No owner or operator of a bulk gasoline terminal may permit gasoline to be spilled, discarded in sewers, stored in open containers or handled in any other manner that would result in evaporation.
8. The permittee shall repair any leak from the vapor collection system or vapor control system within 15 days of detection where the system is employed to meet the requirements of 40 CFR 60.502(j) and the sight, sound, or smell method was employed to detect the leak. The permittee shall also 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 by the method outlined in paragraph (K) of OAC rule 3745-21-10.
9. Each affected facility shall be equipped with a vapor collection system designed to collect the total organic compounds vapors displaced from tank trucks during product loading.
10. Loadings of liquid product into gasoline tank trucks shall be limited to vapor-tight gasoline tank trucks. The permittee has proposed the use of an alternate procedure for documenting vapor-tight gasoline tank trucks pursuant to the allowance in 40 CFR 60.502(e)(6). The alternate method consists of a computer recordkeeping system whereby gasoline tank trucks with out-of-date vapor-tightness records are prevented (locked out) from loading gasoline. The method was documented by the permittee and approved by Hamilton County Department of Environmental Services on May 9, 2006.
11. The owner or operator shall act to assure that loadings of gasoline tank trucks at the affected facility are made only into tanks equipped with vapor collection equipment that is compatible with the terminal's vapor collection system.
12. The owner or operator shall act to assure that the terminal's and the tank truck's vapor collection systems are connected during each loading of a gasoline tank truck at the affected facility. Examples of actions to accomplish this include training drivers in the hookup procedures and posting visible reminder signs at the affected loading racks.

Marathon Petroleum Company LLC, Lebanon
PTI Application: 11-01010
Modif

Facility ID: 148300017

Emissions Unit ID: J002

13. The vapor collection and liquid loading equipment shall be designed and operated to prevent gauge pressure in the delivery tank from exceeding 4,500 pascals (450 mm of water, 18 inches of water) during product loading. This level is not to be exceeded when measured by the procedures specified in 40 CFR 60.503(d).

Emissions Unit ID: J002

14. No pressure-vacuum vent in the bulk gasoline terminal's vapor collection system shall begin to open at a system pressure less than 4,500 pascals (450 mm of water, 18 inches of water).
15. The following 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, the maximum vacuum pulled during the regeneration cycle shall be greater than or equal to 25 inches of mercury. The air purge solenoid shall also remain open during the regeneration cycle;
 - b. to ensure proper absorption by the absorption tower, the gasoline supply temperature shall not exceed 98 degrees Fahrenheit;
 - c. to ensure a proper flow rate from the absorption tower to the carbon bed, the absorber pressure shall be maintained between 17 psi and 23 psi; and
 - d. to ensure proper adsorption, the carbon bed temperatures, at all levels, shall not exceed 150 degrees Fahrenheit.

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

C. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain monthly records of the following information:
 - a. the gasoline throughput rate, in gallons, for each month;
 - b. the distillate oil throughput rate, in gallons for each month;
 - c. the gasoline throughput rate when utilizing the backup flare control device, in gallons, for each month;
 - d. the updated rolling, 12-month summation of the gasoline and distillate oil throughput rates, in gallons;
 - e. the updated rolling, 12-month summation of the gasoline throughput rate when

utilizing the backup flare control device, in gallons;

- f. the updated rolling, 12-month summation of the actual VOC emissions from the VRU, in tons, for each month. This shall include the information for the current month and the preceding eleven months:

[[the actual gasoline throughput rate from C.1.d (gallons gasoline loaded/rolling, 12-month period) x emission factor (lbs of VOC/gallon gasoline loaded)] + [the actual distillate oil throughput rate from C.1.d (gallons distillate oil loaded/rolling, 12-month period) x emission factor (lbs of VOC/gallon distillate oil loaded)]] x 1 Ton/2000 lbs = Tons of VOC/rolling, 12-month period; and

- g. the updated rolling, 12-month summation of the actual VOC emissions from the backup flare control device, in tons, for each month. This shall include the information for the current month and the preceding eleven months:

[the actual gasoline throughput rate when utilizing the backup flare control device from C.1.e (gallons gasoline loaded when utilizing the backup flare control device/rolling, 12-month period) x emission factor (lbs of VOC/gallon gasoline loaded when utilizing the backup flare control device)] x 1 Ton/2000 lbs = Tons of VOC/rolling, 12-month period.

2. The permittee shall maintain daily records of the gasoline loading rate, in gallons per minute, when utilizing the backup flare control device.
3. The permittee shall perform monthly monitoring of all potential sources of vapor leaks in the terminal's vapor collection system and vapor control system while a gasoline tank truck is being loaded. The permittee shall concurrently employ both the sight, sound, or smell method outlined in 40 CFR 60.502(j) and the leak detection method outlined in paragraph (K) of OAC rule 3745-21-10. The permittee shall record any leak detected with the sight, sound, or smell method and/or any VOC concentration which is equal to or greater than 100 percent of the lower explosive limit as propane as vapor leaks. The permittee shall maintain records of the results of the monthly leak checks, including at a minimum, the following information:
- a. the date of inspection;
- b. the findings of the inspection, which shall indicate the location, nature, and severity of the leak;

Emissions Unit ID: J002

- c. the leak detection method (sight, sound, or smell and/or portable gas analyzer);
- d. the corrective action(s) taken to repair each leak and the date of final repair;
- e. the reasons for any repair interval exceeding 15 calendar days (from the time of detection to the date of final repair) for each leak detected by sight, sound, or smell and/or any leak equal to or greater than one hundred per cent of the lower explosive limit as propane, as determined under paragraph (K) of OAC rule 3745-21-10; and
- f. the inspector's name and signature.

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

4. The permittee shall maintain records, at the terminal, of the tank truck vapor tightness documentation required by term and condition B.10, in accordance with 40 CFR 60.505(a). The documentation file for each gasoline tank truck shall be updated at least once per year, in accordance with 40 CFR 60.505(b), to reflect current test results as determined by 40 CFR Part 60, Appendix A, Method 27.
5. The permittee shall collect and record the following information each normal business day (Monday through Friday, excluding holidays) for the VCS/VRU:
 - a. a log of the downtime for the VCS, VRU, and monitoring equipment, when the associated emissions unit was in operation;
 - b. during the regeneration cycle, the vacuum pressure, in inches of mercury;
 - c. the gasoline supply temperature, in degrees Fahrenheit;
 - d. the absorber pressure, in pounds per square inch; and
 - e. the carbon bed temperatures, in degrees Fahrenheit.
6. The permittee shall implement a preventive maintenance program for the Zink VRU which has been approved by the Hamilton County Department of Environmental Services. The program 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 Hamilton County Department of Environmental Services.

Marat**PTI A****Modification Issued: 8/31/2006**Emissions Unit ID: **J002**

7. The permittee shall maintain the data required by the manufacturer's recommended daily operating guidelines on a daily basis. The permittee shall submit such a checklist to the Hamilton County Department of Environmental Services within 90 days of the issuance of this permit. Any subsequent changes to this checklist shall be mutually agreeable to the permittee and the Hamilton County Department of Environmental Services.

D. Reporting Requirements

1. Any leaks detected by the sight, sound, or smell method pursuant to 40 CFR 60.502(j) and/or 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 Hamilton County Department of Environmental Services 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 to the Hamilton County Department of Environmental Services that identify all exceedances of the rolling 12-month gasoline and/or distillate oil throughput limitations outlined in term and condition B.1 and/or all exceedances of the rolling, 12-month VOC emissions limitations outlined in term and condition A.1.

The permittee shall submit the reports 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). If no deviations occurred during the reporting period, the permittee shall state so in the report.

E. Testing Requirements

1. Compliance with the applicable emissions limitations in Section A.1 of these terms and conditions shall be determined in accordance with the following methods:
 - a. Emissions Limitation
Volatile Organic Compound (VOC) emissions from the VRU stack shall not exceed 0.083 pound per 1000 gallons of gasoline loaded (10 mg/l) and 149.4 pounds per day.

Applicable Compliance Method

Emissions Unit ID: J002

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

i.

the emissions testing shall be conducted within one year after the Issue Date of this Administrative Modification to air Permit to Install (PTI) 14-04049, between the months of May through September and within one year prior to the Expiration Date of the Operating Permit issued after this PTI Administrative Modification, between the months of May through September. The Director (the appropriate local air agency or District Office) reserves the right to notify the permittee that a more frequent test schedule is required;

ii. the emission testing shall be conducted to demonstrate compliance with the allowable mass emission rate(s) for VOCs, in the appropriate averaging period(s);

iii. the following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s):

a. for VOCs, Methods 21 and 25B of 40 CFR Part 60, Appendix A and the method outlined in 40 CFR Part 60.503(d);

b. additionally, the VOC emission rates shall be determined in accordance with the methods and procedures contained in 40 CFR sections 60.503(b), (c), (e), and (f) of "Subpart XX - Standards of Performance for Bulk Gasoline Terminals", except that the gasoline throughput during any test shall not be less than ninety percent of the maximum throughput of the loading rack and not less than eighty thousand gallons;

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

v. during any test, all loading racks shall be open for each product line which

is controlled by the system under test;

- vi. simultaneous use of more than one loading rack shall occur to the extent that such use would normally occur;
- vii. simultaneous use of more than one dispenser on each loading rack shall occur to the extent that such use would normally occur;
- viii. dispensing rates shall be set at the maximum rate at which the equipment is typically operated;
- ix. automatic product dispensers are to be used according to normal operating practices;
- x. 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);
- xi. 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; and
- xii. 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.

b. Emissions Limitations

Marat**PTI A****Modification Issued: 8/31/2006**Emissions Unit ID: **J002**

VOC emissions from the backup flare control device shall not exceed 0.292 pound per 1000 gallons of gasoline loaded (35 mg/l) and 525.4 pound per day. Uncontrolled VOC emissions during distillate oil loading shall not exceed 0.014 pound per 1000 gallons of distillate oil loaded (1.68 mg/l) and 12.6 pounds per day.

Applicable Compliance Method

The VOC emissions limitation for the backup flare control device was developed from the information provided by the manufacturer and included in PTI Application 14-04049 submitted January 9, 1996. The VOC emission limitations for the distillate oil loading was developed from the uncontrolled VOC emission factor for Distillate Oil No.2 loading in AP-42, Fifth Edition, Transportation and Marketing of Petroleum Liquids, Table 5.2-5, 1/95.

If required, the permittee shall demonstrate compliance with the emissions limitations in accordance with the methods and procedures outlined in Method 25 of 40 CFR Part 60, Appendix A. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.

c. Emissions Limitation

18.26 TPY of VOC from the VRU stack, based on a rolling, 12-month summation.
3.70 TPY of VOC from the back flare control device based on a rolling, 12-month summation.

Applicable Compliance Method

Compliance with the rolling, 12-month VOC emissions limitations shall be demonstrated by the record keeping requirements in term and condition C.1.

2. Compliance with the fuel throughput limitation in term and condition B.1 shall be demonstrated by the record keeping requirements of term and condition C.1.
3. Compliance with the operational parameters of the vapor collection and control system in terms and condition B.15 shall be demonstrated by the record keeping requirements of term and condition C.5.
4. Compliance with the limitation in term and condition B.10 shall be demonstrated by the record keeping requirements of term and condition C.4.

F. Miscellaneous Requirements

Marathon Petroleum Company LLC, Lebanon
PTI Application: 14-04049
Modif

Facility ID: 148300017

Emissions Unit ID: J002

1. Modeling to demonstrate compliance with the Ohio EPA's "Air Toxic Policy" was not necessary because the emissions unit's maximum annual emissions for each toxic pollutant will be less than 1.0 ton. OAC Chapter 3745-31 requires a permittee to apply for and obtain a new or modified permit to install prior to making a "modification" as defined by OAC rule 3745-31-01. The permittee is hereby advised that a new permit to install application would be required for an emissions unit if changes in the composition of the materials or use of new materials would cause the emissions of any pollutant that has a listed Threshold Limit Value (TLV), as documented in the most current version of the American Conference of Governmental Industrial Hygienists' (ACGIH's) handbook entitled "TLVs and BEIs" ("Threshold Limit Values for Chemical Substances and Physical Agents, Biological Exposure Indices"), to increase to above 1.0 ton per year.
2. The following terms and conditions of this permit are federally enforceable: A, B, C, D, and E.
3. The terms and conditions of this permit to install shall supersede the terms and conditions of permit to install 14-04049 issued on August 21, 1996.

Marat**PTI A****Modification Issued: 8/31/2006**Emissions Unit ID: **T006****PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)****A. Applicable Emissions Limitations and/or Control Requirements**

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
T006 - Tank 150-6. 5.8 million gallon Internal Floating Roof (IFR) tank storing gasoline with mechanical shoe primary seal	OAC rule 3745-31-05(C) Synthetic minor to avoid non-attainment review for ozone permitting requirements OAC rule 3745-35-07(B)(1) Synthetic minor to avoid Title V requirements	Volatile Organic Compound (VOC) emissions from working losses and breathing losses shall not exceed 15.70 tons per year (TPY) based on a rolling, 12-month summation.
	OAC rule 3745-21-09(L)(1)	See term and condition B.1.
	40 CFR Part 60, Subpart Ka 60.112a	See terms and conditions A.2.a, A.2.b, and B.2.

2. Additional Terms and Conditions

- 2.a** The owner or operator of this storage vessel to which 40 CFR Part 60 Subpart Ka applies which contains a petroleum liquid which, as stored, has a true vapor pressure equal to or greater than 10.3kPa (1.5 psia) but not greater than 76.6 kPa (11.1 psia) shall equip this storage vessel as outlined in the operational restriction in term and condition B.2.
- 2.b** The application and enforcement of the provisions of the New Source Performance Standards (NSPS), as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60, are delegated to the Ohio Environmental Protection Agency. The requirements of 40 CFR Part 60 are also federally enforceable.

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

2. The permittee shall equip and maintain the storage vessel according to the following provisions:
 - a. the storage vessel shall have a fixed roof with an internal floating type cover equipped with a continuous closure device between the tank wall and the cover edge;
 - b. the cover is to be floating at all times, (i.e., off the leg supports) except during initial fill and when the tank is completely emptied and subsequently refilled;
 - c. the process of emptying and refilling when the cover is resting on the leg supports shall be continuous and shall be accomplished as rapidly as possible;
 - d. each opening in the cover, except for the automatic bleeder vents and the rim space vents, is to provide a projection below the liquid surface;
 - e. each opening in the cover, except for the automatic bleeder vents, rim space vents, stub drains, and leg sleeves is to be equipped with a cover, seal, 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;
 - f. automatic bleeder vents are to be closed at all times when the cover is floating except when the cover is being floated off or is being landed on the leg supports; and

Marat

PTI A

Modification Issued: 8/31/2006

Emissions Unit ID: **T006**

- g. rim space vents are to be set to open only when the cover is being floated off the leg supports or at the manufacturer's recommended setting.

C. Monitoring and/or Recordkeeping Requirements

- 1. The permittee shall maintain records of the following information for the tank:
 - a. the types of petroleum liquids stored in the tank;

Modification Issued: 8/31/2006

- 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;
 - c. 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;
 - d. the period of storage of the stored product; and
 - e. a statement ensuring that all gasoline transferred out of this emissions unit was transferred through the loading rack (emissions unit J002) or transferred between other on-site storage tanks.
2. The permittee shall maintain monthly records of the updated rolling, 12-month summation of the actual VOC emissions from working losses and breathing losses, in tons, for each month. This shall include the information for the current month and the preceding eleven months. The permittee shall demonstrate compliance by calculating the actual working losses and breathing losses using the Tanks 4.0 emissions estimating software or other appropriate software based on equations developed by the American Petroleum Institute documented in AP-42, Section 7.1, Organic Liquid Storage Tanks.

D. Reporting Requirements

1. The permittee shall notify the Hamilton County Department of Environmental Services within 30 days of the occurrence, of any period of time in which the automatic bleeder vents, rim vents, and all openings other than stub drains were not maintained as required in this permit.
2. The permittee shall submit semi-annual deviation (excursion) reports which identify all exceedances of the rolling, 12-month VOC emissions limitation outlined in Term and Condition A.1. If no deviations occurred during the reporting period, the permittee shall state so in the report. The permittee shall submit such reports to the Hamilton County Department of Environmental Services by February 15 and August 15 of each year and shall address the data obtained during the previous six-month calendar period (July to December and January to June, respectively).

E. Testing Requirements

1. Compliance with the emission limitations in Section A.1 of these terms and conditions

Marathon Petroleum Company LLC, Lebanon
PTI Application: 11-01010
Modif

Facility ID: 148300017

Emissions Unit ID: T006

shall be determined in accordance with the following methods:

- a. Emissions Limitation
Volatile Organic Compound (VOC) emissions from working losses and breathing losses shall not exceed 15.70 TPY, based on a rolling, 12-month summation

Marat

PTI A

Modification Issued: 8/31/2006

Emissions Unit ID: **T006**

Applicable Compliance Method

Compliance with the emissions limitation shall be demonstrated by calculating the actual working losses and breathing losses using the Tanks 4.0 emissions estimating software or other appropriate software based on equations developed by the American Petroleum Institute documented in AP-42, Section 7.1, Organic Liquid Storage Tanks.

2. Compliance with the limitation in term and condition A.2.a shall be demonstrated by the record keeping requirements of term and condition C.1.

F. Miscellaneous Requirements

1. The following terms and conditions of this permit are federally enforceable: A, B, C, D, and E.
2. The terms and conditions of this permit to install shall supersede the terms and conditions of permit to install 14-04049 issued on August 21, 1996.

Marat**PTI A****Modification Issued: 8/31/2006**Emissions Unit ID: **T007****PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)****A. Applicable Emissions Limitations and/or Control Requirements**

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
T007 - Tank 67-7. 2.6 million gallon Internal Floating Roof (IFR) tank storing gasoline with mechanical shoe primary seal	OAC rule 3745-31-05(C) Synthetic minor to avoid non-attainment review for ozone permitting requirements OAC rule 3745-35-07(B)(1) Synthetic Minor to Avoid Title V requirements OAC rule 3745-21-09(L)(1) 40 CFR Part 60, Subpart Ka 60.112a	Volatile Organic Compound (VOC) emissions from working losses and breathing losses shall not exceed 8.60 tons per year (TPY) based on a rolling, 12-month summation. See term and condition B.1. See terms and conditions A.2.a, A.2.b, and B.2.

2. Additional Terms and Conditions

- 2.a The owner or operator of this storage vessel to which 40 CFR Part 60 Subpart Ka applies which contains a petroleum liquid which, as stored, has a true vapor pressure equal to or greater than 10.3kPa (1.5 psia) but not greater than 76.6 kPa (11.1 psia) shall equip this storage vessel as outlined in the operational restriction in term and condition B.2.
- 2.b The application and enforcement of the provisions of the New Source Performance Standards (NSPS), as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60, are delegated to the Ohio Environmental Protection Agency. The requirements of 40 CFR Part 60 are also

29

Marat

PTI A

Modification Issued: 8/31/2006

Emissions Unit ID: **T007**

federally enforceable.

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

2. The permittee shall equip and maintain the storage vessel according to the following provisions:
 - a. the storage vessel shall have a fixed roof with an internal floating type cover equipped with a continuous closure device between the tank wall and the cover edge;
 - b. the cover is to be floating at all times, (i.e., off the leg supports) except during initial fill and when the tank is completely emptied and subsequently refilled;
 - c. the process of emptying and refilling when the cover is resting on the leg supports shall be continuous and shall be accomplished as rapidly as possible;
 - d. each opening in the cover, except for the automatic bleeder vents and the rim space vents, is to provide a projection below the liquid surface;
 - e. each opening in the cover, except for the automatic bleeder vents, rim space vents, stub drains, and leg sleeves is to be equipped with a cover, seal, 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;
 - f. automatic bleeder vents are to be closed at all times when the cover is floating except when the cover is being floated off or is being landed on the leg supports; and

Marathon Petroleum Company LLC, Lebanon
PTI Application: 11-01010
Modif

Facility ID: 148300017

Emissions Unit ID: T007

- g. rim space vents are to be set to open only when the cover is being floated off the leg supports or at the manufacturer's recommended setting.

Marat**PTI A****Modification Issued: 8/31/2006**Emissions Unit ID: **T007****C. Monitoring and/or Recordkeeping Requirements**

1. The permittee shall maintain records of the following information for the tank:
 - a. the types of petroleum liquids stored in the tank;
 - b. the maximum true vapor pressure (in pounds per square inch absolute), as stored, of each petroleum liquid that has a maximum true vapor pressure greater than 1.0 pound per square inch absolute;
 - c. 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;
 - d. the period of storage of the stored product; and
 - e. a statement ensuring that all gasoline transferred out of this emissions unit was transferred through the loading rack (emissions unit J002) or transferred between other on-site storage tanks.
2. The permittee shall maintain monthly records of the updated rolling, 12-month summation of the actual VOC emissions from working losses and breathing losses, in tons, for each month. This shall include the information for the current month and the preceding eleven months. The permittee shall demonstrate compliance by calculating the actual working losses and breathing losses using the Tanks 4.0 emissions estimating software or other appropriate software based on equations developed by the American Petroleum Institute documented in AP-42, Section 7.1, Organic Liquid Storage Tanks.

D. Reporting Requirements

1. The permittee shall notify the Hamilton County Department of Environmental Services within 30 days of the occurrence, of any period of time in which the automatic bleeder vents, rim vents, and all openings other than stub drains were not maintained as required in this permit.
2. The permittee shall submit semi-annual deviation (excursion) reports which identify all exceedances of the rolling, 12-month VOC emissions limitation outlined in Term and Condition A.1. If no deviations occurred during the reporting period, the permittee shall state so in the report. The permittee shall submit such reports to the Hamilton County Department of Environmental Services by February 15 and August 15 of each year and

Marat

PTI A

Modification Issued: 8/31/2006

Emissions Unit ID: **T007**

shall address the data obtained during the previous six-month calendar period (July to December and January to June, respectively).

E. Testing Requirements

1. Compliance with the emission limitations in Section A.1 of these terms and conditions shall be determined in accordance with the following methods:
 - a. Emissions Limitation
Volatile Organic Compound (VOC) emissions from working losses and breathing losses shall not exceed 8.60 TPY, based on a rolling, 12-month summation.

Applicable Compliance Method
Compliance with the emissions limitation shall be demonstrated by calculating the actual working losses and breathing losses using the Tanks 4.0 emissions estimating software or other appropriate software based on equations developed by the American Petroleum Institute documented in AP-42, Section 7.1, Organic Liquid Storage Tanks.
2. Compliance with the limitation in term and condition A.2.a shall be demonstrated by the record keeping requirements of term and condition C.1.

F. Miscellaneous Requirements

1. The following terms and conditions of this permit are federally enforceable: A, B, C, D, and E.
2. The terms and conditions of this permit to install shall supersede the terms and conditions of permit to install 14-04049 issued on August 21, 1996.

Marat**PTI A****Modification Issued: 8/31/2006**Emissions Unit ID: **T008****PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)****A. Applicable Emissions Limitations and/or Control Requirements**

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
T008 - Tank 55-8. 2.2 million gallon Internal Floating Roof (IFR) tank storing gasoline with flexible wiper primary seal	OAC rule 3745-31-05(C) Synthetic minor to avoid non-attainment review for ozone permitting requirements OAC rule 3745-35-07(B)(1) Synthetic Minor to Avoid Title V requirements OAC rule 3745-21-09(L)(1) 40 CFR Part 60, Subpart Ka 60.112a	Volatile Organic Compound (VOC) emissions from working losses and breathing losses shall not exceed 7.80 tons per year (TPY) based on a rolling, 12-month summation. See term and condition B.1. See terms and conditions A.2.a, A.2.b, and B.2.

2. Additional Terms and Conditions

- 2.a** The owner or operator of this storage vessel to which 40 CFR Part 60 Subpart Ka applies which contains a petroleum liquid which, as stored, has a true vapor pressure equal to or greater than 10.3kPa (1.5 psia) but not greater than 76.6 kPa (11.1 psia) shall equip this storage vessel as outlined in the operational restriction in term and condition B.2.
- 2.b** The application and enforcement of the provisions of the New Source Performance Standards (NSPS), as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60, are delegated to the Ohio Environmental Protection Agency. The requirements of 40 CFR Part 60 are also

36

Marat

PTI A

Modification Issued: 8/31/2006

Emissions Unit ID: **T008**

federally enforceable.

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

2. The permittee shall equip and maintain the storage vessel according to the following provisions:
 - a. the storage vessel shall have a fixed roof with an internal floating type cover equipped with a continuous closure device between the tank wall and the cover edge;
 - b. the cover is to be floating at all times, (i.e., off the leg supports) except during initial fill and when the tank is completely emptied and subsequently refilled;
 - c. the process of emptying and refilling when the cover is resting on the leg supports shall be continuous and shall be accomplished as rapidly as possible;
 - d. each opening in the cover, except for the automatic bleeder vents and the rim space vents, is to provide a projection below the liquid surface;
 - e. each opening in the cover, except for the automatic bleeder vents, rim space vents, stub drains, and leg sleeves is to be equipped with a cover, seal, 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;
 - f. automatic bleeder vents are to be closed at all times when the cover is floating except when the cover is being floated off or is being landed on the leg supports; and

Marathon Petroleum Company LLC, Lebanon
PTI Application: 11-01010
Modif

Facility ID: 148300017

Emissions Unit ID: T008

- g. rim space vents are to be set to open only when the cover is being floated off the leg supports or at the manufacturer's recommended setting.

Marat**PTI A****Modification Issued: 8/31/2006**Emissions Unit ID: **T008****C. Monitoring and/or Recordkeeping Requirements**

1. The permittee shall maintain records of the following information for the tank:
 - a. the types of petroleum liquids stored in the tank;
 - b. the maximum true vapor pressure (in pounds per square inch absolute), as stored, of each petroleum liquid that has a maximum true vapor pressure greater than 1.0 pound per square inch absolute;
 - c. 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;
 - d. the period of storage of the stored product; and
 - e. a statement ensuring that all gasoline transferred out of this emissions unit was transferred through the loading rack (emissions unit J002) or transferred between other on-site storage tanks.
2. The permittee shall maintain monthly records of the updated rolling, 12-month summation of the actual VOC emissions from working losses and breathing losses, in tons, for each month. This shall include the information for the current month and the preceding eleven months. The permittee shall demonstrate compliance by calculating the actual working losses and breathing losses using the Tanks 4.0 emissions estimating software or other appropriate software based on equations developed by the American Petroleum Institute documented in AP-42, Section 7.1, Organic Liquid Storage Tanks.

D. Reporting Requirements

1. The permittee shall notify the Hamilton County Department of Environmental Services within 30 days of the occurrence, of any period of time in which the automatic bleeder vents, rim vents, and all openings other than stub drains were not maintained as required in this permit.
2. The permittee shall submit semi-annual deviation (excursion) reports which identify all exceedances of the rolling, 12-month VOC emissions limitation outlined in Term and Condition A.1. If no deviations occurred during the reporting period, the permittee shall state so in the report. The permittee shall submit such reports to the Hamilton County Department of Environmental Services by February 15 and August 15 of each year and

Marat

PTI A

Modification Issued: 8/31/2006

Emissions Unit ID: **T008**

shall address the data obtained during the previous six-month calendar period (July to December and January to June, respectively).

Marat**PTI A****Modification Issued: 8/31/2006**Emissions Unit ID: **T008****E. Testing Requirements**

1. Compliance with the emission limitations in Section A.1 of these terms and conditions shall be determined in accordance with the following methods:

- a. Emissions Limitation

- Volatile Organic Compound (VOC) emissions from working losses and breathing losses shall not exceed 7.80 TPY, based on a rolling, 12-month summation.

- Applicable Compliance Method

- Compliance with the emissions limitation shall be demonstrated by calculating the actual working losses and breathing losses using the Tanks 4.0 emissions estimating software or other appropriate software based on equations developed by the American Petroleum Institute documented in AP-42, Section 7.1, Organic Liquid Storage Tanks.

2. Compliance with the limitation in term and condition A.2.a shall be demonstrated by the record keeping requirements of term and condition C.1.

F. Miscellaneous Requirements

1. The following terms and conditions of this permit are federally enforceable: A, B, C, D, and E.
2. The terms and conditions of this permit to install shall supersede the terms and conditions of permit to install 14-04049 issued on August 21, 1996.