

Facility ID: 1483060110 Issuance type: Title V Draft Permit

This version of facility specific terms and conditions was converted from a database format to an HTML file during an upgrade of the Ohio EPA, Division of Air Pollution Control's permitting software. Every attempt has been made to convert the terms and conditions to look and substantively conform to the permit issued or being drafted in STARS. However, the format of the terms may vary slightly from the original. In addition, although it is not expected, there is a slight possibility that a term and condition may have been inadvertently "left out" of this reproduction during the conversion process. Therefore, if this version is to be used as a starting point in drafting a new version of a permit, it is imperative that the entire set of terms and conditions be reviewed to ensure they substantively mimic the issued permit. The official version of any permit issued final by Ohio EPA is kept in the Agency's Legal section. The Legal section may be contacted at (614) 644-3037.

In addition to the terms and conditions, hyperlinks have been inserted into the document so you may more readily access the section of the document you wish to review.

Finally, the term language under "Part III" and before "I. Applicable Emissions Limitations..." has been added to aid in document conversion, and was not part of the original issued permit.

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Part II - Specific Facility Terms and Conditions

a State and Federally Enforceable Section

1. The following insignificant emissions units are located at this facility:

J101 Non-Gasoline tank truck loading rack
T005 Non-Gasoline fixed roof storage tank, #3305
T009 Non-Gasoline internal floating roof storage tank, #3309
(PTI 14-0860)
T010 Non-Gasoline internal floating roof storage tank, #3361
T011 Non-Gasoline internal floating roof storage tank, #3362
T012 Non-Gasoline internal floating roof storage tank, #3363
T013 Non-Gasoline internal floating roof storage tank, #3364
T014 Non-Gasoline internal floating roof storage tank, #3310
(PTI 14-0860)
T019 Non-Gasoline fixed roof storage tank, IVD Additive Tank
T020 Non-Gasoline fixed roof storage tank, Chevron Additive Tank
T021 Non-Gasoline fixed roof storage tank, JP-8 Additive Tank
T022 Non-Gasoline fixed roof storage tank, Jet Fuel Additive Tank
T023 Non-Gasoline fixed roof storage tank, Slop Tank

Each insignificant emissions unit at this facility must comply with all applicable state and federal regulations, as well as any emission limitations and/or control requirements contained within a permit to install for the emissions unit. Insignificant emissions units listed above that are not subject to specific permit to install requirements are subject to one or more applicable requirements contained in the SIP-approved versions of OAC Chapters 3745-17, 3745-18, and 3745-21.

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b State Only Enforceable Section

1. None

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Part III - Terms and Conditions for Emissions Units

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Facility ID: 1483060110 Emissions Unit ID: J001 Issuance type: Title V Draft Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

i. Applicable Emissions Limitations and/or Control Requirements

- 1. The specific operation(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 employed. Additional applicable emissions limitations and/or control measures (if any) may 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>
Gasoline truck loading rack with a carbon adsorption vapor recovery unit	OAC rule 3745-31-05(A)(3) (PTI 14-01089)	See Term and Condition A.II.1.
	OAC rule 3745-21-09(Q) 40 CFR Part 64 Compliance Assurance Monitoring (CAM)	173.76 TPY of VOC. See Terms and Conditions A.I.2.a - A.I.2.f. See Term and Conditions A.III.2 - A.III.5.

2. Additional Terms and Conditions

- a. The loading rack shall be equipped with a vapor collection system whereby during the transfer of gasoline to any delivery vessel:
 - (a)
 - i. all vapors displaced from the delivery vessel during loading are vented only to the vapor collection system; and
 - ii. the pressure in the vapor collection system is maintained between minus 6 and plus 18 inches of water gauge pressure.
 - b. The loading rack shall be equipped with a vapor control system whereby:
 - i. all vapors collected by the vapor collection system are vented to the vapor control system;
 - ii. the mass emissions of volatile organic compounds (VOC) from the vapor control system do not exceed 0.67 pound of VOC per 1,000 gallons (80 milligrams of VOC per liter) of gasoline loaded into the delivery vessel; and
 - iii. 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.
 - c. 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 connected.
 - d. All gasoline loading lines and vapor lines shall be equipped with fittings which are vapor tight.
 - e. 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.

- f. 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.

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II. Operational Restrictions

1. The maximum transfer of gasoline to any delivery vessel from this emissions unit shall not exceed 518,690,000 gallons per year.

(Authority for term: OAC rule 3745-77-07(A)(1) and OAC rule 3745-31-05(A)(3)).

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III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information:
- the daily amount of gasoline loaded into gasoline tank trucks (recorded in gallons); and
 - the year-to-date total amount of gasoline loaded into tank trucks , (recorded in gallons).
- (Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3)).
2. The permittee shall properly install, operate, and maintain a continuous emission monitoring system (CEMS) to determine the emissions of VOC from the loading rack recorded in milligrams of VOC per liter of gasoline loaded (or equivalent units). The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall collect and record the following information when the loading rack is in use:
- the inlet flow rate to the carbon adsorber in actual cubic feet per minute (ACFM);
 - the inlet hydrocarbon concentration (percent as propane)
 - the outlet hydrocarbon concentration (percent as propane);
 - the inlet vapor temperature;
 - the hourly average VOC emission rate recorded in milligrams of VOC per liter of gasoline loaded*;
 - the rolling six-hour average VOC emission rate recorded in milligrams of VOC per liter of gasoline loaded*; and
 - a log of operating time for the capture (collection) system, carbon adsorber, monitoring equipment, and the associated emissions unit. The permittee may use the above CEMS information to document that the monitoring equipment and control device are operating when the emissions unit is in operation. Bypass of the collection system by the emissions unit shall be logged as to the date and time.

*The VOC emission rate shall be calculated as specified in the Continuous Emission Monitoring System (CEMS) Quality Control Program, Appendix 1, dated August, 2007 submitted in support of the permittee's CAM plan submitted on August 28, 2007.

Should an upgrade of the CEMS system occur, the permittee shall notify the Hamilton in County Department of Environmental Services at least 30-days prior to the modification taking place.

(Authority for term: OAC rule 3745-77-07(C)(1) and 40 CFR Part 64)

3. The permittee shall perform the following calibration checks to ensure the CEMS system is not exceeding greater than 2.5 percent of the span value:
- an automated calibration check on a daily basis; and
 - a monthly manual calibration check.

The permittee shall collect and record the results of both the daily and monthly calibration checks. Should the span value exceed 2.5 percent, the permittee shall recalibrate the CEMS to correct the problem.

(Authority for term: OAC rule 3745-77-07(C)(1) and 40 CFR Part 64)

4. The CAM plan for monitoring the control efficiency (emission rate) for the carbon adsorber controlling VOC emissions from this emissions unit is based on an emission rate calculation using the information collected and recorded in A.III.2 above. The CAM performance indicator, and indicator range, is the emission limitation of 80 milligrams of VOC per liter of gasoline loaded based on a rolling six-hour average. When the emission rate is outside of the indicator range(s), corrective action (including, but not limited to, an evaluation of the carbon adsorber) will be required.

Upon detecting an excursion of the carbon adsorber indicator range listed above, the owner or operator shall restore operation of the emissions unit (including the control device) to its normal or usual manner of

operation as expeditiously as practicable in accordance with good air pollution control practices for minimizing emissions. The response shall include minimizing the period of any startup, shutdown or malfunction and taking any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion. Such actions may include initial inspection and evaluation, recording that operations returned to normal without operator action, or any necessary follow-up actions to return operation to within the indicator range.

The permittee shall maintain records of the following information for each investigation of a deviation from the indicator range: the date and time the deviation began and the magnitude of the deviation at that time, the date(s) the investigation was conducted, the names of the personnel who conducted the investigation, and the findings and recommendations. Investigation and records required by this paragraph does not eliminate the need to comply with the requirements of OAC rule 3745-15-06 if it is determined that a malfunction has occurred.

(Authority for term: OAC rule 3745-77-07(C)(1) and 40 CFR Part 64)

5. If a determination is made by the Administrator or Ohio EPA that the permittee has not used acceptable procedures in response to an excursion or exceedance based on the results of a determination made under 40 CFR Part 64.7(d)(2), the permittee may be required to develop a Quality Improvement Plan (QIP) consistent with the requirements of 40 CFR Part 64.8.

(Authority for term: OAC rule 3745-77-07(C)(1) and 40 CFR Part 64)

6. On a quarterly basis, the permittee shall conduct leak checks for the gasoline vapor collection system, vapor balance system, and carbon adsorption unit. The following methods and procedures shall be followed for detecting leaks of gasoline vapors by means of a portable hydrocarbon gas analyzer, which is calibrated to read in percent of the lower explosive limit as propane.

(Authority for term: OAC rule 3745-77-07(C)(1), OAC rule 3745-21-09(Q) and OAC rule 3745-21-10(E).

- a. At a minimum, equipment capable of meeting the following standards shall be used:
- i. a liquid manometer, or equivalent device, capable of measuring up to twenty-five inches of water gauge pressure with a precision of plus or minus 0.1 inch of water; and
 - ii. a portable hydrocarbon gas analyzer which:
 - a. is equipped with a sampling line of sufficient length for easy maneuverability during testing and a sampling probe having an internal diameter of 0.25 inch;
 - b. is certified as safe for operation in explosive atmospheres;
 - c. has a minimum range of zero to one hundred percent of the lower explosive limit as propane; and
 - d. has a response time for full-scale deflection of less than eight seconds with sampling line and probe attached.

The portable hydrocarbon gas analyzer shall be calibrated with 2.2 per cent propane by volume in air (or equivalent calibration gas) for one hundred percent of the lower explosive limit according to the procedures and frequency specified by the manufacturer.

(Authority for term: OAC rule 3745-77-07(C)(1), OAC rule 3745-21-09(Q) and OAC rule 3745-21-10(E).

- b. At a minimum, the following test procedures for detecting leaks shall be followed:
- i. connect the liquid manometer to a pressure tap in the vapor control system, vapor collection system, or vapor balance system as close as possible to the connection with the gasoline tank truck;
 - ii. record the pressure periodically during loading of the gasoline tank truck;
 - iii. check with the portable hydrocarbon gas analyzer all potential leak sources on the gasoline tank truck during loading and on the vapor control system, vapor collection system, or vapor balance system by:
 - a. maintaining the probe's inlet about one inch from the potential leak source in the path of (parallel to) the vapor flow from a leak;
 - b. moving the probe slowly around the periphery of the potential leak source to locate the point of highest meter response;
 - c. blocking as much as possible the wind from the area being monitored; and

The location of leakage and the highest detector reading for each incidence of leakage shall be recorded in a log book. Should the leakage rate exceed that listed in A.1.2.f of this permit, the permittee shall maintain records sufficient to demonstrate the leak was corrected within the time frames specified in A.1.2.f.

(Authority for term: OAC rule 3745-77-07(C)(1), OAC rule 3745-21-09(Q) and OAC rule 3745-21-10(E).

7. Pursuant to OAC Rule 3745-77-07(A)(3)(a)(ii), the following monitoring and record keeping requirements are as stringent as or more stringent than the monitoring and record keeping requirements contained in Permit to Install 14-01089: A.III.1-A.III.6. The monitoring and record keeping requirements contained in the above-referenced Permit to Install are subsumed into the monitoring and record keeping requirements of this operating permit, so that compliance with these requirements constitutes compliance with the underlying monitoring and record keeping requirements in the Permit to Install.

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IV. Reporting Requirements

1. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any daily record showing an exceedance of the gasoline throughput limitation in A.II.1 of this permit. The notification shall include a copy of such record and shall be sent to the Hamilton County Department of Environmental Services within 45 days following the end of the calendar month.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3))

2. The permittee shall submit quarterly deviation (excursion) reports for any exceedance of the emission limitation specified in A.I.2.b.ii. At a minimum, the report shall contain the following information for each exceedance:

- a. the time and date the exceedance began;
- b. the length of the exceedance;
- c. the cause of the exceedance; and
- d. the corrective action taken to eliminate the exceedance.

The deviation reports shall be submitted in accordance with General Term and Condition A.1.c.ii of this permit.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-31-05(A)(3))

3. 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.

(Authority for term: OAC rule 3745-77-07(C)(1), OAC 3745-21-09(Q), and OAC rule 3745-31-05(A)(3))

4. Pursuant to OAC Rule 3745-77-07(A)(3)(a)(ii), the following reporting requirements are as stringent as or more stringent than the reporting requirements contained in Permit to Install 14-01089: A.IV.1-AIV.3. The reporting requirements contained in the above-referenced Permit to Install are subsumed into the reporting requirements of this operating permit, so that compliance with these requirements constitutes compliance with the underlying reporting requirements in the Permit to Install.

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V. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):

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

a. the emission testing shall be conducted within 12 months after 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 June through August during these periods;

b. the emission testing shall be conducted to demonstrate compliance with the 0.67 pounds of VOC per thousand gallons, (80 milligrams of VOC per liter) of gasoline loaded;

c. 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

d. 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. 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).

(Authority for term: OAC rule 3745-77-07(C)(1))

- b. Compliance with the leakage rate limitations specified in section A.I.2.f of this permit shall be demonstrated by the information collected and recorded in section A.IV.6-A.IV.6.b of this permit.
(Authority for term: OAC rule 3745-77-07(C)(1))
- c. Compliance with the annual throughput limit specified in A.II.1 shall be determined by the record keeping requirements contained in A.III.1.
(Authority for term: OAC rule 3745-77-07(C)(1))
- d. Ongoing compliance with the emission limitation of 80 milligrams of VOC per liter of gasoline loaded shall be demonstrated by the information collected and recorded in A.III.2.f. of this permit.
(Authority for term: OAC rule 3745-77-07(C)(1))
- d. Emission Limitation:
173.76 TPY of VOC.
Applicable Compliance Method:
The TPY emission limitation was established by multiplying the short term emission limitation of 0.67 pound of VOC per 1000 gallon(s) by the throughput limitation of 518,690,000 gallons per year, see the calculation below.
$$(0.67 \text{ pounds of VOC}/1000 \text{ Gallons throughput} \times 518,690,000 \text{ Gallons})/2000 \text{ lbs/ton} = 173.76 \text{ TPY VOC.}$$
Compliance with the TPY emission limitation may demonstrated by multiplying the VOC CEM data in A.III.2.e by the throughput amount(converted to liters from gallons) collected and recorded in A.III.1.
- 2. Pursuant to OAC Rule 3745-77-07(A)(3)(a)(ii), the following testing requirements are as stringent as or more stringent than the testing requirements contained in Permit to Install 14-01089: A.V.1.a - A.V.1.d The testing requirements contained in the above-referenced Permit to Install are subsumed into the testing requirements of this operating permit, so that compliance with these requirements constitutes compliance with the underlying testing requirements in the Permit to Install.

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VI. Miscellaneous Requirements

1. Should the permittee need to take the carbon adsorption unit off-line for scheduled maintenance, repair, or replacement, the permittee shall notify the Hamilton County Department of Environmental Services at least 45 days prior to such action. This notification at a minimum shall include the following information:
 - i. the reason for the need take the carbon adsorption unit off-line;
 - ii. the alternative control device being utilized while the carbon adsorption unit is off-line;
 - iii. certification (manufacturer's guarantee) that the control device is capable of meeting the emission limitations and control requirements specified in this permit; and
 - iv. a proposed parametric monitoring plan to ensure ongoing compliance with the emission limitations and control requirements specified in this permit.

After receipt, and review of the permittee's proposal for an alternative control device for maintenance procedure, repairs, or replacement, the Hamilton County Department of Environmental Services may issue and approval letter for such a change. The permittee shall not proceed with the alternative control devices without receiving written permission from the Hamilton County Department of Environmental Services.
2. This facility is not a major source of Hazardous Air Pollutants (HAPs). Therefore, this emissions unit is currently exempt from the requirements of 40 CFR Part 63 Subpart R. Should Teppco Lebanon Terminal increase its potential emissions of Hazardous Air Pollutants(HAP) above 10 tons per year for a single HAP, or 25 TPY for all HAP's, the requirements of 40 CFR Part 63 Subpart R will apply.
3. This emission unit was installed prior to December 17, 1980. Therefore, it is not required to comply with the requirements specified in 40 CFR Part 60 Subpart XX, Standards of Performance for Bulk Gasoline Terminals.

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B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(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 employed. Additional applicable emissions limitations and/or control measures (if any) may 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>
Gasoline truck loading rack with a carbon adsorption vapor recovery unit		
2. Additional Terms and Conditions		
1. None		

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II. Operational Restrictions

1. None

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III. Monitoring and/or Record Keeping Requirements

1. None

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IV. Reporting Requirements

1. None

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V. Testing Requirements

1. None

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VI. Miscellaneous Requirements

1. None

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Facility ID: 1483060110 Emissions Unit ID: T001 Issuance type: Title V Draft Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(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 employed. Additional applicable emissions limitations and/or control measures (if any) may 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>
60,970 barrel internal floating roof storage tank # 3301	OAC 3745-21-09(L)(1)	See Term and Condition A.I.2.a below.

2. **Additional Terms and Conditions**

- a. The permittee shall install the following control equipment and shall maintain tank vents, seals, and covers as follows:
 - (a)
 - i. the fixed roof storage tank shall be equipped with an internal floating roof;
 - ii. the automatic bleeder vents shall be closed at all times except when the roof is floated off or landed on the roof leg supports;
 - iii. 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
 - iv. 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.

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- II. **Operational Restrictions**

1. None

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- III. **Monitoring and/or Record Keeping Requirements**

1. The permittee shall maintain records of the following information for the fixed roof tank:
 - a. the types of petroleum liquids stored in the tank; and
 - b. the maximum true vapor pressure (in pounds per square inch absolute), as stored, of each petroleum liquid that has a maximum true vapor pressure greater than 1.0 pound per square inch absolute.

[Authority for term: OAC rules 3745-21-09(L)(3) and 3745-77-07(C)(1)]
2. The permittee shall maintain a record of any period of time in which the automatic bleeder vents, rim vents, and all openings other than stub drains were not maintained as required in this permit.

(Authority for term: OAC rule 3745-77-07(C)(1))

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- IV. **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.

(Authority for term: OAC rules 3745-21-09(L)(4) and OAC rule 3745-77-07(C)(1))

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- V. **Testing Requirements**

1. Compliance with the emission limitation(s) in Section A.I of these terms and conditions shall be determined in accordance with the following method(s):
 - a. Control Measure Requirements:

Operational Restrictions as listed in Term and Condition A.I.2.a.

Applicable Compliance Method:

Compliance with the control measure requirements in Term and Condition A.I.2.a shall be demonstrated by the record keeping requirements in Term and Condition A.III.

(Authority for term: 3745-77-07(C)(1))

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VI. **Miscellaneous Requirements**

1. None

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B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(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 employed. Additional applicable emissions limitations and/or control measures (if any) may 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>
60,970 barrel internal floating roof storage tank # 3301		

2. **Additional Terms and Conditions**

1. None

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. None

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IV. **Reporting Requirements**

1. None

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V. **Testing Requirements**

1. None

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 1483060110 Emissions Unit ID: T002 Issuance type: Title V Draft Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(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 employed. Additional applicable emissions limitations and/or control measures (if any) may 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>
60,973 barrel internal floating roof storage tank # 3302	OAC 3745-21-09(L)(1)	See Term and Condition A.I.2.a below.

2. Additional Terms and Conditions

- a. The permittee shall install the following control equipment and shall maintain tank vents, seals, and or covers as follows:
 - (a)
 - i. the fixed roof storage tank shall be equipped with an internal floating roof;
 - ii. the automatic bleeder vents shall be closed at all times except when the roof is floated off or landed on the roof leg supports;
 - iii. 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
 - iv. 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.

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II. Operational Restrictions

1. None

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III. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain records of the following information for the fixed roof tank:
 - a. the types of petroleum liquids stored in the tank; and
 - b. the maximum true vapor pressure (in pounds per square inch absolute), as stored, of each petroleum liquid that has a maximum true vapor pressure greater than 1.0 pound per square inch absolute.

[Authority for term: OAC rules 3745-21-09(L)(3) and 3745-77-07(C)(1)]
2. The permittee shall maintain a record of any period of time in which the automatic bleeder vents, rim vents, and all openings other than stub drains were not maintained as required in this permit.

(Authority for term: OAC rule 3745-77-07(C)(1))

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IV. 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.

(Authority for term: OAC rules 3745-21-09(L)(4) and OAC rule 3745-77-07(C)(1))

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V. **Testing Requirements**

1. Compliance with the emission limitation(s) in Section A.I of these terms and conditions shall be determined in accordance with the following method(s):
 - a. Control Measure Requirements:
 - Operational Restrictions as listed in Term and Condition A.I.2.a.
 - Applicable Compliance Method:
 - Compliance with the control measure requirements in Term and Condition A.I.2.a shall be demonstrated by the record keeping requirements in Term and Condition A.III.
 - (Authority for term:3745-77-07(C)(1))

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 1483060110 Emissions Unit ID: T002 Issuance type: Title V Draft Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(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 employed. Additional applicable emissions limitations and/or control measures (if any) may 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>
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60,973 barrel internal floating roof storage tank # 3302		
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2. **Additional Terms and Conditions**

1. None

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. None

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IV. **Reporting Requirements**

- 1. None

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V. **Testing Requirements**

- 1. None

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VI. **Miscellaneous Requirements**

- 1. None

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Part III - Terms and Conditions for Emissions Units

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Facility ID: 1483060110 Emissions Unit ID: T003 Issuance type: Title V Draft Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

- 1. The specific operation(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 employed. Additional applicable emissions limitations and/or control measures (if any) may 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>
60,980 barrel internal floating roof storage tank # 3303	OAC 3745-21-09(L)(1)	See Term and Condition A.I.2.a below.

2. **Additional Terms and Conditions**

- a. The permittee shall install the following control equipment and shall maintain tank vents, seals, and or covers as follows:
 - (a)
 - i. the fixed roof storage tank shall be equipped with an internal floating roof;
 - ii. the automatic bleeder vents shall be closed at all times except when the roof is floated off or landed on the roof leg supports;
 - iii. 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
 - iv. 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.

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II. **Operational Restrictions**

- 1. None

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III. **Monitoring and/or Record Keeping Requirements**

- 1. The permittee shall maintain records of the following information for the fixed roof tank:
 - a. the types of petroleum liquids stored in the tank; and
 - b. the maximum true vapor pressure (in pounds per square inch absolute), as stored, of each petroleum

liquid that has a maximum true vapor pressure greater than 1.0 pound per square inch absolute.

[Authority for term: OAC rules 3745-21-09(L)(3) and 3745-77-07(C)(1)]

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

(Authority for term: OAC rule 3745-77-07(C)(1))

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IV. 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.

(Authority for term: OAC rules 3745-21-09(L)(4) and OAC rule 3745-77-07(C)(1))

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V. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.I of these terms and conditions shall be determined in accordance with the following method(s):

- a. Control Measure Requirements:

Operational Restrictions as listed in Term and Condition A.I.2.a.

Applicable Compliance Method:

Compliance with the control measure requirements in Term and Condition A.I.2.a shall be demonstrated by the record keeping requirements in Term and Condition A.III.

(Authority for term:3745-77-07(C)(1))

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VI. Miscellaneous Requirements

1. None

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Facility ID: 1483060110 Emissions Unit ID: T003 Issuance type: Title V Draft Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(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 employed. Additional applicable emissions limitations and/or control measures (if any) may 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>
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60,980 barrel internal floating roof storage tank # 3303		
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2. **Additional Terms and Conditions**

1. None

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II. Operational Restrictions

- 1. None

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III. Monitoring and/or Record Keeping Requirements

- 1. None

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IV. Reporting Requirements

- 1. None

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V. Testing Requirements

- 1. None

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VI. Miscellaneous Requirements

- 1. None

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Part III - Terms and Conditions for Emissions Units

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Facility ID: 1483060110 Emissions Unit ID: T004 Issuance type: Title V Draft Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

I. Applicable Emissions Limitations and/or Control Requirements

- 1. The specific operation(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 employed. Additional applicable emissions limitations and/or control measures (if any) may 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>
79,182 barrel internal floating roof storage tank # 3304	OAC 3745-21-09(L)(1)	See Term and Condition A.I.2.a below.

2. Additional Terms and Conditions

- a. The permittee shall install the following control equipment and shall maintain tank vents, seals, and or covers as follows:
 - (a)
 - i. the fixed roof storage tank shall be equipped with an internal floating roof;
 - ii. the automatic bleeder vents shall be closed at all times except when the roof is floated off or landed on the roof leg supports;
 - iii. 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
 - iv. 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.

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. The permittee shall maintain records of the following information for the fixed roof tank:
 - a. the types of petroleum liquids stored in the tank; and
 - b. the maximum true vapor pressure (in pounds per square inch absolute), as stored, of each petroleum liquid that has a maximum true vapor pressure greater than 1.0 pound per square inch absolute.

[Authority for term: OAC rules 3745-21-09(L)(3) and 3745-77-07(C)(1)]
2. The permittee shall maintain a record of any period of time in which the automatic bleeder vents, rim vents, and all openings other than stub drains were not maintained as required in this permit.

(Authority for term: OAC rule 3745-77-07(C)(1))

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IV. **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.

(Authority for term: OAC rules 3745-21-09(L)(4) and OAC rule 3745-77-07(C)(1))

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V. **Testing Requirements**

1. Compliance with the emission limitation(s) in Section A.I of these terms and conditions shall be determined in accordance with the following method(s):
 - a. Control Measure Requirements:

Operational Restrictions as listed in Term and Condition A.I.2.a.

Applicable Compliance Method:

Compliance with the control measure requirements in Term and Condition A.I.2.a shall be demonstrated by the record keeping requirements in Term and Condition A.III.

(Authority for term:3745-77-07(C)(1))

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 1483060110 Emissions Unit ID: T004 Issuance type: Title V Draft Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

I. Applicable Emissions Limitations and/or Control Requirements

- 1. The specific operation(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 employed. Additional applicable emissions limitations and/or control measures (if any) may 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>
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79,182 barrel internal floating roof storage tank # 3304		
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2. Additional Terms and Conditions

- 1. None

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II. Operational Restrictions

- 1. None

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III. Monitoring and/or Record Keeping Requirements

- 1. None

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IV. Reporting Requirements

- 1. None

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V. Testing Requirements

- 1. None

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VI. Miscellaneous Requirements

- 1. None

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Part III - Terms and Conditions for Emissions Units

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Facility ID: 1483060110 Emissions Unit ID: T006 Issuance type: Title V Draft Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

I. Applicable Emissions Limitations and/or Control Requirements

- 1. The specific operation(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 employed. Additional applicable emissions limitations and/or control measures (if any) may 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>
5.124 MM gallon storage tank with internal floating roof # 3306	OAC rule 3745-31-05(A)(3) (PTI 14-03581)	The emissions of volatile organic compounds (VOC) shall not exceed 8.57 TPY. See Term and Condition A.II.1.
	OAC rule 3745-21-09(L) 40 CFR Part 60 Subpart Kb 60.112(b)(a)(1)	The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-09(L) and 40 CFR Part 60, Subpart Kb. See Term and Condition A.I.2.a. See Term and Condition A.I.2.b - A.I.2.k.

2. **Additional Terms and Conditions**

- a. The permittee shall install the following control equipment and shall maintain tank vents, seals, and or covers as follows:
 - (a)
 - i. the fixed roof storage tank shall be equipped with an internal floating roof;
 - ii. the automatic bleeder vents shall be closed at all times except when the roof is floated off or landed on the roof leg supports;
 - iii. 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
 - iv. 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.
 - b. The owner or operator of each storage vessel with a design capacity greater than or equal to 151 cubic meters (m3) containing a volatile organic liquid (VOL) that, as stored, has a maximum true vapor pressure equal to or greater than 5.2 kilopascals (kPa) but less than 76.6 kPa shall equip each storage vessel with a fixed roof in combination with an internal floating roof.
 - c. The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal floating roof shall be floating on the liquid surface at all times, except during the initial fill and during those intervals when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as quickly as possible.
 - d. Each internal floating roof shall be equipped with one of the following closure devices between the wall of the storage vessel and the edge of the internal floating roof:
 - i. a foam- or liquid-filled seal mounted in contact with the liquid (liquid-mounted seal). A liquid-mounted seal means a foam- or liquid-filled seal mounted in contact with the liquid between the wall of the storage vessel and the floating roof continuously around the circumference of the tank;
 - ii. two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the internal floating roof. The lower seal may be vapor-mounted but both must be continuous; and
 - iii. a mechanical shoe seal. A mechanical shoe seal is a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and is connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof.
 - e. Each opening in a noncontact internal floating roof except for automatic bleeder vents (vacuum breaker vents) and the rim space vents is to provide a projection below the liquid surface.
 - f. Each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains is to be equipped with a cover or lid which is to be maintained in a closed position at all times (i.e., no visible gap) except when the device is in actual use. The cover or lid shall be equipped with a gasket. Covers on each access hatch and automatic gauge float well shall be bolted except when they are in use.
 - g. Automatic bleeder vents shall be equipped with a gasket and are to be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports.
 - h. Rim space vents shall be equipped with a gasket and are to be set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting.
 - i. Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The sample well shall have a slit fabric cover that covers at least 90 percent of the opening.

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

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II. Operational Restrictions

- 1. The throughput of petroleum liquids in this emissions unit shall not exceed 252,000,000 gallons per year.
(Authority for term: OAC rules 3745-31-05(A)(3) and 3745-77-07(A)(1))

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III. Monitoring and/or Record Keeping Requirements

- 1. The permittee shall maintain monthly records of the amount of material throughput for this emissions unit in gallons per month and total gallons, to date, for the calendar year.
(Authority for term: OAC rules 3745-31-05(A)(3) and 3745-77-07(C)(1))
- 2. The permittee shall maintain monthly records documenting any occurrence of an internal floating roof landing event (where the roof is resting on the roof leg supports).
(Authority for term: OAC rules 3745-31-05(A)(3) and 3745-77-07(C)(1))
- 3. The permittee shall maintain records of the following information for the fixed roof tank:
 - a. the types of petroleum liquids stored in the tank; and
 - b. the maximum true vapor pressure (in pounds per square inch absolute), as stored, of each petroleum liquid that has a maximum true vapor pressure greater than 1.0 pound per square inch absolute.
(Authority for term: OAC rules 3745-31-05(A)(3), 3745-77-07(C)(1), and 3745-21-09(L)(3))
- 4. The permittee shall maintain a record of any period of time in which the automatic bleeder vents, rim vents, and all openings other than stub drains were not maintained as required in this permit and per the rules.
(Authority for term: OAC rules 3745-31-05(A)(3), 3745-77-07(C)(1), and 3745-21-09(L)(4))
- 5. The permittee shall maintain records of the following information:
 - a. The types of VOL stored in the tank, and the period of storage.
 - b. The maximum true vapor pressure (in pounds per square inch absolute), as stored, of each liquid.
Available data on the storage temperature may be used to determine the maximum true vapor pressure as in the following:
 - i. for vessels operated above or below ambient temperatures, the maximum true vapor pressure is calculated based upon the highest expected calendar-month average of the storage temperature. For vessels operated at ambient temperatures, the maximum true vapor pressure is calculated based upon the maximum local monthly average ambient temperature as reported by the National Weather Service;
 - ii. for refined petroleum products the vapor pressure may be obtained by the following:
 - (a) Available data on the Reid vapor pressure and the maximum expected storage temperature based on the highest expected calendar-month average temperature of the stored product may be used to determine the maximum true vapor pressure from nomographs contained in API Bulletin 2517 (incorporated by reference--see Sec. 60.17), unless the appropriate Ohio EPA district office or local field office specifically requests that the liquid be sampled, the actual storage temperature determined, and the Reid vapor pressure determined from the sample(s).
 - (b) The true vapor pressure of each type of crude oil with a Reid vapor pressure less than 13.8 kPa or with physical properties that preclude determination by the recommended method is to be determined from available data and recorded if the estimated maximum true vapor pressure is greater than 3.5 kP.
 - iii. for other liquids, the vapor pressure:
 - (a) May be obtained from standard reference texts, or
 - (b) Determined by ASTM Method D2879-83 (incorporated by reference--see Sec. 60.17); or
 - (c) Measured by an appropriate method approved by the Ohio EPA; or
 - (d) Calculated by an appropriate method approved by the Ohio EPA.
(Authority for term: OAC rules 3745-31-05(A)(3), 3745-77-07(C)(1), and 40 CFR 60.116b(c) & (e))

6. The permittee shall, for vessels equipped with a liquid-mounted or mechanical shoe primary seal, visually inspect the internal floating roof and the primary seal or the secondary seal (if one is in service) through manholes and roof hatches on the fixed roof at least once every 12 months after initial fill. If the internal floating roof is not resting on the surface of the VOL inside the storage vessel, or there is liquid accumulated on the roof, or the seal is detached, or there are holes or tears in the seal fabric, the owner or operator shall repair the items or empty and remove the storage vessel from service within 45 days. If a failure that is detected during inspections required in this paragraph cannot be repaired within 45 days and if the vessel cannot be emptied within 45 days, a 30-day extension may be requested from the appropriate Ohio EPA district office or local field office in the inspection report required in term and condition A.IV.3.a. Such a request for an extension must document that alternate storage capacity is unavailable and specify a schedule of actions the company will take that will assure that the control equipment will be repaired or the vessel will be emptied as soon as possible.
- (Authority for term: OAC rules 3745-31-05(A)(3), 3745-77-07(C)(1), and 40 CFR 60.113b(a)(2))
7. The permittee shall, for vessels equipped with a double-seal system as specified in term and condition A.I.2.d.ii:
- visually inspect the vessel as specified in term and condition A.III.8. at least every 5 years; or
 - visually inspect the vessel as specified in term and condition A.III.6.
- (Authority for term: OAC rules 3745-31-05(A)(3), 3745-77-07(C)(1), and 40 CFR 60.113b(a)(3))
8. The permittee shall, visually inspect the internal floating roof, the primary seal, the secondary seal (if one is in service), gaskets, slotted membranes and sleeve seals (if any) each time the storage vessel is emptied and degassed. If the internal floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal or the seal fabric, or the gaskets no longer close off the liquid surfaces from the atmosphere, or the slotted membrane has more than 10 percent open area, the owner or operator shall repair the items as necessary so that none of the conditions specified in this paragraph exist before refilling the storage vessel with VOL. In no event shall inspections conducted in accordance with this provision occur at intervals greater than 10 years in the case of vessels conducting the annual visual inspection as specified in terms and conditions A.III.6 and A.III.7.b and at intervals no greater than 5 years in the case of vessels specified in term and condition A.III.7.a.
- (Authority for term: OAC rules 3745-31-05(A)(3), 3745-77-07(C)(1), and 40 CFR 60.113b(a)(4))
9. The owner or operator shall keep copies of all reports and records required in terms and conditions A.III.5 and A.IV.5 for at least 2 years.
- (Authority for term: OAC rules 3745-31-05(A)(3), 3745-77-07(C)(1), and 40 CFR 60.116b(a))
10. Keep a record of each inspection performed as required by terms and conditions A.III.6, A.III.7, and A.III.8. Each record shall identify the storage vessel on which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the control equipment (seals, internal floating roof, and fittings).
- (Authority for term: OAC rules 3745-31-05(A)(3), 3745-77-07(C)(1), and 40 CFR 60.115b(a)(2))
11. The owner or operator shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel (shall be kept for the life of the source).
- (Authority for term: OAC rules 3745-31-05(A)(3), 3745-77-07(C)(1), and 40 CFR 60.116b(b))
12. Pursuant to OAC Rule 3745-77-07(A)(3)(a)(ii), the following monitoring and record keeping requirements are as stringent as or more stringent than the monitoring and record keeping requirements contained in Permit to Install 14-03581: A.III.1-A.III.11. The monitoring and record keeping requirements contained in the above-referenced Permit to Install are subsumed into the monitoring and record keeping requirements of this operating permit, so that compliance with these requirements constitutes compliance with the underlying monitoring and record keeping requirements in the Permit to Install.

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IV. Reporting Requirements

1. The permittee shall submit an annual deviation (excursion) report to the Hamilton County Department of Environmental Services that identifies any exceedance of the annual material throughput limitation. If no deviations occurred during a calendar year, the permittee shall state so in the report. These reports shall be submitted by January 31 of each year.
- (Authority for term: OAC rules 3745-31-05(A)(3) and 3745-77-07(C)(1))
2. 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.
- (Authority for term: OAC rules 3745-31-05(A)(3), 3745-77-07(C)(1), and 3745-21-09(L)(4))
3. After installing control equipment in accordance with 40 CFR 60.112b(a)(1) (fixed roof and internal floating roof), the permittee shall meet the following reporting requirements:
- if any of the conditions described in 40 CFR 60.113b(a)(2) are detected during the annual visual inspection required by 40 CFR 60.113b(a)(2), a report shall be furnished to the Hamilton County Department of Environmental Services within 30 days of the inspection. Each report shall identify the

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

b. after each inspection required by 40 CFR 60.113b(a)(3) that finds holes or tears in the seal or seal fabric, or defects in the internal floating roof, or other control equipment defects listed in 40 CFR 60.113b(a)(3)(ii), a report shall be furnished to the Hamilton County Department of Environmental Services within 30 days of the inspection. The report shall identify the storage vessel and the reason it did not meet the specifications of 40 CFR 61.112b(a)(1) or 40 CFR 60.113b(a)(3) and list each repair made.

(Authority for term: OAC rules 3745-31-05(A)(3), 3745-77-07(C)(1), and 40 CFR 60.115b(a)(3) & (a)(4))

4. The permittee shall notify the Hamilton County Department of Environmental Services in writing at least 30 days prior to filling or refilling of each storage vessel for which an inspection is required by term and condition A.III.8 to afford the Department the opportunity to have an observer present. If the inspection required by term and condition A.III.8 is not planned and the owner or operator could not have known about the inspection 30 days in advance of refilling the tank, the owner or operator shall notify the Department at least 7 days prior to the refilling of the storage vessel. Notification shall be made by telephone immediately followed by written documentation demonstrating why the inspection was unplanned. Alternatively, this notification, including the written documentation, may be made in writing and sent by express mail so that it is received by the Department at least 7 days prior to the refilling.

(Authority for term: OAC rules 3745-31-05(A)(3), 3745-77-07(C)(1), and 40 CFR 60.113b(a)(5))

5. The owner or operator of each storage vessel either with a design capacity greater than or equal to 151 cubic meters storing a liquid with a maximum true vapor pressure that is normally less than 5.2 kPa (0.75 psia) or with a design capacity greater than or equal to 75 cubic meters but less than 151 cubic meters storing a liquid with a maximum true vapor pressure that is normally less than 27.6 kPa (4.0 psia) shall notify the Hamilton County Department of Environmental Services within 30 days when the maximum true vapor pressure of the liquid exceeds the respective maximum true vapor pressure values for each volume range.

(Authority for term: OAC rules 3745-31-05(A)(3), 3745-77-07(C)(1), and 40 CFR 60.116b(d))

6. Pursuant to OAC Rule 3745-77-07(A)(3)(a)(ii), the following reporting requirements are as stringent as or more stringent than the reporting requirements contained in Permit to Install 14-01089: A.IV.1-AIV.5. The reporting requirements contained in the above-referenced Permit to Install are subsumed into the reporting requirements of this operating permit, so that compliance with these requirements constitutes compliance with the underlying reporting requirements in the Permit to Install.

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V. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.I of these terms and conditions shall be determined in accordance with the following method(s):

a. Emissions Limitation:

Emissions of volatile organic compounds (VOC) shall not exceed 8.57 tons per year (TPY).

Applicable Compliance Method:

The permittee shall demonstrate compliance with the emission limitation by the emission equations for rim seal losses, withdrawal losses, deck fitting losses, and landing losses as outlined in the USEPA Tanks 4.0 emissions estimation software program considering the actual annual material throughput, the conventional gasoline seasonal schedule and the actual annual number of internal floating roof landing events.

The emission limitation was established pursuant to PTI 14-03851, March 8, 1995, and confirmed by the PTI Administrative Modification request submitted by the permittee on April 20, 2007 considering a maximum annual material throughput of 252,000,000 gallons, the conventional gasoline seasonal schedule, and the estimated number of internal floating roof landing events.

(Authority for term:3745-77-07(C)(1) and OAC 3745-31-05(A)(3))

b. Control Measure Requirements

Operational Restrictions specified in sections A.I.2.a.-A.I.2.k.

Applicable Compliance Method

Compliance with the control measure requirements in section A.I.2.a -A.I.2.k. shall be demonstrated by the record keeping requirements in Term and Condition A.III.

(Authority for term:OAC rules 3745-77-07(C)(1), OAC 3745-31-05(A)(3), 3745-21-09(L), and 40 CFR Part 60 Subpart Kb))

2. Pursuant to OAC Rule 3745-77-07(A)(3)(a)(ii), the following testing requirements are as stringent as or more stringent than the testing requirements contained in Permit to Install 14-03581: A.V.1.a - A.V.1.b The testing requirements contained in the above-referenced Permit to Install are subsumed into the testing requirements of this operating permit, so that compliance with these requirements constitutes compliance with the underlying testing requirements in the Permit to Install.

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VI. **Miscellaneous Requirements**

- 1. None

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Facility ID: 1483060110 Emissions Unit ID: T006 Issuance type: Title V Draft Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

- 1. The specific operation(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 employed. Additional applicable emissions limitations and/or control measures (if any) may 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>
5.124 MM gallon storage tank with internal floating roof # 3306		
2. Additional Terms and Conditions		
1. None		

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II. **Operational Restrictions**

- 1. None

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III. **Monitoring and/or Record Keeping Requirements**

- 1. None

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IV. **Reporting Requirements**

- 1. None

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V. **Testing Requirements**

- 1. None

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VI. **Miscellaneous Requirements**

- None

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Facility ID: 1483060110 Emissions Unit ID: T007 Issuance type: Title V Draft Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(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 employed. Additional applicable emissions limitations and/or control measures (if any) may 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>
189,402 barrel internal floating roof storage tank # 3307	OAC 3745-21-09(L)(1)	See Term and Condition A.I.2.a below.

2. **Additional Terms and Conditions**
 - a. The permittee shall install the following control equipment and shall maintain tank vents, seals, and or covers as follows:
 - (a)
 - i. the fixed roof storage tank shall be equipped with an internal floating roof;
 - ii. the automatic bleeder vents shall be closed at all times except when the roof is floated off or landed on the roof leg supports;
 - iii. 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
 - iv. 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.

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II. Operational Restrictions

1. None

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III. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain records of the following information for the fixed roof tank:
 - a. the types of petroleum liquids stored in the tank; and
 - b. the maximum true vapor pressure (in pounds per square inch absolute), as stored, of each petroleum liquid that has a maximum true vapor pressure greater than 1.0 pound per square inch absolute.

[Authority for term: OAC rules 3745-21-09(L)(3) and 3745-77-07(C)(1)]
2. The permittee shall maintain a record of any period of time in which the automatic bleeder vents, rim vents, and all openings other than stub drains were not maintained as required in this permit.

(Authority for term: OAC rule 3745-77-07(C)(1))

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IV. 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.

(Authority for term: OAC rules 3745-21-09(L)(4) and OAC rule 3745-77-07(C)(1))

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V. **Testing Requirements**

1. Compliance with the emission limitation(s) in Section A.I of these terms and conditions shall be determined in accordance with the following method(s):
 - a. Control Measure Requirements:

Operational Restrictions as listed in Term and Condition A.I.2.a.

Applicable Compliance Method:

Compliance with the control measure requirements in Term and Condition A.I.2.a shall be demonstrated by the record keeping requirements in Term and Condition A.III.

(Authority for term:3745-77-07(C)(1))

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 1483060110 Emissions Unit ID: T007 Issuance type: Title V Draft Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(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 employed. Additional applicable emissions limitations and/or control measures (if any) may 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>
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189,402 barrel internal floating roof storage tank # 3307		
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2. **Additional Terms and Conditions**

1. None

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. None

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IV. **Reporting Requirements**

1. None

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V. **Testing Requirements**

1. None

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VI. **Miscellaneous Requirements**

1. None

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Part III - Terms and Conditions for Emissions Units

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Facility ID: 1483060110 Emissions Unit ID: T008 Issuance type: Title V Draft Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(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 employed. Additional applicable emissions limitations and/or control measures (if any) may 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>
31,892 barrel internal floating roof storage tank # 3308	OAC 3745-21-09(L)(1)	See Term and Condition A.I.2.a below.

2. **Additional Terms and Conditions**

- a. The permittee shall install the following control equipment and shall maintain tank vents, seals, and covers as follows:

(a)

- i. the fixed roof storage tank shall be equipped with an internal floating roof;
- ii. the automatic bleeder vents shall be closed at all times except when the roof is floated off or landed on the roof leg supports;
- iii. 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
- iv. 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.

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. The permittee shall maintain records of the following information for the fixed roof tank:
 - a. the types of petroleum liquids stored in the tank; and
 - b. the maximum true vapor pressure (in pounds per square inch absolute), as stored, of each petroleum liquid that has a maximum true vapor pressure greater than 1.0 pound per square inch absolute.

[Authority for term: OAC rules 3745-21-09(L)(3) and 3745-77-07(C)(1)]

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

(Authority for term: OAC rule 3745-77-07(C)(1))

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IV. 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.

(Authority for term: OAC rules 3745-21-09(L)(4) and OAC rule 3745-77-07(C)(1))

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V. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.I of these terms and conditions shall be determined in accordance with the following method(s):

- a. Control Measure Requirements:

Operational Restrictions as listed in Term and Condition A.I.2.a.

Applicable Compliance Method:

Compliance with the control measure requirements in Term and Condition A.I.2.a shall be demonstrated by the record keeping requirements in Term and Condition A.III.

(Authority for term: 3745-77-07(C)(1))

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VI. Miscellaneous Requirements

1. None

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Facility ID: 1483060110 Emissions Unit ID: T008 Issuance type: Title V Draft Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(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 employed. Additional applicable emissions limitations and/or control measures (if any) may 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>
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31,892 barrel internal floating roof storage tank # 3308		
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2. **Additional Terms and Conditions**

1. None

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II. **Operational Restrictions**

- 1. None

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III. **Monitoring and/or Record Keeping Requirements**

- 1. None

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IV. **Reporting Requirements**

- 1. None

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V. **Testing Requirements**

- 1. None

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VI. **Miscellaneous Requirements**

- 1. None

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Part III - Terms and Conditions for Emissions Units

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Facility ID: 1483060110 Emissions Unit ID: T101 Issuance type: Title V Draft Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

- 1. The specific operation(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 employed. Additional applicable emissions limitations and/or control measures (if any) may 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>
87,000 barrel internal floating roof storage tank # 3401	OAC 3745-21-09(L)(1)	See Term and Condition A.I.2.a below.

2. **Additional Terms and Conditions**

- a. The permittee shall install the following control equipment and shall maintain tank vents, seals, and or covers as follows:

(a)

- i. the fixed roof storage tank shall be equipped with an internal floating roof;
- ii. the automatic bleeder vents shall be closed at all times except when the roof is floated off or landed on the roof leg supports;
- iii. 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
- iv. 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.

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II. Operational Restrictions

1. None

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III. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain records of the following information for the fixed roof tank:
 - a. the types of petroleum liquids stored in the tank; and
 - b. the maximum true vapor pressure (in pounds per square inch absolute), as stored, of each petroleum liquid that has a maximum true vapor pressure greater than 1.0 pound per square inch absolute.

[Authority for term: OAC rules 3745-21-09(L)(3) and 3745-77-07(C)(1)]

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

(Authority for term: OAC rule 3745-77-07(C)(1))

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IV. 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.

(Authority for term: OAC rules 3745-21-09(L)(4) and OAC rule 3745-77-07(C)(1))

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V. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.I of these terms and conditions shall be determined in accordance with the following method(s):

- a. Control Measure Requirements:

Operational Restrictions as listed in Term and Condition A.I.2.a.

Applicable Compliance Method:

Compliance with the control measure requirements in Term and Condition A.I.2.a shall be demonstrated by the record keeping requirements in Term and Condition A.III.

(Authority for term: 3745-77-07(C)(1))

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VI. Miscellaneous Requirements

1. None

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Facility ID: 1483060110 Emissions Unit ID: T101 Issuance type: Title V Draft Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(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 employed. Additional applicable emissions limitations and/or control measures (if any) may 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>
87,000 barrel internal floating roof storage tank # 3401		

2. **Additional Terms and Conditions**

1. None

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. None

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IV. **Reporting Requirements**

1. None

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V. **Testing Requirements**

1. None

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VI. **Miscellaneous Requirements**

1. None

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Part III - Terms and Conditions for Emissions Units

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Facility ID: 1483060110 Emissions Unit ID: T102 Issuance type: Title V Draft Permit

A. **State and Federally Enforceable Section**

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(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 employed. Additional applicable emissions limitations and/or control measures (if any) may 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>
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120,000 barrel internal floating roof storage tank # 3402 OAC 3745-21-09(L)(1)

See Term and Condition A.I.2.a below.

2. Additional Terms and Conditions

- a. The permittee shall install the following control equipment and shall maintain tank vents, seals, and or covers as follows:
- (a)
- i. the fixed roof storage tank shall be equipped with an internal floating roof;
 - ii. the automatic bleeder vents shall be closed at all times except when the roof is floated off or landed on the roof leg supports;
 - iii. 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
 - iv. 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.

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II. Operational Restrictions

1. None

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III. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain records of the following information for the fixed roof tank:
 - a. the types of petroleum liquids stored in the tank; and
 - b. the maximum true vapor pressure (in pounds per square inch absolute), as stored, of each petroleum liquid that has a maximum true vapor pressure greater than 1.0 pound per square inch absolute.

[Authority for term: OAC rules 3745-21-09(L)(3) and 3745-77-07(C)(1)]
2. The permittee shall maintain a record of any period of time in which the automatic bleeder vents, rim vents, and all openings other than stub drains were not maintained as required in this permit.

(Authority for term: OAC rule 3745-77-07(C)(1))

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IV. 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.

(Authority for term: OAC rules 3745-21-09(L)(4) and OAC rule 3745-77-07(C)(1))

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V. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.I of these terms and conditions shall be determined in accordance with the following method(s):
 - a. Control Measure Requirements:

Operational Restrictions as listed in Term and Condition A.I.2.a.

Applicable Compliance Method:

Compliance with the control measure requirements in Term and Condition A.I.2.a shall be demonstrated by the record keeping requirements in Term and Condition A.III.

(Authority for term: 3745-77-07(C)(1))

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VI. Miscellaneous Requirements

1. None

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Facility ID: 1483060110 Emissions Unit ID: T102 Issuance type: Title V Draft Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(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 employed. Additional applicable emissions limitations and/or control measures (if any) may 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>
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120,000 barrel internal floating roof storage tank # 3402		
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2. **Additional Terms and Conditions**

1. None

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II. Operational Restrictions

1. None

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III. Monitoring and/or Record Keeping Requirements

1. None

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IV. Reporting Requirements

1. None

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V. Testing Requirements

1. None

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VI. Miscellaneous Requirements

1. None

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Part III - Terms and Conditions for Emissions Units

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Facility ID: 1483060110 Emissions Unit ID: T105 Issuance type: Title V Draft Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(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 employed. Additional applicable emissions limitations and/or control measures (if any) may 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>
73,000 barrel internal floating roof storage tank # 3405	OAC 3745-21-09(L)(1)	See Term and Condition A.I.2.a below.

2. Additional Terms and Conditions

- a. The permittee shall install the following control equipment and shall maintain tank vents, seals, and or covers as follows:
 - (a)
 - i. the fixed roof storage tank shall be equipped with an internal floating roof;
 - ii. the automatic bleeder vents shall be closed at all times except when the roof is floated off or landed on the roof leg supports;
 - iii. 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
 - iv. 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.

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II. Operational Restrictions

1. None

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III. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain records of the following information for the fixed roof tank:
 - a. the types of petroleum liquids stored in the tank; and
 - b. the maximum true vapor pressure (in pounds per square inch absolute), as stored, of each petroleum liquid that has a maximum true vapor pressure greater than 1.0 pound per square inch absolute.

[Authority for term: OAC rules 3745-21-09(L)(3) and 3745-77-07(C)(1)]
2. The permittee shall maintain a record of any period of time in which the automatic bleeder vents, rim vents, and all openings other than stub drains were not maintained as required in this permit.

(Authority for term: OAC rule 3745-77-07(C)(1))

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IV. 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.

(Authority for term: OAC rules 3745-21-09(L)(4) and OAC rule 3745-77-07(C)(1))

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V. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.I of these terms and conditions shall be determined in

accordance with the following method(s):

a. Control Measure Requirements:

Operational Restrictions as listed in Term and Condition A.I.2.a.

Applicable Compliance Method:

Compliance with the control measure requirements in Term and Condition A.I.2.a shall be demonstrated by the record keeping requirements in Term and Condition A.III.

(Authority for term:3745-77-07(C)(1))

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VI. Miscellaneous Requirements

- 1. None

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Facility ID: 1483060110 Emissions Unit ID: T105 Issuance type: Title V Draft Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

I. Applicable Emissions Limitations and/or Control Requirements

- 1. The specific operation(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 employed. Additional applicable emissions limitations and/or control measures (if any) may 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>
73,000 barrel internal floating roof storage tank # 3405		

2. Additional Terms and Conditions

- 1. None

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II. Operational Restrictions

- 1. None

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III. Monitoring and/or Record Keeping Requirements

- 1. None

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IV. Reporting Requirements

- 1. None

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V. Testing Requirements

1. None

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VI. **Miscellaneous Requirements**

1. None