

Facility ID: 0448020033 Issuance type: Final State Permit To Operate

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 II" and before "A. Applicable Emissions Limitations..." has been added to aid in document conversion, and was not part of the original issued permit.

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Facility ID: 0448020033 Emissions Unit ID: T001 Issuance type: Final State Permit To Operate

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**Part II - Special Terms and Conditions**

This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
  - (a) None.
2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
  - (a) None.

**A. 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>
T001 - Tank 55-5: 2,167,452 gallon internal floating roof tank	OAC rule 3745-21-09(L)	The control requirements specified by this rule are less stringent than those specified by 40 CFR Part 60, Subpart Kb.
	40 CFR Part 60 subpart A	See Section A.2.d.
	40 CFR Part 60 subpart Kb	See Section B.1.
	40 CFR Part 63 subpart A	See Section A.2.b.
	40 CFR Part 63 subpart R	Exempt - see Section A.2.a.
	40 CFR Part 63 subpart BBBB	See Section A.2.c.

**2. Additional Terms and Conditions**

- (a) The permittee is exempt from the requirements of this subpart since the federally enforceable potential to emit for all emissions units at the facility combined is less than 10 tons per year of any individual HAP and less than 25 tons per year for any combination of HAP. The facility-wide federally enforceable HAP emission limitations are contained in the federally enforceable state operating permit for J001. Table 3 to 40 CFR Part 63 subpart BBBB shows which parts of the General Provisions apply to this emissions unit.  
 The permittee shall comply with all applicable requirements of 40 CFR Part 63 subpart BBBB by no later than January 10, 2011. The permittee shall demonstrate compliance with 40 CFR Part 63 subpart BBBB by maintaining compliance with the requirements of 40 CFR Part 60 subpart Kb.  
  
 The complete 40 CFR Part 63 requirements, including the General Provisions may be accessed via the internet from the Electronic Code of Federal Regulations (e-CFR) website <http://ecfr.gpoaccess.gov> or by contacting the Toledo Division of Environmental Services.  
 40 CFR Part 60 subpart A provides applicability provisions, definitions, and other general provisions that are pertinent to emissions units affected by 40 CFR Part 60.

**B. Operational Restrictions**

1. [60.112b(a)(1)]  
 The permittee shall equip the storage vessel with a fixed roof in combination with an internal floating roof meeting the following specifications:  
 [60.112b(a)(1)(i)]  
 The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal floating roof shall be floating on the liquid surface at all times, except during initial fill and during those intervals when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible.  
 [60.112b(a)(1)(ii)]  
 The internal floating roof shall be equipped with 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.

[60.112b(a)(1)(iii)]

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.

[60.112b(a)(1)(iv)]

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.

[60.112b(a)(1)(v)]

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.

[60.112b(a)(1)(vi)]

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.

[60.112b(a)(1)(vii)]

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.

[60.112b(a)(1)(viii)]

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.

[60.112b(a)(1)(ix)]

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

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

1. The permittee shall keep a record of the report submitted to the Toledo Division of Environmental Services (required by 40 CFR 60.115b(a)(1)) that describes that the control equipment meets the specifications of 40 CFR 60.112b(a)(1) [See Section B] and 60.113b(a)(1) [See Section C]. This record shall be kept for 5 years from the date of submittal.

2. [60.113b(a)(1)] - INSPECTIONS

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

3. [60.113b(a)(2)]

The permittee shall visually inspect the internal floating roof and the primary seal or the secondary seal (if one is present) 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 permittee shall repair the items or empty and remove the storage vessel from service within 45 days. If a failure that is detected during inspections required in this paragraph cannot be repaired within 45 days and if the vessel cannot be emptied within 45 days, a 30-day extension may be requested from the Administrator in the inspection report required in 60.115b(a)(3) [see section D.]. 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.

4. [60.113b(a)(4)]

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 permittee 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 60.113b(a)(2) [see section C.].

5. The permittee shall keep copies of all reports and records required by 40 CFR Part 60 subpart Kb, for at least 5 years. The permittee shall meet the following requirements.

[60.115b(a)(2)]

The permittee shall keep a record of each inspection performed as required by 60.113b(a) [see section C.]. 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).

6. The permittee shall maintain records of the following information:

the types of petroleum liquids stored in the tank;  
the maximum true vapor pressure (in pounds per square inch absolute), as stored, of each liquid that has a maximum true vapor pressure greater than 1.0 pound per square inch absolute; and

7. The permittee shall keep copies of all records required by 40 CFR Part 60 subpart Kb, except for the record required by 60.116b(b) [see section C.], for at least 5 years. The record required by 60.116b(b) [see paragraph below] will be kept for the life of the source.

8. [60.116b(b)]

The permittee shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel.

9. [60.116b(c)]

The permittee shall maintain a record of the VOL stored, the period of storage, and the maximum true vapor

pressure (to determine the maximum true vapor pressure, see 40 CFR 60.116b(e) [see section F.] of that VOL during the respective storage period.

**D. Reporting Requirements**

1. [60.113b(a)(5)]  
Notify the Toledo Division of Environmental Services (TDOES) in writing at least 30 days prior to the filling or refilling of each storage vessel for which an inspection is required by 60.113b(a)(1) and (a)(4) [see section C.] to afford the TDOES the opportunity to have an observer present. If the inspection required by 60.113b(a)(4) [see section C.] is not planned and the permittee could not have known about the inspection 30 days in advance or refilling the tank, the permittee shall notify the TDOES 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 TDOES at least 7 days prior to the refilling.
2. [60.115b(a)(3)]  
If any of the conditions described in 40 CFR 60.113b(a)(2) [See Section C.] are detected during the annual visual inspection required by 40 CFR 60.113b(a)(2) [See Section C.], the permittee shall submit a report to the Toledo Division 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 the date the repair was made.
3. If the facility is in compliance with the requirements of 40 CFR Part 63 subpart BBBB at the time the Initial Notification (40 CFR 63.9(b)) is due, the Notification of Compliance Status under 40 CFR 63.11093(b) may be submitted in lieu of the Initial Notification.

[40 CFR 63.11093]

**E. Testing Requirements**

1. None

**F. Miscellaneous Requirements**

1. [60.116b(e)] - DETERMINING VAPOR PRESSURE  
Available data on the storage temperature may be used to determine the maximum true vapor pressure as determined below.  
[60.116b(e)(1)]  
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.  
[60.116b(e)(2)]  
For crude oil or refined petroleum products the vapor pressure may be obtained by the following:
  - i. 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 40 CFR 60.17), unless the Administrator specifically requests that the liquid be sampled, the actual storage temperature determined, and the Reid vapor pressure determined from the sample(s).
  - ii. 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 kPa.

[60.116b(e)(3)]

For other liquids, the vapor pressure:

- i. may be obtained from standard reference texts, or
- ii. determined by ASTM Method D2879-83, 96, or 97 (incorporated by reference see 40 CFR 60.17); or
- iii. measured by an appropriate method approved by the Administrator; or
- iv. calculated by an appropriate method approved by the Administrator.

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**Facility ID: 0448020033 Emissions Unit ID: T002 Issuance type: Final State Permit To Operate**

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**Part II - Special Terms and Conditions**

This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
  - (a) None.
2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.

- (a) None.

**A. 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>
T002 - Tank 25-7: 1,127,238 gallon internal floating roof tank	OAC rule 3745-21-09(L)	See Sections A.2.a through A.2.c.
	40 CFR Part 63 subpart A	See Sections A.2.d and A.2.e.
	40 CFR Part 63 subpart R	Exempt - see Section A.2.f
	40 CFR Part 63 subpart BBBBBB	See Sections A.2.e and A.2.g.

- 2. **Additional Terms and Conditions**

- (a) The fixed roof storage tank shall be equipped with an internal floating roof. The automatic bleeder vents shall be closed at all times except when the roof is floated off or landed on the roof leg supports, and the rim vents, if provided, shall be set to open when the roof is being floated off the roof leg supports or is at the manufacturer's recommended setting. 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. Table 3 to 40 CFR Part 63 subpart BBBBBB shows which parts of the General Provisions apply to this emissions unit. Emissions unit T002 is subject to 40 CFR Part 63 subparts A and BBBBBB. The complete 40 CFR Part 63 requirements, including the General Provisions may be accessed via the internet from the Electronic Code of Federal Regulations (e-CFR) website <http://ecfr.gpoaccess.gov> or by contacting the Toledo Division of Environmental Services. The permittee is exempt from the requirements of this subpart since the federally enforceable potential to emit for all emissions units at the facility combined is less than 10 tons per year of any individual HAP and less than 25 tons per year for any combination of HAP. The facility-wide federally enforceable HAP emission limitations are contained in the federally enforceable state operating permit for J001. The permittee shall comply with each emission limitation and work practice standard in Table 1 to 40 CFR Part 63 subpart BBBBBB no later than the first degassing and cleaning activity after January 10, 2011, or by January 10, 2018, whichever is first.

**B. Operational Restrictions**

- 1. None

**C. 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.

These records shall be maintained for at least 5 years and shall be made available to the director or his representative upon verbal or written request.
- 2. The permittee shall maintain a record of any period of time in which the automatic bleeder vents, rim vents, and all openings other than stub drains were not maintained as required in this permit and per the rules.
- 3. The permittee shall comply with the applicable testing and monitoring requirements specified in 40 CFR 63.11092 (e) no later than the first degassing and cleaning activity after January 10, 2011, or by January 10, 2018, whichever is first.
 

[40 CFR Part 63 subpart BBBBBB]
- 4. The permittee shall comply with the applicable recordkeeping requirements of 40 CFR 63.11094 no later than the first degassing and cleaning activity after January 10, 2011, or by January 10, 2018, whichever is first.
 

[40 CFR Part 63 subpart BBBBBB]

**D. Reporting Requirements**

- 1. The permittee shall notify the director (the appropriate Ohio EPA District Office or local air agency) within 30 days of the occurrence, of any period of time in which the automatic bleeder vents, rim vents, and all openings other than stub drains were not maintained as required in this permit.
- 2. If the facility is in compliance with the requirements of 40 CFR Part 63 subpart BBBBBB at the time the Initial Notification (40 CFR 63.9(b)) is due, the Notification of Compliance Status under 40 CFR 63.11093(b) may be submitted in lieu of the Initial Notification.
 

[40 CFR 63.11093]
- 3. The permittee shall comply with the applicable reporting requirements of 40 CFR 63.11095 no later than the first degassing and cleaning activity after January 10, 2011, or by January 10, 2018, whichever is first.
 

[40 CFR Part 63 subpart BBBBBB]

**E. Testing Requirements**

- 1. None
- F. **Miscellaneous Requirements**
- 1. None

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Facility ID: 0448020033 Emissions Unit ID: T003 Issuance type: Final State Permit To Operate

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**Part II - Special Terms and Conditions**

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- 1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
  - (a) None.
- 2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
  - (a) None.

**A. 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>
T003 - Tank 25-8: 747,432 gallon internal floating roof tank	OAC rule 3745-21-09(L)	See Section A.2.
	40 CFR Part 63 subpart A	See Sections A.2.d and A.2.e.
	40 CFR Part 63 subpart R	Exempt - see Section A.2.f.
	40 CFR Part 63 subpart BBBBBB	See Sections A.2.e and A.2.g.

**2. Additional Terms and Conditions**

- (a) The fixed roof storage tank shall be equipped with an internal floating roof. The automatic bleeder vents shall be closed at all times except when the roof is floated off or landed on the roof leg supports, and the rim vents, if provided, shall be set to open when the roof is being floated off the roof leg supports or is at the manufacturer's recommended setting. 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. Table 3 to 40 CFR Part 63 subpart BBBBBB shows which parts of the General Provisions apply to this emissions unit. Emissions unit T003 is subject to 40 CFR Part 63 subparts A and BBBBBB. The complete 40 CFR Part 63 requirements, including the General Provisions may be accessed via the internet from the Electronic Code of Federal Regulations (e-CFR) website <http://ecfr.gpoaccess.gov> or by contacting the Toledo Division of Environmental Services. The permittee is exempt from the requirements of this subpart since the federally enforceable potential to emit for all emissions units at the facility combined is less than 10 tons per year of any individual HAP and less than 25 tons per year for any combination of HAP. The facility-wide federally enforceable HAP emission limitations are contained in the federally enforceable state operating permit for J001. The permittee shall comply with each emission limitation and work practice standard in Table 1 to 40 CFR Part 63 subpart BBBBBB no later than the first degassing and cleaning activity after January 10, 2011, or by January 10, 2018, whichever is first.

**B. Operational Restrictions**

- 1. None

**C. 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.

These records shall be maintained for at least 5 years and shall be made available to the director or his representative upon verbal or written request.
- 2. The permittee shall maintain a record of any period of time in which the automatic bleeder vents, rim vents, and all openings other than stub drains were not maintained as required in this permit and per the rules.

- 3. The permittee shall comply with the applicable testing and monitoring requirements specified in 40 CFR 63.11092 (e) no later than the first degassing and cleaning activity after January 10, 2011, or by January 10, 2018, whichever is first.  
[40 CFR Part 63 subpart BBBBBB]
- 4. The permittee shall comply with the applicable recordkeeping requirements of 40 CFR 63.11094 no later than the first degassing and cleaning activity after January 10, 2011, or by January 10, 2018, whichever is first.  
[40 CFR Part 63 subpart BBBBBB]
- D. **Reporting Requirements**
  - 1. The permittee shall notify the director (the appropriate Ohio EPA District Office or local air agency) within 30 days of the occurrence, of any period of time in which the automatic bleeder vents, rim vents, and all openings other than stub drains were not maintained as required in this permit.
  - 2. If the facility is in compliance with the requirements of 40 CFR Part 63 subpart BBBBBB at the time the Initial Notification (40 CFR 63.9(b)) is due, the Notification of Compliance Status under 40 CFR 63.11093(b) may be submitted in lieu of the Initial Notification.  
[40 CFR 63.11093]
  - 3. The permittee shall comply with the applicable reporting requirements of 40 CFR 63.11095 no later than the first degassing and cleaning activity after January 10, 2011, or by January 10, 2018, whichever is first.  
[40 CFR Part 63 subpart BBBBBB]
- E. **Testing Requirements**
  - 1. None
- F. **Miscellaneous Requirements**
  - 1. None

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Facility ID: 0448020033 Emissions Unit ID: T008 Issuance type: Final State Permit To Operate

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**Part II - Special Terms and Conditions**

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- 1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
  - (a) None.
- 2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
  - (a) None.

**A. 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>
T008 - Tank 55-6: 2,280,936 gallon internal floating roof tank	OAC rule 3745-21-09(L)	See Section A.2.
	40 CFR Part 60 subpart A	See Section A.2.h.
	40 CFR Part 60 subpart K	The requirements of this rule are less stringent than the requirements specified by OAC rule 3745-21-09(L).
	40 CFR Part 63 subpart A	See Sections A.2.d and A.2.e.
	40 CFR Part 63 subpart R	Exempt - see Section A.2.f.
	40 CFR Part 63 subpart BBBBBB	See Sections A.2.e and A.2.g.

**2. Additional Terms and Conditions**

- (a) The fixed roof storage tank shall be equipped with an internal floating roof. The automatic bleeder vents shall be closed at all times except when the roof is floated off or landed on the roof leg supports, and the rim vents, if provided, shall be set to open when the roof is being floated off the roof leg supports or is at the manufacturer's recommended setting. 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.

Table 3 to 40 CFR Part 63 subpart BBBBBB shows which parts of the General Provisions apply to this emissions unit.

Emissions unit T008 is subject to 40 CFR Part 63 subparts A and BBBBBB. The complete 40 CFR Part 63 requirements, including the General Provisions may be accessed via the internet from the Electronic Code of Federal Regulations (e-CFR) website <http://ecfr.gpoaccess.gov> or by contacting the Toledo Division of Environmental Services.

The permittee is exempt from the requirements of this subpart since the federally enforceable potential to emit for all emissions units at the facility combined is less than 10 tons per year of any individual HAP and less than 25 tons per year for any combination of HAP. The facility-wide federally enforceable HAP emission limitations are contained in the federally enforceable state operating permit for J001.

The permittee shall comply with each emission limitation and work practice standard in Table 1 to 40 CFR Part 63 subpart BBBBBB no later than the first degassing and cleaning activity after January 10, 2011, or by January 10, 2018, whichever is first.

40 CFR Part 60 subpart A provides applicability provisions, definitions, and other general provisions that are pertinent to emissions units affected by 40 CFR Part 60.

**B. Operational Restrictions**

1. None

**C. 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.

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

2. The permittee shall maintain a record of any period of time in which the automatic bleeder vents, rim vents, and all openings other than stub drains were not maintained as required in this permit and per the rules.
3. The permittee shall comply with the applicable testing and monitoring requirements specified in 40 CFR 63.11092 (e) no later than the first degassing and cleaning activity after January 10, 2011, or by January 10, 2018, whichever is first.

[40 CFR Part 63 subpart BBBBBB]

4. The permittee shall comply with the applicable recordkeeping requirements of 40 CFR 63.11094 no later than the first degassing and cleaning activity after January 10, 2011, or by January 10, 2018, whichever is first.

[40 CFR Part 63 subpart BBBBBB]

**D. Reporting Requirements**

1. The permittee shall notify the director (the appropriate Ohio EPA District Office or local air agency) within 30 days of the occurrence, of any period of time in which the automatic bleeder vents, rim vents, and all openings other than stub drains were not maintained as required in this permit.
2. If the facility is in compliance with the requirements of 40 CFR Part 63 subpart BBBBBB at the time the Initial Notification (40 CFR 63.9(b)) is due, the Notification of Compliance Status under 40 CFR 63.11093(b) may be submitted in lieu of the Initial Notification.

[40 CFR 63.11093]

3. The permittee shall comply with the applicable reporting requirements of 40 CFR 63.11095 no later than the first degassing and cleaning activity after January 10, 2011, or by January 10, 2018, whichever is first.

[40 CFR Part 63 subpart BBBBBB]

**E. Testing Requirements**

1. None

**F. Miscellaneous Requirements**

1. None

\*\*\*THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION\*\*\*

Facility ID: 0448020033 Emissions Unit ID: T016 Issuance type: Final State Permit To Operate

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**Part II - Special Terms and Conditions**

This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.

- (a) None.

2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
  - (a) None.

**A. 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>
T016 - Tank T-2: 38,010 gallons above ground transmix storage tank with an internal floating roof	OAC rule 3745-21-09(L)	Exempt - see section A.2.a.
	OAC rule 3745-31-05(A)(3) (PTI 04-01274 issued 9/20/2001)	0.67 ton VOC per year
	40 CFR Part 60 subpart A	See Section A.2.e.
	40 CFR Part 60 subpart Kb	See Section B.1.
	40 CFR Part 63 subpart A	See Section A.2.b.
	40 CFR Part 63 subpart R	Exempt - see Section A.2.c.
	40 CFR Part 63 subpart BBBBBB	See Section A.2.d.

**2. Additional Terms and Conditions**

- (a) In accordance with OAC rule 3745-21-09(L)(2), this storage tank is exempt from the requirements of OAC rule 3745-21-09(L)(1) because the tank has a capacity of less than 40,000 gallons. Table 3 to 40 CFR Part 63 subpart BBBBBB shows which parts of the General Provisions apply to this emissions unit. The permittee is exempt from the requirements of this subpart since the federally enforceable potential to emit for all emissions units at the facility combined is less than 10 tons per year of any individual HAP and less than 25 tons per year for any combination of HAP. The facility-wide federally enforceable HAP emission limitations are contained in the federally enforceable state operating permit for J001. The permittee shall comply with all applicable requirements of 40 CFR Part 63 subpart BBBBBB by no later than January 10, 2011. The permittee shall demonstrate compliance with 40 CFR Part 63 subpart BBBBBB by maintaining compliance with the requirements of 40 CFR Part 60 subpart Kb.

The complete 40 CFR Part 63 requirements, including the General Provisions may be accessed via the internet from the Electronic Code of Federal Regulations (e-CFR) website <http://ecfr.gpoaccess.gov> or by contacting the Toledo Division of Environmental Services. 40 CFR Part 60 subpart A provides applicability provisions, definitions, and other general provisions that are pertinent to emissions units affected by 40 CFR Part 60.

**B. Operational Restrictions**

1. [60.112b(a)(1)]  
 The permittee shall equip the storage vessel with a fixed roof in combination with an internal floating roof meeting the following specifications:  
 [60.112b(a)(1)(i)]  
 The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal floating roof shall be floating on the liquid surface at all times, except during initial fill and during those intervals when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible.  
 [60.112b(a)(1)(ii)]  
 The internal floating roof shall be equipped with 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.  
 [60.112b(a)(1)(iii)]  
 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.  
 [60.112b(a)(1)(iv)]  
 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.  
 [60.112b(a)(1)(v)]  
 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.  
 [60.112b(a)(1)(vi)]  
 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.  
 [60.112b(a)(1)(vii)]  
 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.  
 [60.112b(a)(1)(viii)]  
 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.  
 [60.112b(a)(1)(ix)]  
 Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover.

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

1. [60.113b(a)(1)] - INSPECTIONS  
The permittee shall visually inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service), prior to filling the storage vessel with VOL. If there are holes, tears, or other openings in the primary seal, the secondary seal, or the seal fabric or defects in the internal floating roof, or both, the permittee shall repair the items before filling the storage vessel.
2. [60.113b(a)(3)]  
The permittee shall:  
[60.113b(a)(3)(i)]  
visually inspect the vessel as specified in 60.113(a)(4) [see section C.] at least every 5 years; or  
[60.113b(a)(3)(ii) - incorporates 60.113(a)(2)]  
visually inspect the internal floating roof and the primary seal or the secondary seal (if one is present) 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 permittee shall repair the items or empty and remove the storage vessel from service within 45 days. If a failure that is detected during inspections required in this paragraph cannot be repaired within 45 days and if the vessel cannot be emptied within 45 days, a 30-day extension may be requested from the Administrator in the inspection report required in 60.115b(a)(3) [see section D.]. 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.
3. [60.113b(a)(4)]  
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 permittee 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 60.113b(a)(2) [see section C.].
4. The permittee shall keep copies of all reports and records required by 40 CFR Part 60 subpart Kb, for at least 5 years. The permittee shall meet the following requirements.  
  
[60.115b(a)(2)]  
The permittee shall keep a record of each inspection performed as required by 60.113b(a) [see section C.]. 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).
5. The permittee shall maintain records of the following information:  
the types of petroleum liquids stored in the tank;  
the maximum true vapor pressure (in pounds per square inch absolute), as stored, of each liquid that has a maximum true vapor pressure greater than 1.0 pound per square inch absolute; and  
the annual throughput of any petroleum liquid stored in the tank.
6. The permittee shall keep copies of all records required by 40 CFR Part 60 subpart Kb, except for the record required by 60.116b(b) [see section C.], for at least 5 years. The record required by 60.116b(b) [see paragraph below] will be kept for the life of the source.
7. [60.116b(b)]  
The permittee shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel.
8. [60.116b(c)]  
The permittee shall maintain a record of the VOL stored, the period of storage, and the maximum true vapor pressure (to determine the maximum true vapor pressure, see 40 CFR 60.116b(e) [see section F.] of that VOL during the respective storage period.

**D. Reporting Requirements**

1. [60.113b(a)(5)]  
The permittee shall notify the Toledo Division of Environmental Services (TDOES) in writing at least 30 days prior to the filling or refilling of each storage vessel for which an inspection is required by 60.113b(a)(1) and (a)(4) [see section C.] to afford the TDOES the opportunity to have an observer present. If the inspection required by 60.113b(a)(4) [see section C.] is not planned and the permittee could not have known about the inspection 30 days in advance or refilling the tank, the permittee shall notify the TDOES 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 TDOES at least 7 days prior to the refilling.
2. [60.115b(a)(4)]  
After each inspection required by 60.113b(a)(3) [see section C.] 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 60.113b(a)(3)(ii) [see section C.], a report shall be furnished to the Toledo Division of Environmental Services (TDOES) within 30 days of the inspection. The report shall identify the storage vessel and the reason it did not meet the specifications of 60.112b(a)(1) [see section B.] or 60.113b(a)(3) [see section C.] and list each repair made.
3. If the facility is in compliance with the requirements of 40 CFR Part 63 subpart BBBBBB at the time the Initial Notification (40 CFR 63.9(b)) is due, the Notification of Compliance Status under 40 CFR 63.11093(b) may be submitted in lieu of the Initial Notification.

[40 CFR 63.11093]

**E. 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):

Emission Limitation:  
0.67 ton VOC per year

Applicable Compliance Method:  
Compliance with the VOC emission limitation shall be determined using the latest version of TANKS software, using the actual annual throughput and annual average vapor pressure.

**F. Miscellaneous Requirements**

1. [60.116b(e)] - DETERMINING VAPOR PRESSURE  
Available data on the storage temperature may be used to determine the maximum true vapor pressure as determined below.  
[60.116b(e)(1)]  
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.  
[60.116b(e)(2)]  
For crude oil or refined petroleum products the vapor pressure may be obtained by the following:
  - i. 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 40 CCFR 60.17), unless the Administrator specifically requests that the liquid be sampled, the actual storage temperature determined, and the Reid vapor pressure determined from the sample(s).
  - ii. 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 kPa.

[60.116b(e)(3)]

For other liquids, the vapor pressure:

- i. may be obtained from standard reference texts, or
- ii. determined by ASTM Method D2879-83, 96, or 97 (incorporated by reference see 40 CFR 60.17); or
- iii. measured by an appropriate method approved by the Administrator; or
- iv. calculated by an appropriate method approved by the Administrator.

\*\*\*THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION\*\*\*

**Facility ID: 0448020033 Emissions Unit ID: T017 Issuance type: Final State Permit To Operate**[Go to the top of this document](#)**Part II - Special Terms and Conditions**

This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
  - (a) None.
2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
  - (a) None.

**A. 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>
T017 - Tank T-3: 38,010 gallons above ground transmix storage tank with an internal floating roof	OAC rule 3745-21-09(L)	Exempt - see section A.2.a.

OAC rule 3745-31-05(A)(3) (PTI 04-01274 dated 9/20/2001)	0.67 ton VOC per year
40 CFR Part 60 subpart A	See Section A.2.e.
40 CFR Part 60 subpart Kb	See Section B.1.
40 CFR Part 63 subpart A	See Section A.2.b.
40 CFR Part 63 subpart R	Exempt - see Section A.2.c.
40 CFR Part 63 subpart BBBBBB	See Section A.2.d.

**2. Additional Terms and Conditions**

- (a) In accordance with OAC rule 3745-21-09(L)(2), this storage tank is exempt from the requirements of OAC rule 3745-21-09(L)(1) because the tank has a capacity of less than 40,000 gallons. Table 3 to 40 CFR Part 63 subpart BBBBBB shows which parts of the General Provisions apply to this emissions unit. The permittee is exempt from the requirements of this subpart since the federally enforceable potential to emit for all emissions units at the facility combined is less than 10 tons per year of any individual HAP and less than 25 tons per year for any combination of HAP. The facility-wide federally enforceable HAP emission limitations are contained in the federally enforceable state operating permit for J001. The permittee shall comply with all applicable requirements of 40 CFR Part 63 subpart BBBBBB by no later than January 10, 2011. The permittee shall demonstrate compliance with 40 CFR Part 63 subpart BBBBBB by maintaining compliance with the requirements of 40 CFR Part 60 subpart Kb.

The complete 40 CFR Part 63 requirements, including the General Provisions may be accessed via the internet from the Electronic Code of Federal Regulations (e-CFR) website <http://ecfr.gpoaccess.gov> or by contacting the Toledo Division of Environmental Services.

40 CFR Part 60 subpart A provides applicability provisions, definitions, and other general provisions that are pertinent to emissions units affected by 40 CFR Part 60.

**B. Operational Restrictions**

1. [60.112b(a)(1)]  
The permittee shall equip the storage vessel with a fixed roof in combination with an internal floating roof meeting the following specifications:  
[60.112b(a)(1)(i)]  
The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal floating roof shall be floating on the liquid surface at all times, except during initial fill and during those intervals when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible.  
[60.112b(a)(1)(ii)]  
The internal floating roof shall be equipped with 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.  
[60.112b(a)(1)(iii)]  
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.  
[60.112b(a)(1)(iv)]  
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.  
[60.112b(a)(1)(v)]  
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.  
[60.112b(a)(1)(vi)]  
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.  
[60.112b(a)(1)(vii)]  
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.  
[60.112b(a)(1)(viii)]  
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.  
[60.112b(a)(1)(ix)]  
Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover.

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

1. [60.113b(a)(1)] - INSPECTIONS  
The permittee shall visually inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service), prior to filling the storage vessel with VOL. If there are holes, tears, or other openings in the primary seal, the secondary seal, or the seal fabric or defects in the internal floating roof, or both, the permittee shall repair the items before filling the storage vessel.
2. [60.113b(a)(3)]  
The permittee shall:  
[60.113b(a)(3)(i)]  
visually inspect the vessel as specified in 60.113(a)(4) [see section C.] at least every 5 years; or  
[60.113b(a)(3)(ii)] - incorporates 60.113(a)(2)  
visually inspect the internal floating roof and the primary seal or the secondary seal (if one is present) 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 permittee shall repair the items or empty and remove the storage vessel from service within 45 days. If a failure that is detected during inspections

required in this paragraph cannot be repaired within 45 days and if the vessel cannot be emptied within 45 days, a 30-day extension may be requested from the Administrator in the inspection report required in 60.115b(a)(3) [see section D.]. 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.

3. [60.113b(a)(4)]  
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 permittee 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 60.113b(a)(2) [see section C.].
4. The permittee shall keep copies of all reports and records required by 40 CFR Part 60 subpart Kb, for at least 5 years. The permittee shall meet the following requirements.  
  
[60.115b(a)(2)]  
The permittee shall keep a record of each inspection performed as required by 60.113b(a) [see section C.]. 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).
5. The permittee shall maintain records of the following information:  
the types of petroleum liquids stored in the tank;  
the maximum true vapor pressure (in pounds per square inch absolute), as stored, of each liquid that has a maximum true vapor pressure greater than 1.0 pound per square inch absolute; and  
the annual throughput of any petroleum liquid stored in the tank.
6. The permittee shall keep copies of all records required by 40 CFR Part 60 subpart Kb, except for the record required by 60.116b(b) [see section C.], for at least 5 years. The record required by 60.116b(b) [see paragraph below] will be kept for the life of the source.
7. [60.116b(b)]  
The permittee shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel.
8. [60.116b(c)]  
The permittee shall maintain a record of the VOL stored, the period of storage, and the maximum true vapor pressure (to determine the maximum true vapor pressure, see 40 CFR 60.116b(e) [see section F.] of that VOL during the respective storage period.

**D. Reporting Requirements**

1. [60.113b(a)(5)]  
The permittee shall notify the Toledo Division of Environmental Services (TDOES) in writing at least 30 days prior to the filling or refilling of each storage vessel for which an inspection is required by 60.113b(a)(1) and (a) (4) [see section C.] to afford the TDOES the opportunity to have an observer present. If the inspection required by 60.113b(a)(4) [see section C.] is not planned and the permittee could not have known about the inspection 30 days in advance or refilling the tank, the permittee shall notify the TDOES 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 TDOES at least 7 days prior to the refilling.
2. [60.115b(a)(4)]  
After each inspection required by 60.113b(a)(3) [see section C.] 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 60.113b(a)(3)(ii) [see section C.], a report shall be furnished to the Toledo Division of Environmental Services (TDOES) within 30 days of the inspection. The report shall identify the storage vessel and the reason it did not meet the specifications of 60.112b(a)(1) [see section B.] or 60.113b(a)(3) [see section C.] and list each repair made.
3. If the facility is in compliance with the requirements of 40 CFR Part 63 subpart BBBBBB at the time the Initial Notification (40 CFR 63.9(b)) is due, the Notification of Compliance Status under 40 CFR 63.11093(b) may be submitted in lieu of the Initial Notification.

[40 CFR 63.11093]

**E. 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):  
  
Emission Limitation:  
0.67 ton VOC per year  
  
Applicable Compliance Method:  
Compliance with the VOC emission limitation shall be determined using the latest version of TANKS software, using the actual annual throughput and annual average vapor pressure.

**F. Miscellaneous Requirements**

1. [60.116b(e)] - DETERMINING VAPOR PRESSURE  
Available data on the storage temperature may be used to determine the maximum true vapor pressure as determined below.  
[60.116b(e)(1)]

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.

[60.116b(e)(2)]

For crude oil or refined petroleum products the vapor pressure may be obtained by the following:

- i. 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 40 CFR 60.17), unless the Administrator specifically requests that the liquid be sampled, the actual storage temperature determined, and the Reid vapor pressure determined from the sample(s).
- ii. 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 kPa.

[60.116b(e)(3)]

For other liquids, the vapor pressure:

- i. may be obtained from standard reference texts, or
- ii. determined by ASTM Method D2879-83, 96, or 97 (incorporated by reference see 40 CFR 60.17); or
- iii. measured by an appropriate method approved by the Administrator; or
- iv. calculated by an appropriate method approved by the Administrator.