



Environmental
Protection Agency

Ted Strickland, Governor
Lee Fisher, Lt. Governor
Chris Korleski, Director

10/8/2010

Certified Mail

Paul Logsdon
Lima Refining Company
1150 South Metcalf Street
Lima, OH 45804

RE: FINAL AIR POLLUTION PERMIT-TO-INSTALL
Facility ID: 0302020012
Permit Number: P0104760
Permit Type: OAC Chapter 3745-31 Modification
County: Allen

No	TOXIC REVIEW
No	PSD
No	SYNTHETIC MINOR TO AVOID MAJOR NSR
No	CEMS
No	MACT/GACT
No	NSPS
No	NESHAPS
No	NETTING
No	MAJOR NON-ATTAINMENT
No	MODELING SUBMITTED

Dear Permit Holder:

Enclosed please find a final Air Pollution Permit-to-Install (PTI) which will allow you to install or modify the described emissions unit(s) in a manner indicated in the permit. Because this permit contains several conditions and restrictions, we urge you to read it carefully. Please complete a survey at www.epa.ohio.gov/dapc/permitsurvey.aspx and give us feedback on your permitting experience. We value your opinion.

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

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

The Ohio EPA is encouraging companies to investigate pollution prevention and energy conservation. Not only will this reduce pollution and energy consumption, but it can also save you money. If you would like to learn ways you can save money while protecting the environment, please contact our Office of Compliance Assistance and Pollution Prevention at (614) 644-3469. If you have any questions regarding this permit, please contact the Ohio EPA DAPC, Northwest District Office. This permit can be accessed electronically on the Division of Air Pollution Control (DAPC) Web page, www.epa.ohio.gov/dapc by clicking the "Issued Air Pollution Control Permits" link.

Sincerely,

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

Cc: U.S. EPA
Ohio EPA-NWDO; Indiana



FINAL

**Division of Air Pollution Control
Permit-to-Install
for
Lima Refining Company**

Facility ID: 0302020012
Permit Number: P0104760
Permit Type: OAC Chapter 3745-31 Modification
Issued: 10/8/2010
Effective: 10/8/2010



Division of Air Pollution Control
Permit-to-Install
for
Lima Refining Company

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Authorization

Facility ID: 0302020012
Facility Description: Petroleum Refinery and Storage
Application Number(s): A0036891
Permit Number: P0104760
Permit Description: Chapter 31 modification for (7) storage tanks
Permit Type: OAC Chapter 3745-31 Modification
Permit Fee: \$3,500.00
Issue Date: 10/8/2010
Effective Date: 10/8/2010

This document constitutes issuance to:

Lima Refining Company
1150 South Metcalf Street
Lima, OH 45804

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

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

Ohio EPA DAPC, Northwest District Office
347 North Dunbridge Road
Bowling Green, OH 43402
(419)352-8461

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

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency



Chris Korleski
Director



Authorization (continued)

Permit Number: P0104760
Permit Description: Chapter 31 modification for (7) storage tanks

Permits for the following Emissions Unit(s) or groups of Emissions Units are in this document as indicated below:

Emissions Unit ID:	T055
Company Equipment ID:	Tank 100232
Superseded Permit Number:	
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	T064
Company Equipment ID:	T064-263
Superseded Permit Number:	
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	T071
Company Equipment ID:	Tank 100026
Superseded Permit Number:	
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	T072
Company Equipment ID:	Tank 100028
Superseded Permit Number:	
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	T073
Company Equipment ID:	T073-256
Superseded Permit Number:	
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	T074
Company Equipment ID:	T074-253
Superseded Permit Number:	
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	T075
Company Equipment ID:	T075-255
Superseded Permit Number:	
General Permit Category and Type:	Not Applicable

A. Standard Terms and Conditions



1. Federally Enforceable Standard Terms and Conditions

- a) All Standard Terms and Conditions are federally enforceable, with the exception of those listed below which are enforceable under State law only:
 - (1) Standard Term and Condition A.2.a), Severability Clause
 - (2) Standard Term and Condition A.3.c) through A. 3.e) General Requirements
 - (3) Standard Term and Condition A.6.c) and A. 6.d), Compliance Requirements
 - (4) Standard Term and Condition A.9., Reporting Requirements
 - (5) Standard Term and Condition A.10., Applicability
 - (6) Standard Term and Condition A.11.b) through A.11.e), Construction of New Source(s) and Authorization to Install
 - (7) Standard Term and Condition A.14., Public Disclosure
 - (8) Standard Term and Condition A.15., Additional Reporting Requirements When There Are No Deviations of Federally Enforceable Emission Limitations, Operational Restrictions, or Control Device Operating Parameter Limitations
 - (9) Standard Term and Condition A.16., Fees
 - (10) Standard Term and Condition A.17., Permit Transfers

2. Severability Clause

- a) A determination that any term or condition of this permit is invalid shall not invalidate the force or effect of any other term or condition thereof, except to the extent that any other term or condition depends in whole or in part for its operation or implementation upon the term or condition declared invalid.
- b) All terms and conditions designated in parts B and C of this permit are federally enforceable as a practical matter, if they are required under the Act, or any of its applicable requirements, including relevant provisions designed to limit the potential to emit of a source, are enforceable by the Administrator of the U.S. EPA and the State and by citizens (to the extent allowed by section 304 of the Act) under the Act. Terms and conditions in parts B and C of this permit shall not be federally enforceable and shall be enforceable under State law only, only if specifically identified in this permit as such.

3. General Requirements

- a) The permittee must comply with all terms and conditions of this permit. Any noncompliance with the federally enforceable terms and conditions of this permit constitutes a violation of the Act, and is grounds for enforcement action or for permit revocation, revocation and re-issuance, or modification.

- b) It shall not be a defense for the permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the federally enforceable terms and conditions of this permit.
- c) This permit may be modified, revoked, or revoked and reissued, for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or revocation, or of a notification of planned changes or anticipated noncompliance does not stay any term and condition of this permit.
- d) This permit does not convey any property rights of any sort, or any exclusive privilege.
- e) The permittee shall furnish to the Director of the Ohio EPA, or an authorized representative of the Director, upon receipt of a written request and within a reasonable time, any information that may be requested to determine whether cause exists for modifying or revoking this permit or to determine compliance with this permit. Upon request, the permittee shall also furnish to the Director or an authorized representative of the Director, copies of records required to be kept by this permit. For information claimed to be confidential in the submittal to the Director, if the Administrator of the U.S. EPA requests such information, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality.

4. Monitoring and Related Record Keeping and Reporting Requirements

- a) Except as may otherwise be provided in the terms and conditions for a specific emissions unit, the permittee shall maintain records that include the following, where applicable, for any required monitoring under this permit:
 - (1) The date, place (as defined in the permit), and time of sampling or measurements.
 - (2) The date(s) analyses were performed.
 - (3) The company or entity that performed the analyses.
 - (4) The analytical techniques or methods used.
 - (5) The results of such analyses.
 - (6) The operating conditions existing at the time of sampling or measurement.
- b) Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include, but not be limited to all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. Such records may be maintained in computerized form.
- c) Except as may otherwise be provided in the terms and conditions for a specific emissions unit, the permittee shall submit required reports in the following manner:
 - (1) Reports of any required monitoring and/or recordkeeping of federally enforceable information shall be submitted to the Ohio EPA DAPC, Northwest District Office.

- (2) Quarterly written reports of (i) any deviations from federally enforceable emission limitations, operational restrictions, and control device operating parameter limitations, excluding deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06, that have been detected by the testing, monitoring and recordkeeping requirements specified in this permit, (ii) the probable cause of such deviations, and (iii) any corrective actions or preventive measures taken, shall be made to the Ohio EPA DAPC, Northwest District Office. The written reports shall be submitted (i.e., postmarked) quarterly, by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. See A.15. below if no deviations occurred during the quarter.
 - (3) Written reports, which identify any deviations from the federally enforceable monitoring, recordkeeping, and reporting requirements contained in this permit shall be submitted (i.e., postmarked) to the Ohio EPA DAPC, Northwest District Office every six months, by January 31 and July 31 of each year for the previous six calendar months. If no deviations occurred during a six-month period, the permittee shall submit a semi-annual report, which states that no deviations occurred during that period.
 - (4) This permit is for an emissions unit located at a Title V facility. Each written report shall be signed by a responsible official certifying that, based on information and belief formed after reasonable inquiry, the statements and information in the report are true, accurate, and complete.
- d) The permittee shall report actual emissions pursuant to OAC Chapter 3745-78 for the purpose of collecting Air Pollution Control Fees.

5. Scheduled Maintenance/Malfunction Reporting

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. The malfunction, i.e., upset, of any emissions units or any associated air pollution control system(s) shall be reported to the Ohio EPA DAPC, Northwest District Office in accordance with paragraph (B) of OAC rule 3745-15-06. (The definition of an upset condition shall be the same as that used in OAC rule 3745-15-06(B)(1) for a malfunction.) The verbal and written reports shall be submitted pursuant to OAC rule 3745-15-06.

Except as provided in that rule, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of the emission unit(s) that is (are) served by such control system(s).

6. Compliance Requirements

- a) The emissions unit(s) identified in this Permit shall remain in full compliance with all applicable State laws and regulations and the terms and conditions of this permit.
- b) Any document (including reports) required to be submitted and required by a federally applicable requirement in this permit shall include a certification by a responsible official that, based on information and belief formed after reasonable inquiry, the statements in the document are true, accurate, and complete.

- c) Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the Director of the Ohio EPA or an authorized representative of the Director to:
- (1) At reasonable times, enter upon the permittee's premises where a source is located or the emissions-related activity is conducted, or where records must be kept under the conditions of this permit.
 - (2) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit, subject to the protection from disclosure to the public of confidential information consistent with ORC section 3704.08.
 - (3) Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit.
 - (4) As authorized by the Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit and applicable requirements.
- d) The permittee shall submit progress reports to the Ohio EPA DAPC, Northwest District Office concerning any schedule of compliance for meeting an applicable requirement. Progress reports shall be submitted semiannually or more frequently if specified in the applicable requirement or by the Director of the Ohio EPA. Progress reports shall contain the following:
- (1) Dates for achieving the activities, milestones, or compliance required in any schedule of compliance, and dates when such activities, milestones, or compliance were achieved.
 - (2) An explanation of why any dates in any schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.

7. Best Available Technology

As specified in OAC Rule 3745-31-05, new sources that must employ Best Available Technology (BAT) shall comply with the Applicable Emission Limitations/Control Measures identified as BAT for each subject emissions unit.

8. Air Pollution Nuisance

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

9. Reporting Requirements

The permittee shall submit required reports in the following manner:

- a) Reports of any required monitoring and/or recordkeeping of state-only enforceable information shall be submitted to the Ohio EPA DAPC, Northwest District Office.

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

10. Applicability

This Permit-to-Install is applicable only to the emissions unit(s) identified in the Permit-to-Install. Separate application must be made to the Director for the installation or modification of any other emissions unit(s).

11. Construction of New Sources(s) and Authorization to Install

- a) This permit does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. This permit does not constitute expressed or implied assurance that the proposed facility has been constructed in accordance with the application and terms and conditions of this permit. The action of beginning and/or completing construction prior to obtaining the Director's approval constitutes a violation of OAC rule 3745-31-02. Furthermore, issuance of this permit does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. Issuance of this permit is not to be construed as a waiver of any rights that the Ohio Environmental Protection Agency (or other persons) may have against the applicant for starting construction prior to the effective date of the permit. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed facilities cannot meet the requirements of this permit or cannot meet applicable standards.
- b) If applicable, authorization to install any new emissions unit included in this permit shall terminate within eighteen months of the effective date of the permit if the owner or operator has not undertaken a continuing program of installation or has not entered into a binding contractual obligation to undertake and complete within a reasonable time a continuing program of installation. This deadline may be extended by up to 12 months if application is made to the Director within a reasonable time before the termination date and the party shows good cause for any such extension.

- c) The permittee may notify Ohio EPA of any emissions unit that is permanently shut down (i.e., the emissions unit has been physically removed from service or has been altered in such a way that it can no longer operate without a subsequent "modification" or "installation" as defined in OAC Chapter 3745-31) by submitting a certification from the authorized official that identifies the date on which the emissions unit was permanently shut down. Authorization to operate the affected emissions unit shall cease upon the date certified by the authorized official that the emissions unit was permanently shut down. At a minimum, notification of permanent shut down shall be made or confirmed by marking the affected emissions unit(s) as "permanently shut down" in Ohio EPA's "Air Services" along with the date the emissions unit(s) was permanently removed and/or disabled. Submitting the facility profile update will constitute notifying of the permanent shutdown of the affected emissions unit(s).
- d) The provisions of this permit shall cease to be enforceable for each affected emissions unit after the date on which an emissions unit is permanently shut down (i.e., emissions unit has been physically removed from service or has been altered in such a way that it can no longer operate without a subsequent "modification" or "installation" as defined in OAC Chapter 3745-31). All records relating to any permanently shutdown emissions unit, generated while the emissions unit was in operation, must be maintained in accordance with law. All reports required by this permit must be submitted for any period an affected emissions unit operated prior to permanent shut down. At a minimum, the permit requirements must be evaluated as part of the reporting requirements identified in this permit covering the last period the emissions unit operated.

No emissions unit certified by the authorized official as being permanently shut down may resume operation without first applying for and obtaining a permit pursuant to OAC Chapter 3745-31.

- e) The permittee shall comply with any residual requirements related to this permit, such as the requirement to submit a deviation report, air fee emission report, or other any reporting required by this permit for the period the operating provisions of this permit were enforceable, or as required by regulation or law. All reports shall be submitted in a form and manner prescribed by the Director. All records relating to this permit must be maintained in accordance with law.

12. Permit-To-Operate Application

The permittee is required to apply for a Title V permit pursuant to OAC Chapter 3745-77. The permittee shall submit a complete Title V permit application or a complete Title V permit modification application within twelve (12) months after commencing operation of the emissions units covered by this permit. However, if the proposed new or modified source(s) would be prohibited by the terms and conditions of an existing Title V permit, a Title V permit modification must be obtained before the operation of such new or modified source(s) pursuant to OAC rule 3745-77-04(D) and OAC rule 3745-77-08(C)(3)(d).

13. Construction Compliance Certification

The applicant shall identify the following dates in the online facility profile for each new emissions unit identified in this permit.

- a) Completion of initial installation date shall be entered upon completion of construction and prior to start-up.

- b) Commence operation after installation or latest modification date shall be entered within 90 days after commencing operation of the applicable emissions unit.

14. Public Disclosure

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

15. Additional Reporting Requirements When There Are No Deviations of Federally Enforceable Emission Limitations, Operational Restrictions, or Control Device Operating Parameter Limitations

If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted quarterly (i.e., postmarked), by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters.

16. Fees

The permittee shall pay fees to the Director of the Ohio EPA in accordance with ORC section 3745.11 and OAC Chapter 3745-78. The permittee shall pay all applicable permit-to-install fees within 30 days after the issuance of any permit-to-install. The permittee shall pay all applicable permit-to-operate fees within thirty days of the issuance of the invoice.

17. Permit Transfers

Any transferee of this permit shall assume the responsibilities of the prior permit holder. The new owner must update and submit the ownership information via the "Owner/Contact Change" functionality in Air Services once the transfer is legally completed. The change must be submitted through Air Services within thirty days of the ownership transfer date.

18. Risk Management Plans

If the permittee is required to develop and register a risk management plan pursuant to section 112(r) of the Clean Air Act, as amended, 42 U.S.C. 7401 et seq. ("Act"), the permittee shall comply with the requirement to register such a plan.

19. Title IV Provisions

If the permittee is subject to the requirements of 40 CFR Part 72 concerning acid rain, the permittee shall ensure that any affected emissions unit complies with those requirements. Emissions exceeding any allowances that are lawfully held under Title IV of the Act, or any regulations adopted thereunder, are prohibited.

B. Facility-Wide Terms and Conditions

1. All the following facility-wide terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only:
 - a) None.

C. Emissions Unit Terms and Conditions

1. T055, Tank 100232

Operations, Property and/or Equipment Description:

2,820,090 Gallon Fixed Roof Storage Tank

a) 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

b) Applicable Emissions Limitations and/or Control Requirements

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

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3)(a)	5.59 tons of volatile organic compounds (VOC)/year
b.	OAC rule 3745-21-09(L)	See c)(1), d)(2), and e)(1)
c.	40 CFR Part 60 Subpart Ka	See b)(2)a.
d.	<u>40 CFR Part 63 Subpart CC</u> 40 CFR 63.654(i)(1)	See d)(3)
	40 CFR 63.654(i)(1)(iv)	See d)(4)
	40 CFR 63.654(i)(4)	See d)(5)
e.	40 CFR Part 63 Subpart A	Table 6 to Subpart CC of 40 CFR Part 63 – Applicability of General Provisions to Subpart CC shows which parts of the General Provisions in 40 CFR 63.1 – 14 apply.

(2) Additional Terms and Conditions

a. After the compliance date of August 18, 1998, a Group 2 storage vessel that is subject to 40 CFR Part 60 Subpart Ka, but not the control requirements of Ka, is required to comply only with the requirements of 40 CFR 63 Subpart CC.

c) Operational Restrictions

(1) The permittee shall not place, store, or hold in this fixed roof tank any petroleum liquid with a true vapor pressure which is greater than 1.52 pounds per square inch absolute.

(2) The maximum throughput for this tank shall not exceed 735,840,000 gallons per year.

d) Monitoring and/or Recordkeeping 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.
- (2) The permit shall maintain records of the following information:
 - a. The types of petroleum liquids stored in the tank;
 - b. The maximum true vapor pressure (in pounds per square inch absolute), as stored, of each liquid that has a maximum true vapor pressure greater than 1.0 pound per square inch absolute.
- (3) This emissions unit is a Group 2 storage vessel as defined in 40 CFR Part 63.641. Each owner or operator subject to the storage vessel provisions in 40 CFR Part 63.646 shall comply with the following record keeping requirements of 40 CFR 63.123:
 - a. readily accessible records showing the dimensions of the storage vessel; and
 - b. an analysis showing the capacity of the storage vessel.

The above records shall be kept as long as the storage vessel retains Group 2 status and is in operation. [63.654(i)(1)]

- (4) If a storage vessel is determined to be Group 2 because the weight percent total organic HAP of the stored liquid is less than or equal to 4 percent for existing sources or 2 percent for new sources, a record of any data, assumptions, and procedures used to make this determination shall be retained. [63.654(i)(1)(iv)]
- (5) All information required to be reported in accordance with 40 CFR Part 63.654 shall be retained for 5 years. [63.654(i)(4)]

e) Reporting Requirements

- (1) If the permittee places, stores, or holds in the fixed roof tank any petroleum liquid with a true vapor pressure which is greater than 1.52 pounds per square inch absolute, the permittee shall notify the Northwest District Office within 30 days of becoming aware of the occurrence.
- (2) The permittee shall submit annual reports that summarize the total annual material throughput, in gallons, for this emissions unit. These reports shall be submitted electronically through Ohio EPA Air Services by January 31 of each year and shall cover the previous calendar year.

f) Testing Requirements

- (1) Compliance with the emission limitation in section b)(1) of these terms and conditions shall be determined in accordance with the following method:
 - a. Emission Limitation
5.59 tons of volatile organic compounds (VOC)/year

Applicable Compliance Method

The permittee shall demonstrate compliance through working and breathing loss calculations as determined by U.S. EPA Tanks 4.0.9d program.

- g) Miscellaneous Requirements
 - (1) None



2. T064, T064-263

Operations, Property and/or Equipment Description:

2,289,273 Gallon Fixed Roof Storage Tank

a) 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

b) Applicable Emissions Limitations and/or Control Requirements

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

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3)(a)	6.71 tons of volatile organic compounds (VOC)/year
b.	OAC rule 3745-21-09(L)	See c)(1), d)(2), and e)(1)
c.	40 CFR Part 60 Subpart Ka	See b)(2)a.
d.	<u>40 CFR Part 63 Subpart CC</u> 40 CFR 63.654(i)(1)	See d)(3)
	40 CFR 63.654(i)(1)(iv)	See d)(4)
	40 CFR 63.654(i)(4)	See d)(5)
e.	40 CFR Part 63 Subpart A	Table 6 to Subpart CC of 40 CFR Part 63 – Applicability of General Provisions to Subpart CC shows which parts of the General Provisions in 40 CFR 63.1 – 14 apply.

(2) Additional Terms and Conditions

a. After the compliance date of August 18, 1998, a Group 2 storage vessel that is subject to 40 CFR Part 60 Subpart Ka, but not the control requirements of Ka, is required to comply only with the requirements of 40 CFR 63 Subpart CC.

c) Operational Restrictions

(1) The permittee shall not place, store, or hold in this fixed roof tank any petroleum liquid with a true vapor pressure which is greater than 1.52 pounds per square inch absolute.

(2) The maximum throughput for this tank shall not exceed 735,840,000 gallons per year.

d) Monitoring and/or Recordkeeping 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.
- (2) The permit shall maintain records of the following information:
 - a. The types of petroleum liquids stored in the tank;
 - b. The maximum true vapor pressure (in pounds per square inch absolute), as stored, of each liquid that has a maximum true vapor pressure greater than 1.0 pound per square inch absolute.
- (3) This emissions unit is a Group 2 storage vessel as defined in 40 CFR Part 63.641. In accordance with 40 CFR Part 63.123, each owner or operator of a Group 2 storage vessel shall keep readily accessible records showing the dimensions of the storage vessel and an analysis showing the capacity of the storage vessel. This record shall be kept as long as the storage vessel retains Group 2 status and is in operation. For each Group 2 storage vessel the owner or operator is not required to comply with any other provisions of 40 CFR Part 63.119 through 63.123 of Subpart CC other than those required by this paragraph unless such vessel is part of an emissions average as described in 40 CFR Part 63.150 of this Subpart. [40 CFR 63.123(a)]
- (4) If a storage vessel is determined to be Group 2 because the weight percent total organic HAP of the stored liquid is less than or equal to 4 percent for existing sources or 2 percent for new sources, a record of any data, assumptions, and procedures used to make this determination shall be retained.
- (5) All information required to be reported in accordance with 40 CFR Part 63.654 shall be retained for 5 years.

e) Reporting Requirements

- (1) If the permittee places, stores, or holds in the fixed roof tank any petroleum liquid with a true vapor pressure which is greater than 1.52 pounds per square inch absolute, the permittee shall notify the Northwest District Office within 30 days of becoming aware of the occurrence.
- (2) The permittee shall submit annual reports that summarize the total annual material throughput, in gallons, for this emissions unit. These reports shall be submitted electronically through Ohio EPA Air Services by January 31 of each year and shall cover the previous calendar year.

f) Testing Requirements

- (1) Compliance with the emission limitation in section b)(1) of these terms and conditions shall be determined to be in accordance with the following method:
 - a. Emission Limitation
6.71 tons of volatile organic compounds (VOC)/year

Applicable Compliance Method

The permittee shall demonstrate compliance through working and breathing loss calculations as determined by U.S. EPA Tanks 4.0.9d program.

- g) Miscellaneous Requirements
 - (1) None

3. T071, Tank 100026

Operations, Property and/or Equipment Description:

177,194 Gallon Storage Tank with Internal Floating Roof

a) 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

b) Applicable Emissions Limitations and/or Control Requirements

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

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3)(a)	5.25 tons of volatile organic compounds (VOC)/year
b.	OAC rule 3745-21-09(L)	See b)(2)b. and d)(2)
c.	40 CFR Part 60 Subpart Ka	See b)(2)g.iii
d.	40 CFR Part 63 Subpart CC	<u>Storage Tank Provisions</u> See b)(2)g.ii <u>Wastewater Provisions</u> See b)(2)e. and e)(1)
e.	40 CFR Part 61 Subpart FF	See b)(2)g.i.
f.	40 CFR Part 60 Subpart QQQ	See b)(2)c.

(2) Additional Terms and Conditions

a. The fixed roof storage tank shall be equipped with an internal floating roof meeting the following specifications:

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 readily as possible.

ii. 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:

- (a) 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.
 - (b) 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.
 - (c) 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.
- 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.
 - 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.
 - 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
 - vi. Rim space vents shall be equipped with a gasket and are set to be open only when the internal floating roof is not floating or at the manufacturer's recommended setting.
 - 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.
 - 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 gasketed sliding cover.
 - ix. Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover. [40 CFR 60.112b(a)(1)(i) – (ix)]

- b. The requirements of OAC rule 3745-21-09(L) are equivalent to or less stringent than the requirements of 40 CFR Part 63 Subpart CC.
- c. Storage vessels that are subject to the standards in 60.112, 60.112a, and 60.112b and associated requirements in 40 CFR Part 60, Subparts K, Ka, or Kb are not subject to the requirements of 40 CFR Part 60, Subpart QQQ. [40 CFR 60.692-3]
- d. In accordance with the Storage Tank Emission Reduction Partnership Program (STERPP) agreement executed by the United States Environmental Protection Agency (U.S. EPA) on February 2, 2001, the permittee installed a pole sleeve system on the slotted guidepole of this emissions unit on December 21, 2001.

The pole sleeve system shall meet the following requirements:

- i. Each opening through the deck of the floating roof for a slotted guidepole shall be equipped with a deck cover, a pole wiper, and a pole sleeve.
 - ii. The deck cover shall be equipped with a gasket between the cover and the deck.
 - iii. The sleeve shall extend into the stored liquid.
- e. Except as provided in paragraph (b) of 40 CFR 63.647, each owner or operator of a Group 1 wastewater stream shall comply with the requirements of 61.340 through 61.355 of 40 CFR Part 61, Subpart FF for each process wastewater stream that meets the definition in 40 CFR 63.641. [40 CFR 63.647(a)]
 - f. Refer to Part II – Specific Facility Terms and Conditions, section A.10, of the Title V permit issued on 11/28/05 for the requirements of 40 CFR Part 63, Subpart A – National Emission Standards for Hazardous Air Pollutants – General Provisions.
 - g. This term summarizes the interrelationship and overlap between the applicable storage tank requirements of 40 CFR Part 60 Subpart Ka, 40 CFR Part 61 Subpart FF, and 40 CFR Part 63 Subpart CC:

- i. 40 CFR Part 61 Subpart FF:

This storage tank is applicable to the requirements under 40 CFR 61.351 – Alternative standards for tanks. The alternative standard allows for compliance to be achieved by complying with the internal floating roof standards provided in 40 CFR 60.112b(a)(1) of 40 CFR Part 60 Subpart Kb.

- ii. 40 CFR Part 63 Subpart CC:

Since the tank is subject to the requirements of 40 CFR Subpart Kb via the alternative standard under 40 CFR 61.351 the following overlap language from 40 CFR Part 63 Subpart CC would apply:

After the compliance dates specified in paragraph (h) of 40 CFR 63.640, a Group 1 or Group 2 storage vessel that is part of an existing source and

is also subject to the provisions of 40 CFR Part 60 Subpart Kb, is required to comply only with the requirements of 40 CFR Part 60 Subpart Kb, except as provided in paragraph (n)(8) of 40 CFR 63.640.

iii. 40 CFR Part 60 Subpart Ka:

This emissions unit is a Group 1 storage vessel as defined in 40 CFR Part 63.641. After the compliance date specified in paragraph (h) of 40 CFR Part 63.640 a Group 1 storage vessel that is also subject to the provisions of 40 CFR Subpart Ka is required to only comply with the provisions of 40 CFR Part 63 Subpart CC. In this case the provisions of 40 CFR Part 63 Subpart CC indicate that compliance is only required with the provisions of 40 CFR Subpart Kb [see b)(2)g.ii above].

c) Operational Restrictions

- (1) The maximum throughput for this tank shall not exceed 64,675,810 gallons per year.

d) Monitoring and/or Recordkeeping 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.
- (2) The permit shall maintain records of the following information:
- a. The types of petroleum liquids stored in the tank;
 - b. The maximum true vapor pressure (in pounds per square inch absolute), as stored, of each liquid that has a maximum true vapor pressure greater than 1.0 pound per square inch absolute.
- (3) In accordance with the STERRP agreement, the permittee shall meet the following requirements:
- a. The sliding cover shall be in place over the slotted guidepole opening through the floating roof at all times except when the sliding cover must be removed for access.
 - b. If the control technology used includes a guidepole float, the float shall be floating within the guidepole at all times except when it must be removed for access to the stored liquid or when the tank is empty.
 - c. Visually inspect the deck fitting for the slotted guidepole at least once every 10 years and each time the vessel is emptied and degassed.
 - d. If the slotted guidepole deck fitting or control devices have defects, or if a gap of more than 0.32 centimeter (1/8 inch) exists between any gasket required for control of the slotted guidepole deck fitting and any surface that it is intended to seal, such items shall be repaired before filling or refilling the storage vessel with regulated material.

- e. Tanks taken out of hydrocarbon service, for any reason, do not have to have any controls in place during the time they are out of service.

e) Reporting Requirements

- (1) Each owner or operator subject to the wastewater provisions in 40 CFR 63.647 shall comply with the recordkeeping and reporting provisions in 40 CFR 61.356 and 61.357 of 40 CFR Part 61 Subpart FF unless they are complying with the wastewater provisions specified in paragraph (o)(2)(ii) of 40 CFR 63.640. There are no additional reporting and recordkeeping requirements for wastewater under this subpart unless a wastewater stream is included in an emissions average. Recordkeeping and reporting for emissions averages are specified in 40 CFR 63.653 and in paragraphs (f)(5) and (g)(8) of 40 CFR 63.654. [40 CFR 63.654(a)]
- (2) Each owner or operator subject to 40 CFR Part 60 Subpart CC shall submit the following reports as required in 63.654(e)(1) – (4) except as provided in 63.654(h)(5), and shall keep records as described in section 63.654(i):
 - a. A Notification of Compliance Status report as described in paragraph (f) of 40 CFR 63.654.
 - b. Periodic reports as described in paragraph (g) of 40 CFR 63.654; and
 - c. Other reports as described in paragraph (h) of 40 CFR 63.654. [40 CFR 63.654(e)]
- (3) The permittee shall submit annual reports that summarize the total annual material throughput, in gallons, for this emissions unit. These reports shall be submitted electronically through Ohio EPA Air Services by January 31 of each year and shall cover the previous calendar year.

f) Testing Requirements

- (1) Compliance with the emission limitation in section b)(1) of these terms and conditions shall be determined in accordance with the following method:
 - a. Emission Limitation
5.25 tons of volatile organic compounds (VOC)/year

Applicable Compliance Method
The permittee shall demonstrate compliance through working and breathing loss calculations as determined by U.S. EPA Tanks 4.0.9d program.

g) Miscellaneous Requirements

- (1) None

4. T072, Tank 100028

Operations, Property and/or Equipment Description:

177,194 Gallon Storage Tank with Internal Floating Roof

a) 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

b) Applicable Emissions Limitations and/or Control Requirements

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

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3)(a)	6.14 tons of volatile organic compounds (VOC)/year
b.	OAC rule 3745-21-09(L)	See b)(2)b. and d)(2)
c.	40 CFR Part 60 Subpart Ka	See b)(2)g.iii
d.	40 CFR Part 63 Subpart CC	<u>Storage Tank Provisions</u> See b)(2)g.ii <u>Wastewater Provisions</u> See b)(2)e. and e)(1)
e.	40 CFR Part 61 Subpart FF	See b)(2)g.i.
f.	40 CFR Part 60 Subpart QQQ	See b)(2)c.

(2) Additional Terms and Conditions

a. The fixed roof storage tank shall be equipped with an internal floating roof meeting the following specifications:

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 readily as possible.

ii. 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:

- (a) 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.
 - (b) 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.
 - (c) 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.
- 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.
 - 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.
 - 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
 - vi. Rim space vents shall be equipped with a gasket and are set to be open only when the internal floating roof is not floating or at the manufacturer's recommended setting.
 - 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.
 - 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 gasketed sliding cover.
 - ix. Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover. [40 CFR 60.112b(a)(1)(i) – (ix)]

- b. The requirements of OAC rule 3745-21-09(L) are equivalent to or less stringent than the requirements of 40 CFR Part 63 Subpart CC.
- c. Storage vessels that are subject to the standards in 60.112, 60.112a, and 60.112b and associated requirements in 40 CFR Part 60, Subparts K, Ka, or Kb are not subject to the requirements of 40 CFR Part 60, Subpart QQQ. [40 CFR 60.692-3]
- d. In accordance with the Storage Tank Emission Reduction Partnership Program (STERPP) agreement executed by the United States Environmental Protection Agency (U.S. EPA) on February 2, 2001, the permittee installed a pole sleeve system on the slotted guidepole of this emissions unit on December 21, 2001.

The pole sleeve system shall meet the following requirements:

- i. Each opening through the deck of the floating roof for a slotted guidepole shall be equipped with a deck cover, a pole wiper, and a pole sleeve.
 - ii. The deck cover shall be equipped with a gasket between the cover and the deck.
 - iii. The sleeve shall extend into the stored liquid.
- e. Except as provided in paragraph (b) of 40 CFR 63.647, each owner or operator of a Group 1 wastewater stream shall comply with the requirements of 61.340 through 61.355 of 40 CFR Part 61, Subpart FF for each process wastewater stream that meets the definition in 40 CFR 63.641. [40 CFR 63.647(a)]
 - f. Refer to Part II – Specific Facility Terms and Conditions, section A.10, of the Title V permit issued on 11/28/05 for the requirements of 40 CFR Part 63, Subpart A – National Emission Standards for Hazardous Air Pollutants – General Provisions.
 - g. This term summarizes the interrelationship and overlap between the applicable storage tank requirements of 40 CFR Part 60 Subpart Ka, 40 CFR Part 61 Subpart FF, and 40 CFR Part 63 Subpart CC:

- i. 40 CFR Part 61 Subpart FF:

This storage tank is applicable to the requirements under 40 CFR 61.351 – Alternative standards for tanks. The alternative standard allows for compliance to be achieved by complying with the internal floating roof standards provided in 40 CFR 60.112b(a)(1) of 40 CFR Part 60 Subpart Kb.

- ii. 40 CFR Part 63 Subpart CC:

Since the tank is subject to the requirements of 40 CFR Subpart Kb via the alternative standard under 40 CFR 61.351 the following overlap language from 40 CFR Part 63 Subpart CC would apply:

After the compliance dates specified in paragraph (h) of 40 CFR 63.640, a Group 1 or Group 2 storage vessel that is part of an existing source and

is also subject to the provisions of 40 CFR Part 60 Subpart Kb, is required to comply only with the requirements of 40 CFR Part 60 Subpart Kb, except as provided in paragraph (n)(8) of 40 CFR 63.640.

iii. 40 CFR Part 60 Subpart Ka:

This emissions unit is a Group 1 storage vessel as defined in 40 CFR Part 63.641. After the compliance date specified in paragraph (h) of 40 CFR Part 63.640 a Group 1 storage vessel that is also subject to the provisions of 40 CFR Subpart Ka is required to only comply with the provisions of 40 CFR Part 63 Subpart CC. In this case the provisions of 40 CFR Part 63 Subpart CC indicate that compliance is only required with the provisions of 40 CFR Subpart Kb [see b)(2)g.ii above].

c) Operational Restrictions

- (1) The maximum throughput for this tank shall not exceed 64,675,810 gallons per year.

d) Monitoring and/or Recordkeeping 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.
- (2) The permit shall maintain records of the following information:
- a. The types of petroleum liquids stored in the tank;
 - b. The maximum true vapor pressure (in pounds per square inch absolute), as stored, of each liquid that has a maximum true vapor pressure greater than 1.0 pound per square inch absolute.
- (3) In accordance with the STERRP agreement, the permittee shall meet the following requirements:
- a. The sliding cover shall be in place over the slotted guidepole opening through the floating roof at all times except when the sliding cover must be removed for access.
 - b. If the control technology used includes a guidepole float, the float shall be floating within the guidepole at all times except when it must be removed for access to the stored liquid or when the tank is empty.
 - c. Visually inspect the deck fitting for the slotted guidepole at least once every 10 years and each time the vessel is emptied and degassed.
 - d. If the slotted guidepole deck fitting or control devices have defects, or if a gap of more than 0.32 centimeter (1/8 inch) exists between any gasket required for control of the slotted guidepole deck fitting and any surface that it is intended to seal, such items shall be repaired before filling or refilling the storage vessel with regulated material.

- e. Tanks taken out of hydrocarbon service, for any reason, do not have to have any controls in place during the time they are out of service.

e) Reporting Requirements

- (1) Each owner or operator subject to the wastewater provisions in 40 CFR 63.647 shall comply with the recordkeeping and reporting provisions in 40 CFR 61.356 and 61.357 of 40 CFR Part 61 Subpart FF unless they are complying with the wastewater provisions specified in paragraph (o)(2)(ii) of 40 CFR 63.640. There are no additional reporting and recordkeeping requirements for wastewater under this subpart unless a wastewater stream is included in an emissions average. Recordkeeping and reporting for emissions averages are specified in 40 CFR 63.653 and in paragraphs (f)(5) and (g)(8) of 40 CFR 63.654. [40 CFR 63.654(a)]
- (2) Each owner or operator subject to 40 CFR Part 60 Subpart CC shall submit the following reports as required in 63.654(e)(1) – (4) except as provided in 63.654(h)(5), and shall keep records as described in section 63.654(i):
 - a. A Notification of Compliance Status report as described in paragraph (f) of 40 CFR 63.654.
 - b. Periodic reports as described in paragraph (g) of 40 CFR 63.654; and
 - c. Other reports as described in paragraph (h) of 40 CFR 63.654. [40 CFR 63.654(e)]
- (3) The permittee shall submit annual reports that summarize the total annual material throughput, in gallons, for this emissions unit. These reports shall be submitted electronically through Ohio EPA Air Services by January 31 of each year and shall cover the previous calendar year.

f) Testing Requirements

- (1) Compliance with the emission limitation in section b)(1) of these terms and conditions shall be determined in accordance with the following method:
 - a. Emission Limitation
6.14 tons of volatile organic compounds (VOC)/year

Applicable Compliance Method
The permittee shall demonstrate compliance through working and breathing loss calculations as determined by U.S. EPA Tanks 4.0.9d program.

g) Miscellaneous Requirements

- (1) None

5. T073, T073-256

Operations, Property and/or Equipment Description:

230,307 Gallon Storage Tank with Internal Floating Roof

a) 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

b) Applicable Emissions Limitations and/or Control Requirements

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

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3)(a)	7.51 tons of volatile organic compounds (VOC)/year
b.	OAC rule 3745-21-09(L)	See b)(2)b. and d)(2)
c.	40 CFR Part 60 Subpart Ka	See b)(2)g.iii
d.	40 CFR Part 63 Subpart CC	<u>Storage Tank Provisions</u> See b)(2)g.ii <u>Wastewater Provisions</u> See b)(2)e. and e)(1)
e.	40 CFR Part 61 Subpart FF	See b)(2)g.i.
f.	40 CFR Part 60 Subpart QQQ	See b)(2)c.

(2) Additional Terms and Conditions

a. The fixed roof storage tank shall be equipped with an internal floating roof meeting the following specifications:

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 readily as possible.

ii. 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:

- (a) 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.
 - (b) 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.
 - (c) 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.
- 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.
 - 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.
 - 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
 - vi. Rim space vents shall be equipped with a gasket and are set to be open only when the internal floating roof is not floating or at the manufacturer's recommended setting.
 - 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.
 - 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 gasketed sliding cover.
 - ix. Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover. [40 CFR 60.112b(a)(1)(i) – (ix)]

- b. The requirements of OAC rule 3745-21-09(L) are equivalent to or less stringent than the requirements of 40 CFR Part 63 Subpart CC.
- c. Storage vessels that are subject to the standards in 60.112, 60.112a, and 60.112b and associated requirements in 40 CFR Part 60, Subparts K, Ka, or Kb are not subject to the requirements of 40 CFR Part 60, Subpart QQQ. [40 CFR 60.692-3]
- d. In accordance with the Storage Tank Emission Reduction Partnership Program (STERPP) agreement executed by the United States Environmental Protection Agency (U.S. EPA) on February 2, 2001, the permittee installed a pole sleeve system on the slotted guidepole of this emissions unit on December 21, 2001.

The pole sleeve system shall meet the following requirements:

- i. Each opening through the deck of the floating roof for a slotted guidepole shall be equipped with a deck cover, a pole wiper, and a pole sleeve.
- ii. The deck cover shall be equipped with a gasket between the cover and the deck.
- iii. The sleeve shall extend into the stored liquid.
- e. Except as provided in paragraph (b) of 40 CFR 63.647, each owner or operator of a Group 1 wastewater stream shall comply with the requirements of 61.340 through 61.355 of 40 CFR Part 61, Subpart FF for each process wastewater stream that meets the definition in 40 CFR 63.641. [40 CFR 63.647(a)]
- f. Refer to Part II – Specific Facility Terms and Conditions, section A.10, of the Title V permit issued on 11/28/05 for the requirements of 40 CFR Part 63, Subpart A – National Emission Standards for Hazardous Air Pollutants – General Provisions.
- g. This term summarizes the interrelationship and overlap between the applicable storage tank requirements of 40 CFR Part 60 Subpart Ka, 40 CFR Part 61 Subpart FF, and 40 CFR Part 63 Subpart CC:

- i. 40 CFR Part 61 Subpart FF:

This storage tank is applicable to the requirements under 40 CFR 61.351 – Alternative standards for tanks. The alternative standard allows for compliance to be achieved by complying with the internal floating roof standards provided in 40 CFR 60.112b(a)(1) of 40 CFR Part 60 Subpart Kb.

- ii. 40 CFR Part 63 Subpart CC:

Since the tank is subject to the requirements of 40 CFR Subpart Kb via the alternative standard under 40 CFR 61.351 the following overlap language from 40 CFR Part 63 Subpart CC would apply:

After the compliance dates specified in paragraph (h) of 40 CFR 63.640, a Group 1 or Group 2 storage vessel that is part of an existing source and

is also subject to the provisions of 40 CFR Part 60 Subpart Kb, is required to comply only with the requirements of 40 CFR Part 60 Subpart Kb, except as provided in paragraph (n)(8) of 40 CFR 63.640.

iii. 40 CFR Part 60 Subpart Ka:

This emissions unit is a Group 1 storage vessel as defined in 40 CFR Part 63.641. After the compliance date specified in paragraph (h) of 40 CFR Part 63.640 a Group 1 storage vessel that is also subject to the provisions of 40 CFR Subpart Ka is required to only comply with the provisions of 40 CFR Part 63 Subpart CC. In this case the provisions of 40 CFR Part 63 Subpart CC indicate that compliance is only required with the provisions of 40 CFR Subpart Kb [see b)(2)g.ii above].

c) Operational Restrictions

- (1) The maximum throughput for this tank shall not exceed 153,300,000 gallons per year.

d) Monitoring and/or Recordkeeping 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.
- (2) The permit shall maintain records of the following information:
- a. The types of petroleum liquids stored in the tank;
 - b. The maximum true vapor pressure (in pounds per square inch absolute), as stored, of each liquid that has a maximum true vapor pressure greater than 1.0 pound per square inch absolute.
- (3) In accordance with the STERRP agreement, the permittee shall meet the following requirements:
- a. The sliding cover shall be in place over the slotted guidepole opening through the floating roof at all times except when the sliding cover must be removed for access.
 - b. If the control technology used includes a guidepole float, the float shall be floating within the guidepole at all times except when it must be removed for access to the stored liquid or when the tank is empty.
 - c. Visually inspect the deck fitting for the slotted guidepole at least once every 10 years and each time the vessel is emptied and degassed.
 - d. If the slotted guidepole deck fitting or control devices have defects, or if a gap of more than 0.32 centimeter (1/8 inch) exists between any gasket required for control of the slotted guidepole deck fitting and any surface that it is intended to seal, such items shall be repaired before filling or refilling the storage vessel with regulated material.

- e. Tanks taken out of hydrocarbon service, for any reason, do not have to have any controls in place during the time they are out of service.

e) Reporting Requirements

- (1) Each owner or operator subject to the wastewater provisions in 40 CFR 63.647 shall comply with the recordkeeping and reporting provisions in 40 CFR 61.356 and 61.357 of 40 CFR Part 61 Subpart FF unless they are complying with the wastewater provisions specified in paragraph (o)(2)(ii) of 40 CFR 63.640. There are no additional reporting and recordkeeping requirements for wastewater under this subpart unless a wastewater stream is included in an emissions average. Recordkeeping and reporting for emissions averages are specified in 40 CFR 63.653 and in paragraphs (f)(5) and (g)(8) of 40 CFR 63.654. [40 CFR 63.654(a)]
- (2) Each owner or operator subject to 40 CFR Part 60 Subpart CC shall submit the following reports as required in 63.654(e)(1) – (4) except as provided in 63.654(h)(5), and shall keep records as described in section 63.654(i):
 - a. A Notification of Compliance Status report as described in paragraph (f) of 40 CFR 63.654.
 - b. Periodic reports as described in paragraph (g) of 40 CFR 63.654; and
 - c. Other reports as described in paragraph (h) of 40 CFR 63.654. [40 CFR 63.654(e)]
- (3) The permittee shall submit annual reports that summarize the total annual material throughput, in gallons, for this emissions unit. These reports shall be submitted electronically through Ohio EPA Air Services by January 31 of each year and shall cover the previous calendar year.

f) Testing Requirements

- (1) Compliance with the emission limitation in section b)(1) of these terms and conditions shall be determined in accordance with the following method:
 - a. Emission Limitation
7.51 tons of volatile organic compounds (VOC)/year

Applicable Compliance Method
The permittee shall demonstrate compliance through working and breathing loss calculations as determined by U.S. EPA Tanks 4.0.9d program.

g) Miscellaneous Requirements

- (1) None

6. T074, T074-253

Operations, Property and/or Equipment Description:

475,890 Gallon Storage Tank with Internal Floating Roof

a) 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

b) Applicable Emissions Limitations and/or Control Requirements

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

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3)(a)	12.04 tons of volatile organic compounds (VOC)/year
b.	OAC rule 3745-21-09(L)	See b)(2)b. and d)(2)
c.	40 CFR Part 60 Subpart Ka	See b)(2)g.iii
d.	40 CFR Part 63 Subpart CC	<u>Storage Tank Provisions</u> See b)(2)g.ii <u>Wastewater Provisions</u> See b)(2)e. and e)(1)
e.	40 CFR Part 61 Subpart FF	See b)(2)g.i.
f.	40 CFR Part 60 Subpart QQQ	See b)(2)c.

(2) Additional Terms and Conditions

a. The fixed roof storage tank shall be equipped with an internal floating roof meeting the following specifications:

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 readily as possible.

ii. 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:

- (a) 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.
 - (b) 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.
 - (c) 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.
- 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.
 - 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.
 - 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
 - vi. Rim space vents shall be equipped with a gasket and are set to be open only when the internal floating roof is not floating or at the manufacturer's recommended setting.
 - 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.
 - 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 gasketed sliding cover.
 - ix. Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover. [40 CFR 60.112b(a)(1)(i) – (ix)]

- b. The requirements of OAC rule 3745-21-09(L) are equivalent to or less stringent than the requirements of 40 CFR Part 63 Subpart CC.
- c. Storage vessels that are subject to the standards in 60.112, 60.112a, and 60.112b and associated requirements in 40 CFR Part 60, Subparts K, Ka, or Kb are not subject to the requirements of 40 CFR Part 60, Subpart QQQ. [40 CFR 60.692-3]
- d. In accordance with the Storage Tank Emission Reduction Partnership Program (STERPP) agreement executed by the United States Environmental Protection Agency (U.S. EPA) on February 2, 2001, the permittee installed a pole sleeve system on the slotted guidepole of this emissions unit on December 21, 2001.

The pole sleeve system shall meet the following requirements:

- i. Each opening through the deck of the floating roof for a slotted guidepole shall be equipped with a deck cover, a pole wiper, and a pole sleeve.
- ii. The deck cover shall be equipped with a gasket between the cover and the deck.
- iii. The sleeve shall extend into the stored liquid.
- e. Except as provided in paragraph (b) of 40 CFR 63.647, each owner or operator of a Group 1 wastewater stream shall comply with the requirements of 61.340 through 61.355 of 40 CFR Part 61, Subpart FF for each process wastewater stream that meets the definition in 40 CFR 63.641. [40 CFR 63.647(a)]
- f. Refer to Part II – Specific Facility Terms and Conditions, section A.10, of the Title V permit issued on 11/28/05 for the requirements of 40 CFR Part 63, Subpart A – National Emission Standards for Hazardous Air Pollutants – General Provisions.
- g. This term summarizes the interrelationship and overlap between the applicable storage tank requirements of 40 CFR Part 60 Subpart Ka, 40 CFR Part 61 Subpart FF, and 40 CFR Part 63 Subpart CC:

- i. 40 CFR Part 61 Subpart FF:

This storage tank is applicable to the requirements under 40 CFR 61.351 – Alternative standards for tanks. The alternative standard allows for compliance to be achieved by complying with the internal floating roof standards provided in 40 CFR 60.112b(a)(1) of 40 CFR Part 60 Subpart Kb.

- ii. 40 CFR Part 63 Subpart CC:

Since the tank is subject to the requirements of 40 CFR Subpart Kb via the alternative standard under 40 CFR 61.351 the following overlap language from 40 CFR Part 63 Subpart CC would apply:

After the compliance dates specified in paragraph (h) of 40 CFR 63.640, a Group 1 or Group 2 storage vessel that is part of an existing source and

is also subject to the provisions of 40 CFR Part 60 Subpart Kb, is required to comply only with the requirements of 40 CFR Part 60 Subpart Kb, except as provided in paragraph (n)(8) of 40 CFR 63.640.

iii. 40 CFR Part 60 Subpart Ka:

This emissions unit is a Group 1 storage vessel as defined in 40 CFR Part 63.641. After the compliance date specified in paragraph (h) of 40 CFR Part 63.640 a Group 1 storage vessel that is also subject to the provisions of 40 CFR Subpart Ka is required to only comply with the provisions of 40 CFR Part 63 Subpart CC. In this case the provisions of 40 CFR Part 63 Subpart CC indicate that compliance is only required with the provisions of 40 CFR Subpart Kb [see b)(2)g.ii above].

c) Operational Restrictions

- (1) The maximum throughput for this tank shall not exceed 316,766,671 gallons per year.

d) Monitoring and/or Recordkeeping 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.
- (2) The permit shall maintain records of the following information:
- a. The types of petroleum liquids stored in the tank;
 - b. The maximum true vapor pressure (in pounds per square inch absolute), as stored, of each liquid that has a maximum true vapor pressure greater than 1.0 pound per square inch absolute.
- (3) In accordance with the STERRP agreement, the permittee shall meet the following requirements:
- a. The sliding cover shall be in place over the slotted guidepole opening through the floating roof at all times except when the sliding cover must be removed for access.
 - b. If the control technology used includes a guidepole float, the float shall be floating within the guidepole at all times except when it must be removed for access to the stored liquid or when the tank is empty.
 - c. Visually inspect the deck fitting for the slotted guidepole at least once every 10 years and each time the vessel is emptied and degassed.
 - d. If the slotted guidepole deck fitting or control devices have defects, or if a gap of more than 0.32 centimeter (1/8 inch) exists between any gasket required for control of the slotted guidepole deck fitting and any surface that it is intended to seal, such items shall be repaired before filling or refilling the storage vessel with regulated material.

- e. Tanks taken out of hydrocarbon service, for any reason, do not have to have any controls in place during the time they are out of service.

e) Reporting Requirements

- (1) Each owner or operator subject to the wastewater provisions in 40 CFR 63.647 shall comply with the recordkeeping and reporting provisions in 40 CFR 61.356 and 61.357 of 40 CFR Part 61 Subpart FF unless they are complying with the wastewater provisions specified in paragraph (o)(2)(ii) of 40 CFR 63.640. There are no additional reporting and recordkeeping requirements for wastewater under this subpart unless a wastewater stream is included in an emissions average. Recordkeeping and reporting for emissions averages are specified in 40 CFR 63.653 and in paragraphs (f)(5) and (g)(8) of 40 CFR 63.654. [40 CFR 63.654(a)]
- (2) Each owner or operator subject to 40 CFR Part 60 Subpart CC shall submit the following reports as required in 63.654(e)(1) – (4) except as provided in 63.654(h)(5), and shall keep records as described in section 63.654(i):
 - a. A Notification of Compliance Status report as described in paragraph (f) of 40 CFR 63.654.
 - b. Periodic reports as described in paragraph (g) of 40 CFR 63.654; and
 - c. Other reports as described in paragraph (h) of 40 CFR 63.654. [40 CFR 63.654(e)]
- (3) The permittee shall submit annual reports that summarize the total annual material throughput, in gallons, for this emissions unit. These reports shall be submitted electronically through Ohio EPA Air Services by January 31 of each year and shall cover the previous calendar year.

f) Testing Requirements

- (1) Compliance with the emission limitation in section b)(1) of these terms and conditions shall be determined in accordance with the following method:
 - a. Emission Limitation
12.04 tons of volatile organic compounds (VOC)/year

Applicable Compliance Method
The permittee shall demonstrate compliance through working and breathing loss calculations as determined by U.S. EPA Tanks 4.0.9d program.

g) Miscellaneous Requirements

- (1) None

7. T075, T075-255

Operations, Property and/or Equipment Description:

475,890 Gallon Storage Tank with Internal Floating Roof

a) 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

b) Applicable Emissions Limitations and/or Control Requirements

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

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3)(a)	12.04 tons of volatile organic compounds (VOC)/year
b.	OAC rule 3745-21-09(L)	See b)(2)b. and d)(2)
c.	40 CFR Part 60 Subpart Ka	See b)(2)g.iii
d.	40 CFR Part 63 Subpart CC	<u>Storage Tank Provisions</u> See b)(2)g.ii <u>Wastewater Provisions</u> See b)(2)e. and e)(1)
e.	40 CFR Part 61 Subpart FF	See b)(2)g.i.
f.	40 CFR Part 60 Subpart QQQ	See b)(2)c.

(2) Additional Terms and Conditions

a. The fixed roof storage tank shall be equipped with an internal floating roof meeting the following specifications:

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 readily as possible.

ii. 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:

- (a) 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.
 - (b) 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.
 - (c) 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.
- 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.
 - 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.
 - 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
 - vi. Rim space vents shall be equipped with a gasket and are set to be open only when the internal floating roof is not floating or at the manufacturer's recommended setting.
 - 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.
 - 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 gasketed sliding cover.
 - ix. Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover. [40 CFR 60.112b(a)(1)(i) – (ix)]

- b. The requirements of OAC rule 3745-21-09(L) are equivalent to or less stringent than the requirements of 40 CFR Part 63 Subpart CC.
- c. Storage vessels that are subject to the standards in 60.112, 60.112a, and 60.112b and associated requirements in 40 CFR Part 60, Subparts K, Ka, or Kb are not subject to the requirements of 40 CFR Part 60, Subpart QQQ. [40 CFR 60.692-3]
- d. In accordance with the Storage Tank Emission Reduction Partnership Program (STERPP) agreement executed by the United States Environmental Protection Agency (U.S. EPA) on February 2, 2001, the permittee installed a pole sleeve system on the slotted guidepole of this emissions unit on December 21, 2001.

The pole sleeve system shall meet the following requirements:

- i. Each opening through the deck of the floating roof for a slotted guidepole shall be equipped with a deck cover, a pole wiper, and a pole sleeve.
- ii. The deck cover shall be equipped with a gasket between the cover and the deck.
- iii. The sleeve shall extend into the stored liquid.
- e. Except as provided in paragraph (b) of 40 CFR 63.647, each owner or operator of a Group 1 wastewater stream shall comply with the requirements of 61.340 through 61.355 of 40 CFR Part 61, Subpart FF for each process wastewater stream that meets the definition in 40 CFR 63.641. [40 CFR 63.647(a)]
- f. Refer to Part II – Specific Facility Terms and Conditions, section A.10, of the Title V permit issued on 11/28/05 for the requirements of 40 CFR Part 63, Subpart A – National Emission Standards for Hazardous Air Pollutants – General Provisions.
- g. This term summarizes the interrelationship and overlap between the applicable storage tank requirements of 40 CFR Part 60 Subpart Ka, 40 CFR Part 61 Subpart FF, and 40 CFR Part 63 Subpart CC:

- i. 40 CFR Part 61 Subpart FF:

This storage tank is applicable to the requirements under 40 CFR 61.351 – Alternative standards for tanks. The alternative standard allows for compliance to be achieved by complying with the internal floating roof standards provided in 40 CFR 60.112b(a)(1) of 40 CFR Part 60 Subpart Kb.

- ii. 40 CFR Part 63 Subpart CC:

Since the tank is subject to the requirements of 40 CFR Subpart Kb via the alternative standard under 40 CFR 61.351 the following overlap language from 40 CFR Part 63 Subpart CC would apply:

After the compliance dates specified in paragraph (h) of 40 CFR 63.640, a Group 1 or Group 2 storage vessel that is part of an existing source and

is also subject to the provisions of 40 CFR Part 60 Subpart Kb, is required to comply only with the requirements of 40 CFR Part 60 Subpart Kb, except as provided in paragraph (n)(8) of 40 CFR 63.640.

iii. 40 CFR Part 60 Subpart Ka:

This emissions unit is a Group 1 storage vessel as defined in 40 CFR Part 63.641. After the compliance date specified in paragraph (h) of 40 CFR Part 63.640 a Group 1 storage vessel that is also subject to the provisions of 40 CFR Subpart Ka is required to only comply with the provisions of 40 CFR Part 63 Subpart CC. In this case the provisions of 40 CFR Part 63 Subpart CC indicate that compliance is only required with the provisions of 40 CFR Subpart Kb [see b)(2)g.ii above].

c) Operational Restrictions

- (1) The maximum throughput for this tank shall not exceed 316,766,671 gallons per year.

d) Monitoring and/or Recordkeeping 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.
- (2) The permit shall maintain records of the following information:
- a. The types of petroleum liquids stored in the tank;
 - b. The maximum true vapor pressure (in pounds per square inch absolute), as stored, of each liquid that has a maximum true vapor pressure greater than 1.0 pound per square inch absolute.
- (3) In accordance with the STERRP agreement, the permittee shall meet the following requirements:
- a. The sliding cover shall be in place over the slotted guidepole opening through the floating roof at all times except when the sliding cover must be removed for access.
 - b. If the control technology used includes a guidepole float, the float shall be floating within the guidepole at all times except when it must be removed for access to the stored liquid or when the tank is empty.
 - c. Visually inspect the deck fitting for the slotted guidepole at least once every 10 years and each time the vessel is emptied and degassed.
 - d. If the slotted guidepole deck fitting or control devices have defects, or if a gap of more than 0.32 centimeter (1/8 inch) exists between any gasket required for control of the slotted guidepole deck fitting and any surface that it is intended to seal, such items shall be repaired before filling or refilling the storage vessel with regulated material.

- e. Tanks taken out of hydrocarbon service, for any reason, do not have to have any controls in place during the time they are out of service.

e) Reporting Requirements

- (1) Each owner or operator subject to the wastewater provisions in 40 CFR 63.647 shall comply with the recordkeeping and reporting provisions in 40 CFR 61.356 and 61.357 of 40 CFR Part 61 Subpart FF unless they are complying with the wastewater provisions specified in paragraph (o)(2)(ii) of 40 CFR 63.640. There are no additional reporting and recordkeeping requirements for wastewater under this subpart unless a wastewater stream is included in an emissions average. Recordkeeping and reporting for emissions averages are specified in 40 CFR 63.653 and in paragraphs (f)(5) and (g)(8) of 40 CFR 63.654. [40 CFR 63.654(a)]
- (2) Each owner or operator subject to 40 CFR Part 60 Subpart CC shall submit the following reports as required in 63.654(e)(1) – (4) except as provided in 63.654(h)(5), and shall keep records as described in section 63.654(i):
 - a. A Notification of Compliance Status report as described in paragraph (f) of 40 CFR 63.654.
 - b. Periodic reports as described in paragraph (g) of 40 CFR 63.654; and
 - c. Other reports as described in paragraph (h) of 40 CFR 63.654. [40 CFR 63.654(e)]
- (3) The permittee shall submit annual reports that summarize the total annual material throughput, in gallons, for this emissions unit. These reports shall be submitted electronically through Ohio EPA Air Services by January 31 of each year and shall cover the previous calendar year.

f) Testing Requirements

- (1) Compliance with the emission limitation in section b)(1) of these terms and conditions shall be determined in accordance with the following method:
 - a. Emission Limitation
12.04 tons of volatile organic compounds (VOC)/year

Applicable Compliance Method
The permittee shall demonstrate compliance through working and breathing loss calculations as determined by U.S. EPA Tanks 4.0.9d program.

g) Miscellaneous Requirements

- (1) None