

Facility ID: 1652050170 Issuance type: Final State Permit To Operate

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

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

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

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Facility ID: 1652050170 Emissions Unit ID: J001 Issuance type: Final State Permit To Operate

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Part II - Special Terms and Conditions

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

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

A. Applicable Emissions Limitations and/or Control Requirements

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
loading rack	OAC rule 3745-31-05 (PTI 16-1515)	2.5 tpy of organic compounds (OC) 8.00 lbs of OC per 1000 gallons of material loaded See A.2.a and A.2.b below.
	OAC rule 3745-21-09(P)(5)(a)	exemption based on throughput restriction (See B.1 below.)

2. Additional Terms and Conditions

- (a) Any loading rack at the bulk gasoline plant which transfers gasoline to a delivery vessel shall be equipped for top submerged filling or bottom filling for the transfer of gasoline. All gasoline loading lines, unloading lines and vapor lines shall be equipped with fittings which are vapor tight.

B. Operational Restrictions

1. The average daily throughput, based upon the number of days during the calendar year when the bulk plant was actually in operation, shall not be equal to or greater than 4,000 gallons of gasoline.
2. The permittee shall not permit gasoline to be spilled, discarded in sewers, stored in open containers or handled in any other manner that would result in evaporation.

C. Monitoring and/or Record Keeping Requirements

1. For each calendar year, the permittee shall maintain the following records:
 - a. the total number of the days of operation for the calendar year;
 - b. the total quantity of all gasoline loaded into tank trucks for the calendar year;
 - c. the total quantity of distillates loaded through the loading rack into tank trucks for the calendar year; and
 - d. the average daily throughput of gasoline, in gallons per day (i.e., (b)/(a)).
2. The permittee shall maintain a record of the results of any leak checks, including, at a minimum, the following information:

- a. date of inspection;
- b. findings (may indicate no leaks were discovered or the location, nature and severity of each leak);
- c. leak determination method;
- d. corrective action (date each leak repaired and reasons for any repair interval in excess of 15 calendar days); and
- e. inspector's name and signature.

D. Reporting Requirements

- 1. If the records document an average daily throughput equal to or greater than 4,000 gallons per day, the permittee shall so notify the Director (the appropriate Ohio EPA District Office or local air agency) within 30 days of becoming aware of the occurrence.
- 2. Any leaks in vapor or liquid lines that are not repaired within 15 days after identification shall be reported to the Director within 30 days after the repair is completed.

E. Testing Requirements

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

2.5 tpy of OC

Applicable Compliance Method:

Multiply the AP-42 derived emission factor (AP-42 section 5.2-5, equation 1 (1/95)) of 0.0726 pound of OC per gallon of gasoline loaded by the yearly amount of gasoline loaded, then multiply the AP-42 derived emission factor (AP-42 section 5.2-5, equation 1 (1/95)) of 2.0×10^{-5} pound of OC per gallon of distillate loaded by the yearly amount of distillates loaded, then divided by 2000 and combine the OC from gasoline and distillates.

Emission Limitation:

8.00 lbs of OC per 1000 gallon of material loaded

Applicable Compliance Method:

The loading loss "L" is expressed in pounds of OC lost per 1000 gallons of liquid loaded and is determined by the following equation:

$$L = 12.46[(S)(P)(M)]/(T)$$

where

S = a saturation factor (see Table 5.2-1 of AP-42 dated 1/95)

P = true vapor pressure of liquid loaded in psia (see AP-42 Table 7.1-2 dated 9/97)

M = molecular weight of vapors in pounds per pound-mole (see AP-42 Table 7.1-2 dated 9/97)

T = temperature of bulk liquid loaded in degrees Rankine (degrees Fahrenheit + 460)

Using the AP-42 equation above, multiply 12.46 by a saturation factor of 0.6 times a vapor pressure of 8.3 times a molecular weight of 62, then divide by a temperature of 530. This results in an emission factor of 7.26 pounds of organic materials per 1000 gallons of liquid loaded.

F. Miscellaneous Requirements

- 1. None

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Part II - Special Terms and Conditions

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

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

A. Applicable Emissions Limitations and/or Control Requirements

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
12,000 gallon underground diesel fuel storage tank	OAC rule 3745-31-05 (PTI 16-1515)	0.5 tpy of organic compound (OC) 2.00 lbs of OC per 1000 gallons of throughput See A.2.a below.
	OAC 3745-21-09(L)(2)	exempt (See A.2.b below.)

2. Additional Terms and Conditions

- (a) This tank shall employ submerged filling.
This tank is exempt from the requirements of OAC rule 745-21-09(L)(1) because it has a capacity of less than 40,000 gallons.

B. Operational Restrictions

1. None

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall record the daily throughput, in gallons, for the tank.

D. Reporting Requirements

1. None

E. Testing Requirements

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

0.5 tpy of OC

2.00 lbs of OC per 1000 gallons throughput

Applicable Compliance Method:

If required, the permittee shall demonstrate compliance using the records kept as a requirement of section C of these terms and conditions and U.S. EPA's "Tanks Program 4.0," or the most recent version of this program

F. Miscellaneous Requirements

1. None

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Facility ID: 1652050170 Emissions Unit ID: T002 Issuance type: Final State Permit To Operate

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Part II - Special Terms and Conditions

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

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

- (a) None.

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

- (a) None.

A. Applicable Emissions Limitations and/or Control Requirements

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
12,000 gallon underground kerosene storage	OAC rule 3745-31-05	0.5 tpy of organic compound (OC)

- less than 40,000 gallons.
- B. **Operational Restrictions**
 - 1. None
- C. **Monitoring and/or Record Keeping Requirements**
 - 1. The permittee shall maintain records of the daily throughput, in gallons, for the tank.
- D. **Reporting Requirements**
 - 1. None
- E. **Testing Requirements**
 - 1. Compliance with the emission limitations in section A.1 of these terms and conditions shall be determined in accordance with the following method:
Emission Limitation:

1.0 tpy of OC

1.0 lb of OC per 1000 gallons throughput

Applicable Compliance Method:

If required, the permittee shall demonstrate compliance using the records kept as a requirement of section C of these terms and conditions and U.S. EPA's "Tanks Program 4.0," or the most recent version of this program.
- F. **Miscellaneous Requirements**
 - 1. None

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Facility ID: 1652050170 Emissions Unit ID: T004 Issuance type: Final State Permit To Operate

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Part II - Special Terms and Conditions

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

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

A. Applicable Emissions Limitations and/or Control Requirements

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
20,000 gallon underground #2 heating oil storage tank	OAC rule 3745-31-05 (PTI 16-1515)	1.0 tpy organic compounds (OC) 1.0 lb of OC per 1000 gallons throughput See A.2.a below.
	OAC rule 3745-21-09(L)(2)	exempt (See A.2.b below.)

- 2. **Additional Terms and Conditions**
 - (a) This tank shall employ submerged filling.
This tank is exempt from the requirements of OAC rule 745-21-09(L)(1) because it has a capacity of less than 40,000 gallons.

- B. **Operational Restrictions**
 - 1. None
- C. **Monitoring and/or Record Keeping Requirements**
 - 1. The permittee shall maintain records of the daily throughput, in gallons, for the tank.
- D. **Reporting Requirements**
 - 1. None

E. Testing Requirements

1. Compliance with the emission limitations in section A.1. of these terms and conditions shall be determined in accordance with the following method:
Emission Limitation:
1.0 tpy of OC
1.0 lb of OC per 1000 gallons throughput
Applicable Compliance Method:
If required, the permittee shall demonstrate compliance using the records kept as a requirement of section C of these terms and conditions and U.S. EPA's "Tanks Program 4.0," or the most recent version of this program.

F. Miscellaneous Requirements

1. None

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Facility ID: 1652050170 Emissions Unit ID: T005 Issuance type: Final State Permit To Operate

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Part II - Special Terms and Conditions

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

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

A. Applicable Emissions Limitations and/or Control Requirements

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
20,000 gallon underground diesel fuel storage tank	OAC rule 3745-31-05 (PTI 16-1515)	0.5 tpy of organic compounds (OC) 2.0 lb of OC per 1000 gallons throughput See A.2.a below.
	OAC rule 3745-21-09(L)(2)	exempt (See A.2.b below.)

2. **Additional Terms and Conditions**
 - (a) This tank shall employ submerged filling.
This tank is exempt from the requirements of OAC rule 745-21-09(L)(1) because it has a capacity of less than 40,000 gallons.

B. Operational Restrictions

1. None

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain daily records of throughput, in gallons, for the tank.

D. Reporting Requirements

1. None

E. Testing Requirements

1. Compliance with the emission limitations in section A.1 of these terms and conditions shall be determined in accordance with the following method:
Emission Limitation:
0.5 tpy of OC
2.0 lb of OC per 1000 gallons throughput
Applicable Compliance Method:

If required, the permittee shall demonstrate compliance using the records kept as a requirement of section C of these terms and conditions and U.S. EPA's "Tanks Program 4.0," or the most recent version of this program.

F. Miscellaneous Requirements

- 1. None

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Facility ID: 1652050170 Emissions Unit ID: T006 Issuance type: Final State Permit To Operate

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Part II - Special Terms and Conditions

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

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

A. Applicable Emissions Limitations and/or Control Requirements

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
20,000 gallon underground gasoline storage tank	OAC rule 3745-31-05 (PTI 16-1515)	2.0 tpy of organic compounds (OC)
		14.0 lb of OC per 1000 gallons of throughput
	OAC rule 3745-21-09(L)(2)	exempt (See A.2.a below.)
	OAC rule 374-21-09(P)	See A.2.b and A.2.c below.
	OAC rule 3745-21-09(R)	See A.2.d and A.2.e below.

2. Additional Terms and Conditions

- (a) This tank is exempt from the requirements of OAC rule 745-21-09(L)(1) because it has a capacity of less than 40,000 gallons.
 For any transfer of gasoline from a delivery vessel to a stationary storage tank located at the bulk gasoline plant, the vapors displaced from the stationary storage tank shall be processed by a vapor balance system which is equipped with a vapor tight vapor line from the stationary storage tank to the delivery vessel and a means to ensure that the vapor line is connected before gasoline can be transferred and which is designed and operated to route at least 90% by weight of the VOC in the displaced vapors to the delivery vessel.
 All gasoline loading lines, unloading lines and vapor lines shall be equipped with fittings which are vapor tight.
 Each stationary storage tank which stores gasoline at the gasoline dispensing facility shall be equipped with submerged fill pipe.
 For any transfer of gasoline from a delivery vessel to a stationary storage tank located at the gasoline dispensing facility, the vapors displaced from the stationary storage tank shall be processed by a vapor balance system which is designed and operated to route at least 90% by weight of the VOC in the displaced vapors to the delivery vessel and which is equipped with a means to prevent the discharge of displaced vapors from an unconnected vapor line.

B. Operational Restrictions

- 1. For the vapor balance system, the permittee shall employ the following operational practices:
 - a. the vapor balance system shall be kept in good working order and shall be used at all times during the transfer of gasoline;
 - b. the delivery vessel hatches shall be closed at all times during the loading of the delivery vessels;
 - c. there shall be no leaks in the delivery vessel pressure/vacuum relief valves and hatch covers;
 - d. there shall be no leaks in the vapor and liquid lines during the transfer of gasoline; and
 - e. the pressure relief valves on the stationary storage tanks and delivery vessels shall be set to release at no less than 0.7 psig or the highest possible pressure in accordance with State or local fire codes, or the "National

Fire Prevention Association" guidelines.

2. The permittee shall not permit gasoline to be spilled, discarded in sewers, stored in open containers or handled in any other manner that would result in evaporation.
3. The permittee shall repair, within 15 days, any leak from the vapor balance system when such leak is equal to or greater than 100% of the lower explosive limit expressed as propane, as determined under paragraph (K) of rule 3745-21-10 of the Administrative Code.
4. No gasoline tank truck is to be used for the transfer of gasoline to any stationary storage tank equipped with a vapor balance system unless that truck is also equipped with a vapor balance system.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain records of the results of any leak checks, including, at a minimum, the following information:
 - a. date of inspection;
 - b. findings (may indicate no leaks were discovered or the location, nature, and severity of each leak);
 - c. leak determination method;
 - d. corrective action (date each leak repaired and reasons for any repair interval in excess of 15 calendar days); and
 - e. inspector's name and signature.

D. Reporting Requirements

1. Any leaks in vapor or liquid lines that are not repaired within 15 days after identification shall be reported to the Director (the appropriate District Office or local air agency) within 30 days after the repair is completed.

E. Testing Requirements

1. Compliance with the emission limitations in section A.1 of these terms and conditions shall be determined in accordance with the following method:
Emission Limitation:

2.0 tpy of OC

14.0 lb of OC per 1000 gallons throughput

Applicable Compliance Method:

If required, the permittee shall demonstrate compliance using the records kept as a requirement of section C of these terms and conditions and U.S. EPA's "Tanks Program 4.0," or the most recent version of this program.

F. Miscellaneous Requirements

1. None

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Facility ID: 1652050170 Emissions Unit ID: T007 Issuance type: Final State Permit To Operate

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Part II - Special Terms and Conditions

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

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

A. Applicable Emissions Limitations and/or Control Requirements

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
12,000 gal. underground gasoline storage tank	OAC rule 3745-31-05 (PTI #16-1515)	2.0 TPY organic materials 14.0 lb/1000 gal. organic materials

OAC 3745-21-09(L)(2) exempt (See A.2.a below.)

OAC rule 374-21-09(P) See A.2.b and A.2.c below.

OAC rule 3745-21-09(R) See A.2.d and A.2.e below.

2. Additional Terms and Conditions

- (a) In accordance with OAC rule 3745-21-09(L)(2), this storage tank is exempt from the requirements of OAC rule 3745-21-09(L)(1) because the tank has a capacity of less than 40,000 gallons. For any transfer of gasoline from a delivery vessel to a stationary storage tank located at the bulk gasoline plant, the vapors displaced from the stationary storage tank shall be processed by a vapor balance system which is equipped with a vapor tight vapor line from the stationary storage tank to the delivery vessel and a means to ensure that the vapor line is connected before gasoline can be transferred and which is designed and operated to route at least 90 percent by weight of the VOC in the displaced vapors to the delivery vessel.

(This paragraph is not applicable to any stationary storage tank which is equipped with either an internal floating roof or external floating roof.)

All gasoline loading lines, unloading lines and vapor lines shall be equipped with fittings which are vapor tight.

Each stationary storage tank which stores gasoline at the gasoline dispensing facility shall be equipped with submerged fill pipe.

For any transfer of gasoline from a delivery vessel to a stationary storage tank located at the gasoline dispensing facility, the vapors displaced from the stationary storage tank shall be processed by a vapor balance system which is designed and operated to route at least ninety percent by weight of the VOC in the displaced vapors to the delivery vessel and which is equipped with a means to prevent the discharge of displaced vapors from an unconnected vapor line.

B. Operational Restrictions

1. For the vapor balance system, the permittee shall employ the following operational practices:
 - a. the vapor balance system shall be kept in good working order and shall be used at all times during the transfer of gasoline;
 - b. the delivery vessel hatches shall be closed at all times during the loading of the delivery vessels;
 - c. there shall be no leaks in the delivery vessel pressure/vacuum relief valves and hatch covers;
 - d. there shall be no leaks in the vapor and liquid lines during the transfer of gasoline; and
 - e. the pressure relief valves on the stationary storage tanks and delivery vessels shall be set to release at no less than 0.7 pounds per square inch gauge or the highest possible pressure (in accordance with State or local fire codes, or the "National Fire Prevention Association" guidelines).
2. The permittee shall not permit gasoline to be spilled, discarded in sewers, stored in open containers or handled in any other manner that would result in evaporation.
3. The permittee shall repair, within fifteen days, any leak from the vapor balance system when such leak is equal to or greater than one hundred percent of the lower explosive limit as propane, as determined under paragraph (K) of rule 3745-21-10 of the Administrative Code.
4. No gasoline tank truck is to be used for the transfer of gasoline to any stationary storage tank equipped with a vapor balance system unless that truck is also equipped with a vapor balance system.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain records of the results of any leak checks, including, at a minimum, the following information:
 - a. date of inspection;
 - b. findings (may indicate no leaks discovered or location, nature, and severity of each leak);
 - c. leak determination method;
 - d. corrective action (date each leak repaired and reasons for any repair interval in excess of fifteen calendar days); and
 - e. inspector's name and signature.

D. Reporting Requirements

1. Any leaks in vapor or liquid lines that are not repaired within fifteen days after identification shall be reported to the Director within thirty days after the repair is completed.

E. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.1. of these terms and conditions shall be determined in accordance with the following method(s):
 - Emission Limitation
 - 2.0 TPY organic materials
 - 14.0 lb/1000 gal. organic materials
 - Applicable Compliance Method

USEPA "Tanks Program 4.0" or the most recent version of this program

F. Miscellaneous Requirements

1. The owner/operator shall comply with any applicable state and federal requirements governing the storage, treatment, transport and disposal of any waste material generated by the operation of the sources.
2. The permittee is hereby notified that this permit, and all agency records concerning the operation of this permitted emissions unit, are subject to public disclosure in accordance with OAC rule 3745-49-03.

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Part II - Special Terms and Conditions

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

A. Applicable Emissions Limitations and/or Control Requirements

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
12,000 gal. underground gasoline storage tank	OAC rule 3745-31-05 (PTI #16-1515)	2.0 TPY organic materials
		14.0 lb/1000 gal. organic materials
	OAC 3745-21-09(L)(2)	exempt (See A.2.a below.)
	OAC rule 374-21-09(P)	See A.2.b and A.2.c below.
	OAC rule 3745-21-09(R)	See A.2.d and A.2.e below.

2. Additional Terms and Conditions

- (a) In accordance with OAC rule 3745-21-09(L)(2), this storage tank is exempt from the requirements of OAC rule 3745-21-09(L)(1) because the tank has a capacity of less than 40,000 gallons. For any transfer of gasoline from a delivery vessel to a stationary storage tank located at the bulk gasoline plant, the vapors displaced from the stationary storage tank shall be processed by a vapor balance system which is equipped with a vapor tight vapor line from the stationary storage tank to the delivery vessel and a means to ensure that the vapor line is connected before gasoline can be transferred and which is designed and operated to route at least 90 percent by weight of the VOC in the displaced vapors to the delivery vessel.

(This paragraph is not applicable to any stationary storage tank which is equipped with either an internal floating roof or external floating roof.)

All gasoline loading lines, unloading lines and vapor lines shall be equipped with fittings which are vapor tight.

Each stationary storage tank which stores gasoline at the gasoline dispensing facility shall be equipped with submerged fill pipe.

For any transfer of gasoline from a delivery vessel to a stationary storage tank located at the gasoline dispensing facility, the vapors displaced from the stationary storage tank shall be processed by a vapor balance system which is designed and operated to route at least ninety percent by weight of the VOC in the displaced vapors to the delivery vessel and which is equipped with a means to prevent the discharge of displaced vapors from an unconnected vapor line.

B. Operational Restrictions

1. For the vapor balance system, the permittee shall employ the following operational practices:
 - a. the vapor balance system shall be kept in good working order and shall be used at all times during the transfer of gasoline;
 - b. the delivery vessel hatches shall be closed at all times during the loading of the delivery vessels;

- c. there shall be no leaks in the delivery vessel pressure/vacuum relief valves and hatch covers;
 - d. there shall be no leaks in the vapor and liquid lines during the transfer of gasoline; and
 - e. the pressure relief valves on the stationary storage tanks and delivery vessels shall be set to release at no less than 0.7 pounds per square inch gauge or the highest possible pressure (in accordance with State or local fire codes, or the "National Fire Prevention Association" guidelines).
- 2. The permittee shall not permit gasoline to be spilled, discarded in sewers, stored in open containers or handled in any other manner that would result in evaporation.
- 3. The permittee shall repair, within fifteen days, any leak from the vapor balance system when such leak is equal to or greater than one hundred percent of the lower explosive limit as propane, as determined under paragraph (K) of rule 3745-21-10 of the Administrative Code.
- 4. No gasoline tank truck is to be used for the transfer of gasoline to any stationary storage tank equipped with a vapor balance system unless that truck is also equipped with a vapor balance system.
- C. **Monitoring and/or Record Keeping Requirements**
 - 1. The permittee shall maintain records of the results of any leak checks, including, at a minimum, the following information:
 - a. date of inspection;
 - b. findings (may indicate no leaks discovered or location, nature, and severity of each leak);
 - c. leak determination method;
 - d. corrective action (date each leak repaired and reasons for any repair interval in excess of fifteen calendar days); and
 - e. inspector's name and signature.
- D. **Reporting Requirements**
 - 1. Any leaks in vapor or liquid lines that are not repaired within fifteen days after identification shall be reported to the Director within thirty days after the repair is completed.
- E. **Testing Requirements**
 - 1. Compliance with the emission limitation(s) in Section A.1. of these terms and conditions shall be determined in accordance with the following method(s):
 - Emission Limitation
 - 2.0 TPY organic materials
 - 14.0 lb/1000 gal. organic materials
 - Applicable Compliance Method
 - USEPA "Tanks Program 4.0" or the most recent version of this program
- F. **Miscellaneous Requirements**
 - 1. The owner/operator shall comply with any applicable state and federal requirements governing the storage, treatment, transport and disposal of any waste material generated by the operation of the sources.
 - 2. The permittee is hereby notified that this permit, and all agency records concerning the operation of this permitted emissions unit, are subject to public disclosure in accordance with OAC rule 3745-49-03.