

Facility ID: 1677010999 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.

- [Go to Part II for Emissions Unit P036](#)
- [Go to Part II for Emissions Unit P037](#)
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Facility ID: 1677010999 Emissions Unit ID: P036 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>
11 ft. carbon processing furnace controlled with a thermal incinerator	OAC Rule 3745-31-05 PTI 16-1531	2.47 lbs/hr and 10.82 tpy of organic material This emissions unit shall be controlled with a thermal incinerator with at least a 99 percent control efficiency. See A.2.a. below.

OAC Rule 3745-21-07(J)(2)

2. **Additional Terms and Conditions**
 - (a) The emission limitation based on this applicable rule is less stringent than the BAT requirements established under OAC Rule 3745-31-05 and PTI 16-1531.

B. Operational Restrictions

1. The average combustion temperature within the thermal incinerator, for any 3-hour block of time, shall be equal to or greater than 1750 degrees Fahrenheit.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall operate and maintain a continuous temperature monitor and recorder which measures and records the temperature of the exhaust gases from the thermal incinerator when the emissions unit is in operation. Units shall be in degrees Fahrenheit. The accuracy for each thermocouple, monitor, and recorder shall be guaranteed by the manufacturer to be within + 1 percent of the temperature being measured or + 5 degrees Fahrenheit, whichever is greater. The temperature monitor and recorder shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions and operating manuals.
2. The permittee shall collect and record the following information each day:
 - a. The average temperature of the exhaust gases from the thermal incinerator during each of the eight 3-hour blocks of time during the day.
 - b. A log or record of downtime for the capture (collection) system, control device and monitoring equipment, when the associated emissions unit is in operation.

D. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which identify all 3-hour blocks of time during which the average combustion temperature within the thermal incinerator, when the emissions unit was in operation, was less than 1750 degrees Fahrenheit.
2. The permittee shall submit quarterly summaries which include a log of the downtime for the capture (collection)

system, control device, and monitoring equipment, when the associated emissions unit was in operation.

3. The deviation reports shall be submitted in accordance with the requirements specified in The General Terms and Conditions.

E. Testing Requirements

1. Compliance with the emission limitations in Section A.I shall be determined in accordance with the following methods:

Emission Limitations:

2.47 lbs/hr of organic materials
99 percent control efficiency

Applicable Compliance Methods:

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

- a. The emission testing shall be conducted within 6 months of the issuance of this permit.
- b. The emission testing shall be conducted to demonstrate compliance with the hourly organic material emission limitation and the control efficiency limitation for organic compounds.
- c. The following test method(s) shall be employed to demonstrate compliance with the control efficiency limitation: Method 25 of 40 CFR Part 60, Appendix A.
- d. The test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the appropriate Ohio EPA District Office or local air agency.

The control efficiency (i.e., the percent reduction in mass emissions between the inlet and outlet of the control system) shall be determined in accordance with the test methods and procedures specified in OAC rule 3745-21-10. The test methods and procedures selected shall be based on a consideration of the diversity of the organic species present and their total concentration, and on a consideration of the potential presence of interfering gases.

Emission Limitation:

10.8 tpy of organic materials

Applicable Compliance Method:

Compliance with the emission limitations can be assumed provided that the permittee complies with the hourly emission limitation.

2. Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the appropriate Ohio EPA District Office or local air agency. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA District Office's or local air agency's refusal to accept the results of the emission test(s).

Personnel from the appropriate Ohio EPA District Office or local air agency shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the appropriate Ohio EPA District Office or local air agency within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the appropriate Ohio EPA District Office or local air agency.

F. Miscellaneous Requirements

1. None

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Facility ID: 1677010999 Emissions Unit ID: P037 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>
11 ft. carbon processing furnace controlled with a thermal incinerator	OAC Rule 3745-31-05 PTI 16-1531	2.47 lbs/hr and 10.82 tpy of organic material. This emissions unit shall be controlled with a thermal incinerator with at least a 99 percent control efficiency. See A.2.a. below.

OAC Rule 3745-21-07(J)(2)

2. Additional Terms and Conditions

(a) The emission limitation based on this applicable rule is less stringent than the BAT requirements established under OAC Rule 3745-31-05 and PTI 16-1531.

B. Operational Restrictions

1. The average combustion temperature within the thermal incinerator, for any 3-hour block of time, shall be equal to or greater than 1750 degrees Fahrenheit.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall operate and maintain a continuous temperature monitor and recorder which measures and records the temperature of the exhaust gases from the thermal incinerator when the emissions unit is in operation. Units shall be in degrees Fahrenheit. The accuracy for each thermocouple, monitor, and recorder shall be guaranteed by the manufacturer to be within + 1 percent of the temperature being measured or + 5 degrees Fahrenheit, whichever is greater. The temperature monitor and recorder shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions and operating manuals.

2. The permittee shall collect and record the following information each day:

- a. The average temperature of the exhaust gases from the thermal incinerator during each of the eight 3-hour blocks of time during the day.
- b. A log or record of downtime for the capture (collection) system, control device, and monitoring equipment, when the associated emissions unit is in operation.

D. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which identify all 3-hour blocks of time during which the average combustion temperature within the thermal incinerator, when the emissions unit was in operation, was less than 1750 degrees Fahrenheit.

2. The permittee shall submit quarterly summaries which include a log of the downtime for the capture (collection) system, control device, and monitoring equipment, when the associated emissions unit was in operation.

3. The deviation reports shall be submitted in accordance with the requirements specified in The General Terms and Conditions.

E. Testing Requirements

1. Compliance with the emission limitations in Section A.I shall be determined in accordance with the following methods:
Emission Limitations:

2.47 lbs/hr of organic materials
99 percent destruction control efficiency

Applicable Compliance Methods:

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

- a. The emission testing shall be conducted within 6 months of the issuance of this permit.
- b. The emission testing shall be conducted to demonstrate compliance with hourly organic material emission limitation and the control efficiency limitation for organic compounds.
- c. The following test method(s) shall be employed to demonstrate compliance with the control efficiency limitation: Method 25 of 40 CFR Part 60, Appendix A
- d. The test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the appropriate Ohio EPA District Office or local air agency.

The control efficiency (i.e., the percent reduction in mass emissions between the inlet and outlet of the control system) shall be determined in accordance with the test methods and procedures specified in OAC rule 3745-

- 21-10. The test methods and procedures selected shall be based on a consideration of the diversity of the organic species present and their total concentration, and on a consideration of the potential presence of interfering gases.

Emission Limitation:

10.8 tpy of organic materials

Applicable Compliance Method:

Compliance with this emission limitation can be assumed provided that the permittee complies with the hourly emission limitation.

- 2. Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the appropriate Ohio EPA District Office or local air agency. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA District Office's or local air agency's refusal to accept the results of the emission test(s).

Personnel from the appropriate Ohio EPA District Office or local air agency shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the appropriate Ohio EPA District Office or local air agency within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the appropriate Ohio EPA District Office or local air agency.

F. Miscellaneous Requirements

- 1. None

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Facility ID: 1677010999 Emissions Unit ID: P038 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>
11 ft. carbon processing furnace controlled with a thermal incinerator	OAC Rule 3745-31-05 PTI 16-1531	2.47 lbs/hr and 10.82 tpy of organic material

This emissions unit shall be controlled with a thermal incinerator with at least a 99 percent control efficiency.

See A.2.a. below.

OAC Rule 3745-21-07(J)(2)

- 2. **Additional Terms and Conditions**
 - (a) The emission limitation based on this rule is less stringent than the BAT requirements established under OAC Rule 3745-31-05 and PTI 16-1531.

B. Operational Restrictions

- 1. The average combustion temperature within the thermal incinerator, for any 3-hour block of time, shall be equal to or greater than 1750 degrees Fahrenheit.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall operate and maintain a continuous temperature monitor and recorder which measures and records the temperature of the exhaust gases from the thermal incinerator when the emissions unit is in operation. Units shall be in degrees Fahrenheit. The accuracy for each thermocouple, monitor, and recorder shall be guaranteed by the manufacturer to be within + 1 percent of the temperature being measured or + 5 degrees Fahrenheit, whichever is greater. The temperature monitor and recorder shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions and operating manuals.
2. The permittee shall collect and record the following information each day:
 - a. The average temperature of the exhaust gases from the thermal incinerator during each of the eight 3-hour blocks of time during the day.
 - b. A log or record of downtime for the capture (collection) system, control device, and monitoring equipment, when the associated emissions unit is in operation.

D. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which identify all 3-hour blocks of time during which the average combustion temperature within the thermal incinerator, when the emissions unit was in operation, was less than 1750 degrees Fahrenheit.
2. The permittee shall submit quarterly summaries which include a log of the downtime for the capture (collection) system, control device, and monitoring equipment, when the associated emissions unit was in operation.
3. The deviation reports shall be submitted in accordance with the requirements specified in The General Terms and Conditions.

E. Testing Requirements

1. Compliance with the emission limitations in Section A.I shall be determined in accordance with the following methods:

Emission Limitations:

2.47 lbs/hr of organic materials
99 percent control efficiency

Applicable Compliance Methods:

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

 - a. The emission testing shall be conducted within 6 months of the issuance of this permit.
 - b. The emission testing shall be conducted to demonstrate compliance with hourly organic material emission limitation and the control efficiency limitation for organic compounds.
 - c. The following test method(s) shall be employed to demonstrate compliance with the overall control efficiency limitation: Method 25 of 40 CFR Part 60, Appendix A
 - d. The test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the appropriate Ohio EPA District Office or local air agency.

The control efficiency (i.e., the percent reduction in mass emissions between the inlet and outlet of the control system) shall be determined in accordance with the test methods and procedures specified in OAC rule 3745-21-10. The test methods and procedures selected shall be based on a consideration of the diversity of the organic species present and their total concentration, and on a consideration of the potential presence of interfering gases.

Emission Limitation:

10.8 tpy of organic materials

Applicable Compliance Method:

Compliance with this emission limitation can be assumed provided that the permittee complies with the hourly emission limitation.
 2. Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the appropriate Ohio EPA District Office or local air agency. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA District Office's or local air agency's refusal to accept the results of the emission test(s).
- Personnel from the appropriate Ohio EPA District Office or local air agency shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.
- A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the appropriate Ohio EPA District Office or local air agency within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the appropriate Ohio EPA District Office or local air agency.

F. Miscellaneous Requirements

1. None

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Facility ID: 1677010999 Emissions Unit ID: P039 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>
Accutherm Carbonization Furnace controlled with a thermal incinerator	OAC Rule 3745-31-05 PTI 16-1554	1.92 lbs/hr and 8.4 tpy of organic material. This emissions unit shall be controlled with a thermal incinerator with at least a 99 percent control efficiency. See A.2.a. below.

OAC Rule 3745-21-07(J)(2)

2. **Additional Terms and Conditions**
 - (a) The emissions limit based on this applicable rule is less stringent than the BAT requirements established under OAC Rule 3745-31-05 and PTI 16-1531.

B. Operational Restrictions

1. The average combustion temperature within the thermal incinerator, for any 3-hour block of time, shall be equal to or greater than 1750 degrees Fahrenheit.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall operate and maintain a continuous temperature monitor and recorder which measures and records the temperature of the exhaust gases from the thermal incinerator when the emissions unit is in operation. Units shall be in degrees Fahrenheit. The accuracy for each thermocouple, monitor, and recorder shall be guaranteed by the manufacturer to be within + 1 percent of the temperature being measured or + 5 degrees Fahrenheit, whichever is greater. The temperature monitor and recorder shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions and operating manuals.
2. The permittee shall collect and record the following information each day:
 - a. The average temperature of the exhaust gases from the thermal incinerator during each of the eight 3-hour blocks of time during the day.
 - b. A log or record of downtime for the capture (collection) system, control device, and monitoring equipment, when the associated emissions unit is in operation.

D. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which identify all 3-hour blocks of time during which the average combustion temperature within the thermal incinerator, when the emissions unit was in operation, was less than 1750 degrees Fahrenheit.
2. The permittee shall submit quarterly summaries which include a log of the downtime for the capture (collection) system, control device, and monitoring equipment, when the associated emissions unit was in operation.
3. The deviation reports shall be submitted in accordance with the requirements specified in The General Terms and Conditions.
4. Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the appropriate Ohio EPA District Office or local air agency. The "Intent to Test" notification shall describe in

detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA District Office's or local air agency's refusal to accept the results of the emission test(s).

Personnel from the appropriate Ohio EPA District Office or local air agency shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the appropriate Ohio EPA District Office or local air agency within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the appropriate Ohio EPA District Office or local air agency.

E. Testing Requirements

1. Compliance with the emission limitations in Section A.I shall be determined in accordance with the following methods:

Emission Limitations:

1.92 lbs/hr of organic materials
99 percent control efficiency

Applicable Compliance Methods:

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

- a. The emission testing shall be conducted within 6 months of the issuance of this permit.
- b. The emission testing shall be conducted to demonstrate compliance with hourly organic material emission limitation and the control efficiency limitation for organic compounds.
- c. The following test method(s) shall be employed to demonstrate compliance with the control efficiency limitation: Method 25 of 40 CFR Part 60, Appendix A
- d. The test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the appropriate Ohio EPA District Office or local air agency.

The control efficiency (i.e., the percent reduction in mass emissions between the inlet and outlet of the control system) shall be determined in accordance with the test methods and procedures specified in OAC rule 3745-21-10. The test methods and procedures selected shall be based on a consideration of the diversity of the organic species present and their total concentration, and on a consideration of the potential presence of interfering gases.

Emission Limitation:

8.4 tpy of organic materials

Applicable Compliance Method:

Compliance with the emission limitations can be assumed provided that the permittee complies with the hourly emission limitation.

F. Miscellaneous Requirements

1. None

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Facility ID: 1677010999 Emissions Unit ID: P041 Issuance type: Final State Permit To Operate

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Part II - Special Terms and Conditions

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

A. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall

not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
11 ft. carbon processing furnace with a thermal incinerator	OAC Rule 3745-31-05 PTI 16-1841	2.47 lbs/hr and 10.82 tons per year of organic material. See A.2.a. below.
	OAC Rule 3745-21-07(J)(2)	Less stringent than the BAT requirements established under OAC Rule 3745-31-05 and PTI 16-1841.

2. Additional Terms and Conditions

- (a) This emissions unit shall be controlled with a thermal incinerator with at least a 99 percent control efficiency.

B. Operational Restrictions

- 1. The average combustion temperature within the thermal incinerator, for any 3-hour block of time, shall be equal to or greater than 1750 degrees Fahrenheit.

C. Monitoring and/or Record Keeping Requirements

- 1. The permittee shall operate and maintain a continuous temperature monitor and recorder which measures and records the temperature of the exhaust gases from the thermal incinerator when the emissions unit is in operation. Units shall be in degrees Fahrenheit. The accuracy for each thermocouple, monitor, and recorder shall be guaranteed by the manufacturer to be within + 1 percent of the temperature being measured or + 5 degrees Fahrenheit, whichever is greater. The temperature monitor and recorder shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions and operating manuals.
- 2. The permittee shall collect and record the following information each day:
 - a. The average temperature of the exhaust gases from the thermal incinerator during each of the eight 3-hour blocks of time during the day.
 - b. A log or record of downtime for the capture (collection) system, control device, and monitoring equipment, when the associated emissions unit is in operation.

D. Reporting Requirements

- 1. The permittee shall submit deviation (excursion) reports which identify all 3-hour blocks of time during which the average combustion temperature within the thermal incinerator, when the emissions unit was in operation, was less than 1750 degrees Fahrenheit.
- 2. The permittee shall submit quarterly summaries which include a log of the downtime for the capture (collection) system, control device, and monitoring equipment, when the associated emissions unit was in operation.
- 3. The deviation reports shall be submitted in accordance with the requirements specified in The General Terms and Conditions.

E. Testing Requirements

- 1. Compliance with the emission limitations in Section A.I shall be determined in accordance with the following methods:
Emission Limitations:

2.47 pounds per hour organic materials
99 percent control efficiency

Applicable Compliance Methods:

The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:
 - a. The emission testing shall be conducted within 6 months of the issuance of this permit.
 - b. The emission testing shall be conducted to demonstrate compliance with the hourly organic material emission limitation and the control efficiency limitation for organic compounds.
 - c. The following test method(s) shall be employed to demonstrate compliance with the overall control efficiency limitation: Method 25 of 40 CFR Part 60, Appendix A.
 - d. The test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the appropriate Ohio EPA District Office or local air agency.

The control efficiency (i.e., the percent reduction in mass emissions between the inlet and outlet of the control system) shall be determined in accordance with the test methods and procedures specified in OAC rule 3745-21-10. The test methods and procedures selected shall be based on a consideration of the diversity of the organic species present and their total concentration, and on a consideration of the potential presence of interfering gases.

Emission Limitation:

10.8 tpy of organic materials.

Applicable Compliance Method:

Compliance with the emission limitation can be assumed provided that the permittee complies with the hourly emission limitation.

2. Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the appropriate Ohio EPA District Office or local air agency. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA District Office's or local air agency's refusal to accept the results of the emission test(s).

Personnel from the appropriate Ohio EPA District Office or local air agency shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the appropriate Ohio EPA District Office or local air agency within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the appropriate Ohio EPA District Office or local air agency.

F. Miscellaneous Requirements

1. None