

Facility ID: 0278040773 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 N001](#)

[Go to Part II for Emissions Unit N002](#)

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

Facility ID: 0278040773 Emissions Unit ID: N001 Issuance type: Final State Permit To Operate

[Go to the top of this document](#)

Part II - Special Terms and Conditions

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

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

A. Applicable Emissions Limitations and/or Control Requirements

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
N001 - burn off oven no. 1, metal parts cleaning by pyrolysis	OAC rule 3745-31-05(A)(3) PTI No. 02-16103	0.80 lb of particulate emissions/hr and 3.5 TPY of particulate emissions
	OAC rule 3745-17-09(B)	Visible particulate emissions shall not exceed 5% opacity, except for six minutes in any 60-minute period during which opacity shall not exceed 20%.
	OAC rule 3745-17-07(A)(1)	0.10 lb of particulate emissions/100 lbs of charge The visible particulate emission limitation in this rule is less stringent than that established pursuant to OAC rule 3745-31-05(A)(3).

2. **Additional Terms and Conditions**
 - (a) The annual particulate emission limitation specified above represents this emissions unit's potential to emit. Therefore, no annual records are required to determine compliance with this limitation.

B. Operational Restrictions

1. The afterburner must be operated at a temperature of at least 1,450 degrees Fahrenheit with a minimum of a one second retention time. The afterburner shall be pre-heated thirty minutes (or a time established during compliance testing) prior to ignition of charge and continued in use during the entire burn cycle.
2. The incinerator shall be operated only by personnel adequately trained to do so.
3. The afterburner chamber shall be inspected monthly and if build-up has occurred the chamber shall be cleaned.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall operate and maintain a continuous temperature monitor and recorder that measures and records the combustion temperature, in degrees Fahrenheit, of the afterburner when the emissions unit is in operation. The monitoring and recording device shall be capable of accurately measuring the desired parameter. The temperature monitor and recorder shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, with any modifications deemed necessary by the permittee. All temperature records shall be maintained by the permittee for a period of at least two years and shall be made available for inspection by Ohio EPA during normal business hours.

D. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that indicate the following:
 - a. all periods of time that the afterburner was not pre-heated thirty minutes (or a time established during compliance testing) prior to ignition of charge;
 - b. all periods of time that this emissions unit was operated while the combustion temperature of the afterburner was less than 1,450 degrees Fahrenheit; and
 - c. all months that the afterburner combustion chamber was not inspected.

These deviation reports shall be submitted in accordance with the requirements specified in the General Terms

and Conditions of this permit.

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-
5% opacity, except for six minutes in any 60 minute period during which opacity shall not exceed 20%

Applicable Compliance Method-
OAC rule 3745-17-03(B)(1), if requested.

Emission Limitation-
0.10 pound of particulate emissions(PE) per 100 pounds of material charged, 0.8 lb/hr of particulate emission (PE)

Applicable Compliance Method-
If required, compliance with the particulate emission limitation shall be determined through emission testing conducted in accordance with 40 CFR Part 60, Appendix A, Method 5.

Emission Limitation-
3.5 TPY of particulate emissions

Applicable Compliance Method-
Compliance with the annual particulate emission limitation specified above shall be assumed as long as compliance with the hourly particulate emission limitation is maintained.

F. Miscellaneous Requirements

1. None

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

Facility ID: 0278040773 Emissions Unit ID: N002 Issuance type: Final State Permit To Operate

[Go to the top of this document](#)

Part II - Special Terms and Conditions

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

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

A. Applicable Emissions Limitations and/or Control Requirements

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
N002 - burn off oven no. 2, metal parts cleaning by pyrolysis	OAC rule 3745-31-05(A)(3) PTI No. 02-16103	0.80 lb of particulate emissions/hr and 3.5 TPY of particulate emissions
	OAC rule 3745-17-09(B)	Visible particulate emissions shall not exceed 5% opacity, except for six minutes in any 60-minute period during which opacity shall not exceed 20%.
	OAC rule 3745-17-07(A)(1)	0.10 lb of particulate emissions/100 lbs of charge The visible particulate emission limitation in this rule is less stringent than that established pursuant to OAC rule 3745-31-05(A)(3).

2. Additional Terms and Conditions

- (a) The annual particulate emission limitation specified above represents this emissions unit's potential to emit. Therefore, no annual records are required to determine compliance with this limitation.

B. Operational Restrictions

1. The afterburner must be operated at a temperature of at least 1,450 degrees Fahrenheit with a minimum of a one second retention time. The afterburner shall be pre-heated thirty minutes (or a time established during compliance testing) prior to ignition of charge and continued in use during the entire burn cycle.

2. The incinerator shall be operated only by personnel adequately trained to do so.
 3. The afterburner chamber shall be inspected monthly and if build-up has occurred the chamber shall be cleaned.
- C. Monitoring and/or Record Keeping Requirements**
1. The permittee shall operate and maintain a continuous temperature monitor and recorder that measures and records the combustion temperature, in degrees Fahrenheit, of the afterburner when the emissions unit is in operation. The monitoring and recording device shall be capable of accurately measuring the desired parameter. The temperature monitor and recorder shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, with any modifications deemed necessary by the permittee. All temperature records shall be maintained by the permittee for a period of at least two years and shall be made available for inspection by Ohio EPA during normal business hours.
- D. Reporting Requirements**
1. The permittee shall submit quarterly deviation (excursion) reports that indicate the following:
 - a. all periods of time that the afterburner was not pre-heated thirty minutes (or a time established during compliance testing) prior to ignition of charge;
 - b. all periods of time that this emissions unit was operated while the combustion temperature of the afterburner was less than 1,450 degrees Fahrenheit; and
 - c. all months that the afterburner combustion chamber was not inspected.

These deviation reports shall be submitted in accordance with the requirements specified in the General Terms and Conditions of this permit.
- 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-
5% opacity, except for six minutes in any 60 minute period during which opacity shall not exceed 20%

Applicable Compliance Method-
OAC rule 3745-17-03(B)(1), if requested.

Emission Limitation-
0.10 pound of particulate emissions(PE) per 100 pounds of material charged, 0.8 lb/hr of particulate emission (PE)

Applicable Compliance Method-
If required, compliance with the particulate emission limitation shall be determined through emission testing conducted in accordance with 40 CFR Part 60, Appendix A, Method 5.

Emission Limitation-
3.5 TPY of particulate emissions

Applicable Compliance Method-
Compliance with the annual particulate emission limitation specified above shall be assumed as long as compliance with the hourly particulate emission limitation is maintained.
- F. Miscellaneous Requirements**
1. None