

Facility ID: 1677000120 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.

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

Facility ID: 1677000120 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>
ACE heat cleaning oven Model 230-RKG	OAC rule 3745-31-05	0.03 pound of particulate emissions (PE) per hour 0.13 ton of PE per year 0.04 pound of sulfur dioxide (SO2) per hour 0.18 ton of SO2 per year 0.05 pound of organic compounds (OC) per hour 0.22 ton of OC per year 0.05 pound of nitrogen oxides (NOx) per hour 0.22 ton of NOx per year 0.15 pound of carbon monoxide (CO) per hour 0.66 ton of CO per year 20% opacity as a six-minute average, except as provided by rule for the stack See A.2.a and A.2.b below.

OAC rule 3745-17-07(A)

OAC rule 3745-17-09

2. **Additional Terms and Conditions**
 - (a) This emissions unit, including all associated equipment and grounds, shall be designed, operated and maintained so as to prevent the emission of objectionable odors.
The emission limitation based on this applicable rule is less stringent than the limit established pursuant to OAC rule 3745-31-05.

B. Operational Restrictions

1. This emissions unit shall be fired with natural gas only.
2. The afterburner shall be maintained at a temperature of at least 1600 degrees Fahrenheit.
3. The permittee shall operate the incinerator in accordance with the manufacturer's recommendations.

C. Monitoring and/or Record Keeping Requirements

1. None

D. Reporting Requirements

1. None

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

0.03 pound of PE per hour
0.13 ton of PE per year

Applicable Compliance Method

Stack testing may be required in the future in accordance with the test method(s) and procedures in OAC rule 3745-17-03(B)(8).

Emission Limitation

0.04 pound of SO₂ per hour

Applicable Compliance Method

Multiply the sulfur dioxide emissions factor of 2.5 pound(s) of sulfur dioxide emissions per ton of solid waste burn (US EPA Fire 6.22 SCC 5-02-001-01) by the maximum hourly production rate.

Emission Limitation

0.18 ton of SO₂ per year

Applicable Compliance Method

Multiply the resulting pound(s) per hour from E.1.b above by 8760 hours per year, then divide by 2000.

Emission Limitation

0.05 pound of OC per hour

Applicable Compliance Method

Multiply the organic compounds emissions factor of 3.0 pound(s) of organic compounds emissions per ton of solid waste burn (US EPA Fire 6.22 SCC 5-02-001-01) by the maximum hourly production rate.

Emission Limitation

0.22 ton of OC per year

Applicable Compliance Method

Multiply the resulting pound(s) per hour from E.1.d above by 8760 hours per year, then divide by 2000.

Emission Limitation

0.05 pound of NO_x per hour

Applicable Compliance Method

Multiply the nitrogen oxide emissions factor of 3.0 pound(s) of nitrogen oxides emissions per ton of solid waste burn (US EPA Fire 6.22 SCC 5-02-001-01) by the maximum hourly production rate.

Emission Limitation

0.22 ton of NO_x per year

Applicable Compliance Method

Multiply the resulting pound(s) per hour from E.1.f above by 8760 hours per year, then divide by 2000.

Emission Limitation

0.15 pound of CO per hour

Applicable Compliance Method

Multiply the carbon monoxide emissions factor of 10.0 pound(s) of carbon monoxide emissions per ton of solid waste burn (US EPA Fire 6.22 SCC 5-02-001-01) by the maximum hourly production rate.

Emission Limitation

0.66 ton of CO per year

Applicable Compliance Method

Multiply the resulting pound(s) per hour from E.1.h above by 8760 hours per year, then divide by 2000.

Emission Limitation

20% opacity as a six-minute average, except as provided by rule for the stack

Applicable Compliance Method

OAC rule 3745-17-03(B)(1)
- F. **Miscellaneous Requirements**
 1. None