

Facility ID: 0812100417 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 N005](#)

[Go to Part II for Emissions Unit N006](#)

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Facility ID: 0812100417 Emissions Unit ID: N005 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>
Burn-off oven #5 with afterburner	OAC rule 3745-31-05(A)(3) PTI 08-1027	The particulate emissions (PE) from this emissions unit shall not exceed 0.10 pound of particulate/100 lbs salvageable material charged and 0.88 ton per year (TPY). The visible emissions opacity from this emissions unit shall not exceed 5% opacity as a 6-minute average.
	OAC rule 3745-17-09(B)	The requirements established pursuant to this rule also includes compliance with the requirements of OAC rule 3745-17-09(B). The PE from this emissions unit shall not exceed 0.10 lb PE/100 lbs.
	OAC rule 3745-17-07(A)(1)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
	OAC rule 3745-17-11	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

2. Additional Terms and Conditions

- (a) The annual PE limitation was established for PTI purposes to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to develop additional monitoring, record keeping and/or reporting requirements to ensure compliance with this limitation.

B. Operational Restrictions

1. The temperature of the afterburner of the controlled burn-off oven shall be 1350 degrees Fahrenheit or greater.

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, in degrees Fahrenheit, of the afterburner of the burn off oven. 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. The monitoring and recording devices shall be capable of accurately measuring the desired parameter.
2. The permittee shall maintain a log of all periods of time when the emissions unit is in operation and the afterburner temperature was less than 1350 degrees Fahrenheit.

D. Reporting Requirements

1. The permittee shall notify the Regional Air Pollution Control Agency (RAPCA) in writing of any record of deviation of the secondary combustion chamber temperature below 1350 degrees Fahrenheit, as well as the corrective action(s) taken. The notification shall include a copy of such record and shall be submitted to the RAPCA within 45 days after the deviation occurs.

E. Testing Requirements

1. Compliance with the emission limitations(s) in Section A.1. of these terms and conditions shall be determined in accordance with the following method(s):
 - Emission Limitation -
0.10 lb particulate matter/100 lbs salvageable material charged
 - Applicable Compliance Method -
Compliance with this allowable emission rate was determined through a stack test conducted on October 15, 1992 with an average particulate emission rate of 0.003 lb/100 lbs salvageable material charged. If additional tests are required, the emissions test shall be carried out in accordance with OAC rule 3745-17-03(B)(8).
 - Emission Limitation -
0.88 TPY particulate matter
 - Applicable Compliance Method -
Compliance with this emission limitation shall be determined by multiplying the maximum rated capacity of the emissions unit (200 pounds salvageable material/hour) times the allowable emission limit (0.10 pound particulate/100 pounds salvageable material charged) and the operating hours per year, divided by 2,000 pounds per ton.
 - Emission Limitation -
5% opacity as a 6-minute average
 - Applicable Compliance Method -
Compliance shall be determined through visible emission evaluations performed using the methods and procedures specified in Reference Method 9 of 40 CFR Part 60, Appendix A, and 40 CFR 60.675(c).

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>
Burn-off oven #5 with afterburner	OAC rule 3745-31-05(A)(3) PTI 08-1832	The particulate emissions (PE) from this emissions unit shall not exceed 0.10 pound of particulate/100 lbs salvageable material charged and 1.0 ton per year (TPY).
		The visible emissions opacity from this emissions unit shall not exceed 5% opacity as a 6-minute average.
	OAC rule 3745-17-09(B)	The requirements established pursuant to this rule also includes compliance with the requirements of OAC rule 3745-17-09(B).
	OAC rule 3745-17-07(A)(1)	The PE from this emissions unit shall not exceed 0.10 lb PE/100 lbs.
	OAC rule 3745-17-11	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
		The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

2. **Additional Terms and Conditions**

(a) None

B. Operational Restrictions

1. The temperature of the afterburner of the controlled burn-off oven shall be 1350 degrees Fahrenheit or greater.

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, in degrees Fahrenheit, of the afterburner of the burn off oven. 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. The monitoring and recording devices shall be capable of accurately measuring the desired parameter.
2. The permittee shall maintain a log of all periods of time when the emissions unit is in operation and the afterburner temperature was less than 1350 degrees Fahrenheit.

D. Reporting Requirements

1. The permittee shall notify the Regional Air Pollution Control Agency (RAPCA) in writing of any record of deviation of the secondary combustion chamber temperature below 1350 degrees Fahrenheit, as well as the corrective action(s) taken. The notification shall include a copy of such record and shall be submitted to the RAPCA within 45 days after the deviation occurs.

E. Testing Requirements

1. Compliance with the emission limitations(s) in Section A.1. of these terms and conditions shall be determined in accordance with the following method(s):
Emission Limitation -
0.10 lb particulate matter/100 lbs salvageable material charged

Applicable Compliance Method -
Compliance with this allowable emission rate was determined through a stack test conducted on November 13, 1992 with an average particulate emission rate of 0.017 lb/100 lbs salvageable material charged. If additional tests are required, the emissions test shall be carried out in accordance with OAC rule 3745-17-03(B)(8).
Emission Limitation -
1.0 TPY particulate matter

Applicable Compliance Method -
Compliance with this emission limitation shall be determined by multiplying the maximum rated capacity of the emissions unit (300 pounds salvageable material/hour) times the allowable emission limit (0.10 pound particulate/100 pounds salvageable material charged) and the operating hours per year, divided by 2,000 pounds per ton.
Emission Limitation -
5% opacity as a 6-minute average

Applicable Compliance Method -
Compliance shall be determined through visible emission evaluations performed using the methods and procedures specified in Reference Method 9 of 40 CFR Part 60, Appendix A, and 40 CFR 60.675(c).

F. Miscellaneous Requirements

1. None