

Facility ID: 0250110543 Issuance type: Title V Final Permit

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 III" and before "I. Applicable Emissions Limitations..." has been added to aid in document conversion, and was not part of the original issued permit.

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**Part II - Specific Facility Terms and Conditions**

**a State and Federally Enforceable Section**

1. None

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**b State Only Enforceable Section**

1. None

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- [Go to Part III for Emissions Unit N001](#)

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Part III - Terms and Conditions for Emissions Units

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Facility ID: 0250110543 Emissions Unit ID: K004 Issuance type: Title V Final Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. 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>
spray paint booth: mailbox coating line with washer, dry off oven and bake oven	OAC rule 3745-17-07(A)	Visible particulate emissions shall not exceed 20 percent opacity, as a six-minute average, except as provided by rule. Particulate emissions (PE): 0.551 lb/hr 3.5 lbs of volatile organic compounds (VOC) per gallon of coating, excluding water and exempt solvents See section A.I.2.a.  The requirements of this rule also include compliance with the requirements of OAC rules 3745-21-09(U)(1)(c), 3745-21-08(B), 3745-21-07(B) and 3745-23-06(B).  See section A.I.2.b. See section A.I.2.c.
	OAC rule 3745-17-11(B)(1)	
	OAC rule 3745-21-09(U)(1)(c)	
	OAC rule 3745-31-05(A)(3) (PTI No. 02-08753m1)	
	OAC rule 3745-21-08(B)	
	OAC rule 3745-21-07(B)	
	OAC rule 3745-23-06(B)	

2. Additional Terms and Conditions

- a. The following emission limits apply to the washer, dryoff oven and the bake oven only and not to the spray booth:
  - (a)
    - PE: 0.059 lb/hr, 0.26 TPY
    - SO2: 0.005 lb/hr, 0.02 TPY
    - NOx: 0.77 lb/hr, 3.37 TPY
    - CO: 0.65 lb/hr, 2.85 TPY
    - OC: 0.085 lb/hr, 0.37 TPY
  - b. The permittee has satisfied the "best available control techniques and operating practices" required pursuant to OAC rule 3745-21-08(B) by committing to comply with the best available technology requirements established pursuant to OAC rule 3745-31-05(A)(3).
 

On November 5, 2002, OAC rule 3745-21-08 was revised to delete paragraph (B); therefore, paragraph (B) is no longer part of the State regulations. However, that rule revision has not yet been submitted to U.S. EPA as a revision to Ohio's State Implementation Plan (SIP). Therefore, until the SIP revision occurs and the U.S. EPA approves the revisions to OAC rule 3745-21-08, the requirement to satisfy the "best available control techniques and operating practices" still exists as part of the federally-approved SIP for Ohio.
  - c. The permittee has satisfied the "latest available control techniques and operating practices" required pursuant to OAC rules 3745-21-07(B) and 3745-23-06(B) by committing to comply with the best available technology requirements established pursuant to OAC rule 3745-31-05(A)(3).

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**II. Operational Restrictions**

1. The permittee shall employ a dry exhaust filtration system while this emissions unit is in operation.  
(Authority for term: OAC rule 3745-77-07(A)(1))
2. The permittee shall burn only natural gas in the washer, dryoff oven and bake oven.  
(Authority for term: OAC rule 3745-77-07(A)(1))

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**III. Monitoring and/or Record Keeping Requirements**

1. The permittee shall collect and record the following information on a monthly basis for this emissions unit:
  - a. The name and identification number of each coating, as applied.
  - b. The VOC content of each coating (excluding water and exempt solvents), as applied.  
(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-21-09(B)(3)(f))
2. For each day during which the permittee burns a fuel other than natural gas, the permittee shall maintain a record of the type and quantity of fuel burned in the washer, dryoff oven and bake oven.  
(Authority for term: OAC rule 3745-77-07(C)(1))
3. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service when the emissions unit was in operation.  
(Authority for term: OAC rule 3745-77-07(C)(1))
4. The permittee shall collect and record the following information each month for the purpose of determining annual VOC emissions:
  - a. The name and identification of each cleanup material employed.
  - b. The number of gallons of each cleanup material employed.
  - c. The VOC content of each cleanup material, in pounds per gallon.
  - d. The total VOC emissions from all coatings and cleanup materials, in pounds or tons.  
(Authority for term: OAC rule 3745-77-07(C)(1))

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**IV. Reporting Requirements**

1. The permittee shall notify the director (the Ohio EPA, Northeast District Office) in writing of any monthly record showing the use of a noncomplying coating. The notification shall include a copy of such record and shall be sent to the director (the Ohio EPA, Northeast District Office) within 30 days following the end of the calendar month.  
(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-21-09(B)(3)(g))
2. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than natural gas was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.  
(Authority for term: OAC rule 3745-77-07(C)(1))
3. The permittee shall notify the director (the Ohio EPA, Northeast District Office) in writing of any daily record showing that the dry filtration system was not in service when the emissions unit was in operation. The notification shall include a copy of such record and shall be sent to the director (the Ohio EPA, Northeast District Office) within 30 days after the event occurs.  
(Authority for term: OAC rule 3745-77-07(C)(1))

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**V. Testing Requirements**

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

## 3.5 lbs VOC/gallon coating, excluding water and exempt solvents

## Applicable Compliance Method:

Compliance shall be based upon the record keeping requirements specified in Section A.III.1. In accordance with OAC rule 3745-21-04(B)(5), U.S. EPA Method 24 shall be used to determine the VOC contents of the coatings. If, pursuant to section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 cannot be used for a particular coating, the permittee shall so notify the Administrator of the U.S. EPA and shall use formulation data for that coating to demonstrate compliance until the U.S. EPA provides alternative analytical procedures or alternative precision statements for Method 24.

(Authority for term: OAC rule 3745-21-04(B)(5) and OAC rule 3745-77-07(C)(1))

## b. Emission Limitation:

0.551 lb/hour PE

## Applicable Compliance Method:

To determine the worst case particulate emissions rate, the following equation shall be used:

$E = \text{maximum coating solids usage (in pounds per hour)} \times (1-TE) \times (1-CE)$

E = particulate emissions rate (lbs/hr)

TE = transfer efficiency, which is the ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used.

CE = control efficiency of the control equipment

If required, compliance shall be determined by performing emission tests in accordance with U.S. EPA Methods 1 through 5.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-17-03(B)(10))

## c. Emission Limitation:

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

## Applicable Compliance Method:

Compliance shall be determined by visible emissions observations performed in accordance with U.S. EPA Reference Method 9 in 40 CFR, Part 60, Appendix A, and the procedures specified in OAC rule 3745-17-03(B)(1).

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-17-03(B)(1))

## d. Emission Limitation:

PE: 0.059 lb/hr, 0.26 TPY for the washer, dryoff oven and the bake oven only

## Applicable Compliance Method:

This emission limitation was based upon the emission factor from AP-42, "Compilation of Air Pollutant Emission Factors", 5th Edition, Section 1.4, Table 1.4-2 (7/98). Compliance may be demonstrated by dividing the 1.9 lbs PE/mmscf emission factor by 1,020 mmBtu/mmscf, and then multiplying by the maximum rated heat input capacity of the burners (7.9 mmBtu/hr). Compliance with the annual emission limitation may be demonstrated by multiplying the hourly emission rate by 8760 hours, and then dividing by 2000 lbs/ton.

If required, compliance shall be determined by performing emission tests in accordance with U.S. EPA Methods 1 through 5.

(Authority for term: OAC rule 3745-77-07(C)(1))

## e. Emission Limitation:

SO<sub>2</sub>: 0.005 lb/hr, 0.02 TPY for the washer, dryoff oven and the bake oven only

## Applicable Compliance Method:

This emission limitation was based upon the emission factor from AP-42, "Compilation of Air Pollutant Emission Factors", 5th Edition, Section 1.4, Table 1.4-2 (7/98). Compliance may be demonstrated by dividing the 0.6 lb SO<sub>2</sub>/mmscf emission factor by 1,020 mmBtu/mmscf, and then multiplying by the maximum rated heat input capacity of the burners (7.9 mmBtu/hr). Compliance with the annual emission limitation may be demonstrated by multiplying the hourly emission rate by 8760 hours, and then dividing by 2000 lbs/ton.

If required, compliance shall be determined by performing emission tests in accordance with U.S. EPA Methods 1 through 4, and 6.

(Authority for term: OAC rule 3745-77-07(C)(1))

## f. Emission Limitation:

NO<sub>x</sub>: 0.77 lb/hr, 3.37 TPY for the washer, dryoff oven and the bake oven only

## Applicable Compliance Method:

This emission limitation was based upon the emission factor from AP-42, "Compilation of Air Pollutant Emission Factors", 5th Edition, Section 1.4, Table 1.4-1 (7/98). Compliance may be demonstrated by

dividing the 100 lbs NOx/mmscf emission factor by 1,020 mmBtu/mmscf, and then multiplying by the maximum rated heat input capacity of the burners (7.9 mmBtu/hr). Compliance with the annual emission limitation may be demonstrated by multiplying the hourly emission rate by 8760 hours, and then dividing by 2000 lbs/ton.

If required, compliance shall be determined by performing emission tests in accordance with U.S. EPA Methods 1 through 4, and 7.

(Authority for term: OAC rule 3745-77-07(C)(1))

- g. Emission Limitation:  
CO: 0.65 lb/hr, 2.85 TPY for the washer, dryoff oven and the bake oven only

Applicable Compliance Method:  
This emission limitation was based upon the emission factor from AP-42, "Compilation of Air Pollutant Emission Factors", 5th Edition, Section 1.4, Table 1.4-1 (7/98). Compliance may be demonstrated by dividing the 84 lbs CO/mmscf emission factor by 1,020 mmBtu/mmscf, and then multiplying by the maximum rated heat input capacity of the burners (7.9 mmBtu/hr). Compliance with the annual emission limitation may be demonstrated by multiplying the hourly emission rate by 8760 hours, and then dividing by 2000 lbs/ton.

If required, compliance shall be determined by performing emission tests in accordance with U.S. EPA Methods 1 through 4, and 10.

(Authority for term: OAC rule 3745-77-07(C)(1))

- h. Emission Limitation:  
OC: 0.085 lb/hr, 0.37 TPY for the washer, dryoff oven and the bake oven only

Applicable Compliance Method:  
This emission limitation was based upon the emission factor from AP-42, "Compilation of Air Pollutant Emission Factors", 5th Edition, Section 1.4, Table 1.4-2 (7/98). Compliance may be demonstrated by dividing the 11 lbs OC/mmscf emission factor by 1,020 mmBtu/mmscf, and then multiplying by the maximum rated heat input capacity of the burners (7.9 mmBtu/hr). Compliance with the annual emission limitation may be demonstrated by multiplying the hourly emission rate by 8760 hours, and then dividing by 2000 lbs/ton.

If required, compliance shall be determined by performing emission tests in accordance with U.S. EPA Methods 1 through 4, and 25.

(Authority for term: OAC rule 3745-77-07(C)(1))

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VI. **Miscellaneous Requirements**

- 1. None

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Facility ID: 0250110543 Emissions Unit ID: K004 Issuance type: Title V Final Permit

**B. State Enforceable Section**

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

I. **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>
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2. **Additional Terms and Conditions**

- 1. None

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**II. Operational Restrictions**

- 1. None

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**III. Monitoring and/or Record Keeping Requirements**

- 1. None

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**IV. Reporting Requirements**

- 1. None

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**V. Testing Requirements**

- 1. None

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**VI. Miscellaneous Requirements**

- 1. None

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**Part III - Terms and Conditions for Emissions Units**

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**Facility ID: 0250110543 Emissions Unit ID: K005 Issuance type: Title V Final Permit**

**A. State and Federally Enforceable Section**

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

**I. 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>
green dip coating tank: fence post coating line	OAC rule 3745-21-09(U)(1)(c)	3.5 lbs of volatile organic compounds (VOC) per gallon of coating, excluding water and exempt solvents

See Section A.I.2.a.

**2. Additional Terms and Conditions**

- a. Each coating added to the dip tank shall comply with the VOC content limitation of 3.5 lbs of volatile organic compounds (VOC) per gallon of coating, excluding water and exempt solvents.

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**II. Operational Restrictions**

- 1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. The permittee shall collect and record the following information on a monthly basis for this emissions unit:
  - a. The name and identification number of each material added to the dip tank.
  - b. The VOC content of each material added to the dip tank (excluding water and exempt solvents).

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-21-09(B)(3)(f))

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IV. **Reporting Requirements**

1. The permittee shall notify the director (the Ohio EPA, Northeast District Office) in writing of any monthly record showing the use of a noncomplying material. The notification shall include a copy of such record and shall be sent to the director (the Ohio EPA, Northeast District Office) within 30 days following the end of the calendar month.

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-21-09(B)(3)(g))

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V. **Testing Requirements**

1. Compliance with the emission limitation specified in Section A.I. of these terms and conditions shall be determined in accordance with the following method:
  - a. Emission Limitation:
    - 3.5 lbs VOC/gallon coating, excluding water and exempt solvents

Applicable Compliance Method:

In accordance with OAC rule 3745-21-04(B)(5), U.S. EPA Method 24 shall be used to determine the VOC contents of the materials added to this emissions unit. If, pursuant to section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 cannot be used for a particular material, the permittee shall so notify the Administrator of the U.S. EPA and shall use formulation data for that material to demonstrate compliance until the U.S. EPA provides alternative analytical procedures or alternative precision statements for Method 24.

(Authority for term: OAC rule 3745-21-04(B)(5) and OAC rule 3745-77-07(C)(1))

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0250110543 Emissions Unit ID: K005 Issuance type: Title V Final Permit

**B. State Enforceable Section**

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **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.

**Applicable Emissions Limitations/Control**

**Operations, Property, and/or Equipment    Applicable Rules/Requirements    Measures**

2. **Additional Terms and Conditions**

1. None

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. None

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IV. **Reporting Requirements**

1. None

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V. **Testing Requirements**

1. None

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0250110543 Emissions Unit ID: K006 Issuance type: Title V Final Permit

**A. State and Federally Enforceable Section**

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **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>
brown dip coating tank: brown line	OAC rule 3745-21-09(U)(1)(c)	3.5 lbs of volatile organic compounds (VOC) per gallon of coating, excluding water and exempt solvents

See Section A.I.2.a.

2. **Additional Terms and Conditions**

a. Each coating added to the dip tank shall comply with the VOC content limitation of 3.5 lbs of volatile organic compounds (VOC) per gallon of coating, excluding water and exempt solvents.

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**II. Operational Restrictions**

1. None

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**III. Monitoring and/or Record Keeping Requirements**

1. The permittee shall collect and record the following information on a monthly basis for this emissions unit:
  - a. The name and identification number of each material added to the dip tank.
  - b. The VOC content of each material added to the dip tank (excluding water and exempt solvents).

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-21-09(B)(3)(f))

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**IV. Reporting Requirements**

1. The permittee shall notify the director (the Ohio EPA, Northeast District Office) in writing of any monthly record showing the use of a noncomplying material. The notification shall include a copy of such record and shall be sent to the director (the Ohio EPA, Northeast District Office) within 30 days following the end of the calendar month.
 

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-21-09(B)(3)(g))

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**V. Testing Requirements**

1. Compliance with the emission limitation specified in Section A.I. of these terms and conditions shall be determined in accordance with the following method:
  - a. Emission Limitation:
 

3.5 lbs VOC/gallon coating, excluding water and exempt solvents

Applicable Compliance Method:  
In accordance with OAC rule 3745-21-04(B)(5), U.S. EPA Method 24 shall be used to determine the VOC contents of the materials added to this emissions unit. If, pursuant to section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 cannot be used for a particular material, the permittee shall so notify the Administrator of the U.S. EPA and shall use formulation data for that material to demonstrate compliance until the U.S. EPA provides alternative analytical procedures or alternative precision statements for Method 24.

(Authority for term: OAC rule 3745-21-04(B)(5) and OAC rule 3745-77-07(C)(1))

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**VI. Miscellaneous Requirements**

1. None

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Facility ID: 0250110543 Emissions Unit ID: K006 Issuance type: Title V Final Permit

**B. State Enforceable Section**

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

**I. 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>
<b>2. Additional Terms and Conditions</b>		
1. None		

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**II. Operational Restrictions**

1. None

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**III. Monitoring and/or Record Keeping Requirements**

1. None

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**IV. Reporting Requirements**

1. None

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**V. Testing Requirements**

1. None

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**VI. Miscellaneous Requirements**

1. None

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**Part III - Terms and Conditions for Emissions Units**

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**Facility ID: 0250110543 Emissions Unit ID: N001 Issuance type: Title V Final Permit**

**A. State and Federally Enforceable Section**

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

**I. 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: hook cleaning oven with afterburner	OAC rule 3745-17-07(A)	Visible particulate emissions shall not exceed 20 percent opacity, as a six-minute average, except as provided by rule.
	OAC rule 3745-17-09	0.10 lb of PE per 100 lbs of material charged
	OAC rule 3745-31-05(A)(3)	PE: 0.02 ton/year

(PTI No. 02-4058)

The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07(A) and 3745-17-09.

2. **Additional Terms and Conditions**

- (a) None

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II. **Operational Restrictions**

1. The afterburner shall be operated according to the manufacturer's recommendations at all times while this emissions unit is in operation.

(Authority for term: OAC rule 3745-77-07(A)(1))

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III. **Monitoring and/or Record Keeping Requirements**

1. The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:

- a. the color of the emissions;
- b. whether the emissions are representative of normal operations;
- c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
- d. the total duration of any visible emission incident; and
- e. any corrective actions taken to eliminate the visible emissions.

(Authority for term: OAC rule 3745-77-07(C)(1))

2. The permittee shall operate and maintain a continuous temperature monitor that measures the combustion temperature within the afterburner when the emissions unit is in operation. Units shall be in degrees Fahrenheit. The monitoring device shall be capable of accurately measuring the desired parameter. The temperature monitor shall be calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions and operating manuals.

The permittee shall collect and record each day the temperature within the afterburner when the emissions unit is in operation.

(Authority for term: OAC rule 3745-77-07(C)(1))

3. The permittee shall collect and record each day in a log or record book the downtime for the capture (collection) system, control device, and monitoring equipment, when the associated emissions unit was in operation.

(Authority for term: OAC rule 3745-77-07(C)(1))

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IV. **Reporting Requirements**

1. The permittee shall submit semiannual written reports that (a) identify all days during which any visible particulate emissions were observed from the stack serving this emissions unit and (b) describe any corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted to the director (the Ohio EPA, Northeast District Office) by January 31 and July 31 of each year and shall cover the previous 6-month period.

(Authority for term: OAC rule 3745-77-07(C)(1))

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V. **Testing Requirements**

1. Compliance with the emission limitations specified in Section A.I.1 of these terms and conditions shall be determined in accordance with the following methods:

- a. Emission Limitation:  
0.10 lb PE per 100 lbs of material charged

Applicable Compliance Method:

If required, compliance shall be demonstrated by performing emission testing in accordance with 40

CFR, Part 60, Appendix A, Methods 1 through 5, and the procedures specified in OAC rule 3745-17-03(B)(8).

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-17-03(B)(8))

- b. Emission Limitation:  
20% opacity, as a 6-minute average

Applicable Compliance Method:  
Compliance shall be determined by performing visible emissions observations in accordance with U.S. EPA Reference Method 9 in 40 CFR, Part 60, Appendix A, and the procedures specified in OAC rule 3745-17-03(B)(1).

(Authority for term: OAC rule 3745-77-07(C)(1) and OAC rule 3745-17-03(B)(1))

- c. Emission Limitation:  
0.02 ton/year of PE

Applicable Compliance Method:  
This limit was developed by multiplying the rated capacity of this emissions unit times the allowable emission limit of 0.10 lb of particulate emissions/100 lbs of material charged and times the maximum operating schedule of 8760 hours per year, and then dividing by 2000 lbs/ton. Therefore, provided compliance is maintained for the allowable lb/100 lbs limitation, compliance with the annual limitation will be ensured.

(Authority for term: OAC rule 3745-77-07(C)(1))

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VI. **Miscellaneous Requirements**

- 1. None

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Facility ID: 0250110543 Emissions Unit ID: N001 Issuance type: Title V Final Permit

**B. State Enforceable Section**

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

I. **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>
2. <b>Additional Terms and Conditions</b>			
1.	None		

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II. **Operational Restrictions**

- 1. None

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III. **Monitoring and/or Record Keeping Requirements**

- 1. None

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IV. **Reporting Requirements**

1. None

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V. **Testing Requirements**

1. None

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VI. **Miscellaneous Requirements**

1. None