

Facility ID: 1677010986 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 K008](#)
- [Go to Part II for Emissions Unit K009](#)
- [Go to Part II for Emissions Unit K010](#)
- [Go to Part II for Emissions Unit K011](#)

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

Facility ID: 1677010986 Emissions Unit ID: K008 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>
miscellaneous metal parts coating line with cure oven, cleanup performed separately from this emissions unit	OAC rule 3745-31-05(A)(3) (PTI 16-02054)	Volatile organic compound (VOC) emissions shall not exceed 20.1 pounds/day and 3.67 tons/year.  The permittee shall employ properly installed and maintained spray booth exhaust fan filter elements to catch paint overspray at all times the emissions unit is in operation.  The requirements of OAC rule 3745-31-05(A)(3) also include compliance with the requirements of OAC rule 3745-21-09(U)(2)(e)(ii).
	OAC rule 3745-21-09(U)(2)(e)(ii)	VOC emission exemption, based on maximum daily coating usage not exceeding 3 gallons of coating in any one day.

2. **Additional Terms and Conditions**
  - (a) None

**B. Operational Restrictions**

1. The permittee shall employ no more than three gallons of coatings in any one day in this emissions unit.
2. The permittee shall not perform any cleanup in this emissions unit. Any necessary cleanup shall take place in an operation separate from this emissions unit.

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

1. The permittee shall collect and record the following information each day for the coating line:
  - a. The name and identification number of each coating employed.
  - b. The VOC content of each coating, as applied, in pounds per gallon.
  - c. The volume of each coating, as applied, in gallons.
  - d. The total volume of all coatings, as applied, in gallons.
  - e. The total VOC emissions from all coatings, as applied, in pounds, i.e., (sum of [b x c] for all coatings).

[Note: Formulation data may be used to determine the VOC content of each coating, after any final thinning.]

**D. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which identify each day during which the VOC emissions from all coatings employed exceeded the allowable daily VOC emissions rate of 20.1 pounds/day.

2. The permittee shall notify the Director (the appropriate Ohio EPA District Office or local air agency) in writing of any daily record showing that the coating line employs more than the applicable maximum daily coating usage limit. The notification shall include a copy of such record and shall be sent to the Director (the appropriate Ohio EPA District Office or local air agency) within 45 days after the exceedance occurs.
3. The deviation reports shall be submitted in accordance with the requirements specified in Part I - General Term and Condition 2 of this permit.

**E. Testing Requirements**

1. Compliance with the emissions limitations in Section A.1 of these special terms and conditions shall be determined in accordance with the following methods:  
Emission Limitations: Volatile organic compound (VOC) emissions shall not exceed 20.1 pounds/day and 3.67 tons/year.  
  
Applicable Compliance Method: Compliance shall be based upon the record keeping requirements specified in Section C.1 above.

**F. Miscellaneous Requirements**

1. Modeling to demonstrate compliance with the "Toxic Air Contaminant Statute" in ORC 3704.03(F)(4)(b) was not necessary because the emissions unit's maximum annual emissions for each toxic air contaminant, as defined in OAC rule 3745-114-01, will be less than 1.0 ton per year. OAC Chapter 3745-31 requires permittees to apply for and obtain a new or modified permit to install prior to making a "modification" as defined by OAC rule 3745-31-01. The permittee is hereby advised that changes in the composition of the materials, or use of new materials, that would cause the emissions of any toxic air contaminant to increase to above 1.0 ton per year may require the permittee to apply for and obtain a new permit to install.

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

Facility ID: 1677010986 Emissions Unit ID: K009 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>
miscellaneous metal parts coating line with cure oven, cleanup performed separately from this emissions unit	OAC rule 3745-31-05(A)(3) (PTI 16-02054)	Volatile organic compound (VOC) emissions shall not exceed 17.1 pounds/day and 3.13 tons/year.  The permittee shall employ properly installed and maintained spray booth exhaust fan filter elements to catch paint overspray at all times the emissions unit is in operation.  The requirements of OAC rule 3745-31-05(A)(3) also include compliance with the requirements of OAC rule 3745-21-09(U)(2)(e)(ii).
	OAC rule 3745-21-09(U)(2)(e)(ii)	VOC emission exemption, based on maximum daily coating usage not exceeding 3 gallons of coating in any one day.

2. **Additional Terms and Conditions**
  - (a) None

**B. Operational Restrictions**

1. The permittee shall employ no more than three gallons of coatings in any one day in this emissions unit.
2. The permittee shall not perform any cleanup in this emissions unit. Any necessary cleanup shall take place in an operation separate from this emissions unit.

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

1. The permittee shall collect and record the following information each day for the coating line:
  - a. The name and identification number of each coating employed.
  - b. The VOC content of each coating, as applied, in pounds per gallon.
  - c. The volume of each coating, as applied, in gallons.
  - d. The total volume of all coatings, as applied, in gallons.
  - e. The total VOC emissions from all coatings, as applied, in pounds, i.e., (sum of [b x c] for all coatings).

[Note: Formulation data may be used to determine the VOC content of each coating, after any final thinning.]

**D. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which identify each day during which the VOC emissions from all coatings employed exceeded the allowable daily VOC emissions rate of 20.1 pounds/day.
2. The permittee shall notify the Director (the appropriate Ohio EPA District Office or local air agency) in writing of any daily record showing that the coating line employs more than the applicable maximum daily coating usage limit. The notification shall include a copy of such record and shall be sent to the Director (the appropriate Ohio EPA District Office or local air agency) within 45 days after the exceedance occurs.
3. The deviation reports shall be submitted in accordance with the requirements specified in Part I - General Term and Condition 2 of this permit.

**E. Testing Requirements**

1. Compliance with the emissions limitations in Section A.1 of these special terms and conditions shall be determined in accordance with the following methods:  
Emission Limitations: Volatile organic compound (VOC) emissions shall not exceed 17.1 pounds/day and 3.13 tons/year.

Applicable Compliance Method: Compliance shall be based upon the record keeping requirements specified in Section C.1 above.

**F. Miscellaneous Requirements**

1. Modeling to demonstrate compliance with the "Toxic Air Contaminant Statute" in ORC 3704.03(F)(4)(b) was not necessary because the emissions unit's maximum annual emissions for each toxic air contaminant, as defined in OAC rule 3745-114-01, will be less than 1.0 ton per year. OAC Chapter 3745-31 requires permittees to apply for and obtain a new or modified permit to install prior to making a "modification" as defined by OAC rule 3745-31-01. The permittee is hereby advised that changes in the composition of the materials, or use of new materials, that would cause the emissions of any toxic air contaminant to increase to above 1.0 ton per year may require the permittee to apply for and obtain a new permit to install.

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

Facility ID: 1677010986 Emissions Unit ID: K010 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>
miscellaneous metal parts coating line with cure oven, cleanup performed separately from this emissions unit	OAC rule 3745-31-05(A)(3) (PTI 16-02127)	Volatile organic compound (VOC) emissions shall not exceed 1.0 pounds/hour and 4.4 tons/year.  The permittee shall employ properly installed and maintained spray booth exhaust fan filter elements to

catch paint overspray at all times the emissions unit is in operation.

The requirements of OAC rule 3745-31-05(A)(3) also include compliance with the requirements of OAC rule 3745-21-09(U)(1)(c).

OAC rule 3745-21-09(U)(1)(c)

3.5 pounds of VOCs per gallon of coating, excluding water and exempt solvents, for an extreme performance coating (daily volume-weighted average)

**2. Additional Terms and Conditions**

- (a) The above hourly and yearly VOC emission limits established pursuant to OAC rule 3745-31-05(A)(3) are based on the potential to emit for this emissions unit, as determined from permit application data. Therefore, no recordkeeping, reporting, nor emissions calculations are required to demonstrate compliance with these emission limits. However, if any proposed change(s), such as with coating formulations, thinning or reducing ratios, maximum coating application rate capacity, etc., or any other change(s), increase(s) the emissions unit's potential to emit, then the permittee shall apply for and obtain either a modification to the permit to install or a new final permit to install prior to the change(s).

**B. Operational Restrictions**

1. The permittee shall be restricted to coating only miscellaneous metal parts or products. No other types of parts or products shall be coated in this emissions unit.
2. The permittee shall not perform any cleanup in this emissions unit. Any necessary cleanup shall take place in an operation separate from this emissions unit.

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

1. The permittee shall collect and record the following information each day for the line:
  - a. The name and identification number of each coating, as applied.
  - b. The VOC content (excluding water and exempt solvents) and the number of gallons (excluding water and exempt solvents) of each coating, as applied.
  - c. The daily volume-weighted average VOC content of all coatings, as applied, calculated in accordance with the equation specified in paragraph (B)(9) of OAC rule 3745-21-10 for CVOC,2.
2. The permittee shall document the following incidents each day for the line:
  - a. Spray booth exhaust fan filter elements not properly employed.
  - b. Cleanup performed in this emissions unit.
  - c. Coating other types of parts or products other than miscellaneous metal parts or products.

**D. Reporting Requirements**

1. The permittee shall notify the Director (the appropriate Ohio EPA District Office or local air agency) in writing of any daily record showing the use of noncomplying coatings. The notification shall include a copy of such record and shall be sent to the Director (the appropriate Ohio EPA District Office or local air agency) within 30 days following the end of the calendar month of the occurrence.
2. The permittee shall notify the Director (the appropriate Ohio EPA District Office or local air agency) in writing of any daily record showing any of the incidents documented above in section C.2. The notification shall include a copy of such record and shall be sent to the Director (the appropriate Ohio EPA District Office or local air agency) within 30 days following the end of the calendar month of the incident(s).

**E. Testing Requirements**

1. Compliance with the emissions limitations in Section A.1 of these special terms and conditions shall be determined in accordance with the following methods:  
Emission Limitation: 3.5 pounds of VOCs per gallon of coating, excluding water and exempt solvents, for an extreme performance coating (daily volume-weighted average)

Applicable Compliance Method: Compliance shall be based upon the record keeping requirements specified in Part II, section C.1 of these special terms and conditions. In accordance with OAC rule 3745-21-04(B)(5), USEPA 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 USEPA and shall use formulation data for that coating to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24.

Emission Limitations: Volatile organic compound (VOC) emissions shall not exceed 1.0 pounds/hour and 4.4 tons/year.

Applicable Compliance Method: The above VOC emission limitations are greater than the emission unit's potential to emit, as demonstrated below:

H = CV; and  
Y = H(8760 hours/year)(1 ton/2000 pounds).

Where:

H = 1.0 pound of VOC/hour [hourly potential to emit VOC];

Y = 4.4 tons of VOC/year [yearly potential to emit VOC];

C = 0.5 gallon of coating/hour [maximum application rate of coatings, as applied after final thinning]; and

V = 1.82 pounds of VOC/gallon of coating [maximum VOC content of coatings, as applied after final thinning].

**F. Miscellaneous Requirements**

1. Modeling to demonstrate compliance with the "Toxic Air Contaminant Statute" in ORC 3704.03(F)(4)(b) was not necessary because the emissions unit's maximum annual emissions for each toxic air contaminant, as defined in OAC rule 3745-114-01, will be less than 1.0 ton per year. OAC Chapter 3745-31 requires permittees to apply for and obtain a new or modified permit to install prior to making a "modification" as defined by OAC rule 3745-31-01. The permittee is hereby advised that changes in the composition of the materials, or use of new materials, that would cause the emissions of any toxic air contaminant to increase to above 1.0 ton per year may require the permittee to apply for and obtain a new permit to install.

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

Facility ID: 1677010986 Emissions Unit ID: K011 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>
miscellaneous metal parts coating line with cure oven, cleanup performed separately from this emissions unit	OAC rule 3745-31-05(A)(3) (PTI 16-02127)	Volatile organic compound (VOC) emissions shall not exceed 1.0 pounds/hour and 4.4 tons/year.  The permittee shall employ properly installed and maintained spray booth exhaust fan filter elements to catch paint overspray at all times the emissions unit is in operation.  The requirements of OAC rule 3745-31-05(A)(3) also include compliance with the requirements of OAC rule 3745-21-09(U)(1)(c).  3.5 pounds of VOCs per gallon of coating, excluding water and exempt solvents, for an extreme performance coating (daily volume-weighted average)
	OAC rule 3745-21-09(U)(1)(c)	

2. **Additional Terms and Conditions**
  - (a) The above hourly and yearly VOC emission limits established pursuant to OAC rule 3745-31-05(A)(3) are based on the potential to emit for this emissions unit, as determined from permit application data. Therefore, no recordkeeping, reporting, nor emissions calculations are required to demonstrate compliance with these emission limits. However, if any proposed change(s), such as with coating formulations, thinning or reducing ratios, maximum coating application rate capacity, etc., or any other change(s), increase(s) the emissions unit's potential to emit, then the permittee shall apply for and obtain either a modification to the permit to install or a new final permit to install prior to the change(s).

**B. Operational Restrictions**

1. The permittee shall be restricted to coating only miscellaneous metal parts or products. No other types of parts or products shall be coated in this emissions unit.
2. The permittee shall not perform any cleanup in this emissions unit. Any necessary cleanup shall take place in an operation separate from this emissions unit.

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

1. The permittee shall collect and record the following information each day for the line:
  - a. The name and identification number of each coating, as applied.
  - b. The VOC content (excluding water and exempt solvents) and the number of gallons (excluding water and exempt solvents) of each coating, as applied.
  - c. The daily volume-weighted average VOC content of all coatings, as applied, calculated in accordance with the equation specified in paragraph (B)(9) of OAC rule 3745-21-10 for CVOC,2.

2. The permittee shall document the following incidents each day for the line:
  - a. Spray booth exhaust fan filter elements not properly employed.
  - b. Cleanup performed in this emissions unit.
  - c. Coating other types of parts or products other than miscellaneous metal parts or products.

**D. Reporting Requirements**

1. The permittee shall notify the Director (the appropriate Ohio EPA District Office or local air agency) in writing of any daily record showing the use of noncomplying coatings. The notification shall include a copy of such record and shall be sent to the Director (the appropriate Ohio EPA District Office or local air agency) within 30 days following the end of the calendar month of the occurrence.
2. The permittee shall notify the Director (the appropriate Ohio EPA District Office or local air agency) in writing of any daily record showing any of the incidents documented above in section C.2. The notification shall include a copy of such record and shall be sent to the Director (the appropriate Ohio EPA District Office or local air agency) within 30 days following the end of the calendar month of the incident(s).

**E. Testing Requirements**

1. Compliance with the emissions limitations in Section A.1 of these special terms and conditions shall be determined in accordance with the following methods:  
Emission Limitation: 3.5 pounds of VOCs per gallon of coating, excluding water and exempt solvents, for an extreme performance coating (daily volume-weighted average)

Applicable Compliance Method: Compliance shall be based upon the record keeping requirements specified in Part II, section C.1 of these special terms and conditions. In accordance with OAC rule 3745-21-04(B)(5), USEPA 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 USEPA and shall use formulation data for that coating to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24.

Emission Limitations: Volatile organic compound (VOC) emissions shall not exceed 1.0 pounds/hour and 4.4 tons/year.

Applicable Compliance Method: The above VOC emission limitations are greater than the emission unit's potential to emit, as demonstrated below:

H = CV; and  
Y = H(8760 hours/year)(1 ton/2000 pounds).

Where:

H = 1.0 pound of VOC/hour [hourly potential to emit VOC];

Y = 4.4 tons of VOC/year [yearly potential to emit VOC];

C = 0.5 gallon of coating/hour [maximum application rate of coatings, as applied after final thinning]; and

V = 1.82 pounds of VOC/gallon of coating [maximum VOC content of coatings, as applied after final thinning].

**F. Miscellaneous Requirements**

1. Modeling to demonstrate compliance with the "Toxic Air Contaminant Statute" in ORC 3704.03(F)(4)(b) was not necessary because the emissions unit's maximum annual emissions for each toxic air contaminant, as defined in OAC rule 3745-114-01, will be less than 1.0 ton per year. OAC Chapter 3745-31 requires permittees to apply for and obtain a new or modified permit to install prior to making a "modification" as defined by OAC rule 3745-31-01. The permittee is hereby advised that changes in the composition of the materials, or use of new materials, that would cause the emissions of any toxic air contaminant to increase to above 1.0 ton per year may require the permittee to apply for and obtain a new permit to install.