

Facility ID: 0285010288 Issuance type: Title V Draft 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.

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

Facility ID: 0285010288 Issuance type: Title V Draft Permit

Part II - Specific Facility Terms and Conditions

a State and Federally Enforceable Section

1. None

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

Facility ID: 0285010288 Issuance type: Title V Draft Permit

b State Only Enforceable Section

1. The following insignificant emissions units are located at this facility:

- P001 - Phosphate Washer
- B001 - Underbody Air Supply
- B002 - Sand/Tack Air Supply
- B003 - Prime and Vest Air Supply
- B004 - Prime and Demask Air Supply
- B005 - Shipping Dept. Furnace
- B006 - North End Furnace
- B007 - SE Corner Furnace
- R002 - Underbody Booth
- Z002 - Prime Touch Up Booth
- Z003 - Solvent Tank Clean
- Z004 - Solvent Tank Dirty
- Z005 - Arc Welding
- Z007 - Diesel Tank
- Z008 - Parts Washer
- Z009 - Cab Sealer
- Z010 - Metal Finish Repair
- Z018 - SW Gun Washer
- Z019 - Paint Kitchen
- Z020 - Paint Mix Area

Each insignificant emissions unit at this facility must comply with all applicable State and federal regulations, as well as any emission limitations and/or control requirements contained within a Permit to Install for the emissions unit.

[Go to Part III for Emissions Unit K001](#)

[Go to Part III for Emissions Unit K002](#)

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

Facility ID: 0285010288 Issuance type: Title V Draft Permit

Part III - Terms and Conditions for Emissions Units

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

Facility ID: 0285010288 Emissions Unit ID: K001 Issuance type: Title V Draft 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>
E-Coat Dip Tank	OAC 3745-21-09 (U)(1)(c)	3.5 pounds of volatile organic compounds (VOC) per gallon of coating, excluding water and exempt solvents, based on a daily volume-weighted average, or, if a control system is employed, 6.7 pounds of VOC per gallon of solids applied.

2. Additional Terms and Conditions

- (a) None

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

[Go to the top of Part III for this Emissions Unit](#)

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

II. Operational Restrictions

1. The average combustion temperature within any thermal incinerator employed, for any 3-hour block of time when the emissions unit is in operation, shall not be more than 50 degrees Fahrenheit below the average temperature during the most recent emission test that demonstrated the emissions unit was in compliance.
2. The average temperature of the exhaust gases immediately before the catalyst bed of any catalytic incinerator employed, for any 3-hour block of time when the emissions unit is in operation, shall not be more than 50 degrees Fahrenheit below the average temperature during the most recent emission test that demonstrated the emissions unit was in compliance. The average temperature difference across the catalyst bed, for any 3-hour block of time when the emissions unit is in operation, shall not be less than 80 percent of the average temperature difference during the most recent emission test that demonstrated the emissions unit was in compliance.
3. The average VOC concentration in the exhaust gases from any carbon adsorber employed, for any 3-hour block of time, shall not exceed a VOC concentration (ppm) which is 20 percent greater than the average concentration during the most recent emission test that demonstrated the emissions unit was in compliance.

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

[Go to the top of Part III for this Emissions Unit](#)

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

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each day for the line when it is not controlled:
 - 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; and
 - 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. If control equipment is employed, 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 pounds of VOC per gallon of coating solids, as applied, the volume solids content, as applied, and the gallons applied, of each coating;
 - c. the maximum VOC content (pounds of VOC per gallon of coating solids, as applied) or the daily volume-weighted average VOC content (pounds of VOC per gallon of coating solids, as applied) of all the coatings;
 - d. the calculated, controlled VOC emission rate, in pounds of VOC per gallon of coating solids, as applied (the controlled VOC emissions rate shall be calculated using (i) either the maximum VOC content or the daily volume-weighted VOC content recorded in accordance with paragraph (c) above and (ii) the overall control efficiency of the control equipment as determined during the most recent emission test that demonstrated that the emissions unit was in compliance);
 - e. a log or record of operating time for the capture (collection) system, control device, monitoring equipment, and the associated coating line;
 - f. for any thermal incinerator employed, all three-hour periods of operation during which the average combustion temperature was more than 50 degrees Fahrenheit below the average combustion temperature during the most recent performance test that demonstrated that the source was in compliance;
 - g. for any catalytic incinerator employed, all three-hour periods of operation during which the average temperature of the process vent stream immediately before the catalyst bed is more than 50 degrees Fahrenheit below the average temperature of the process vent stream during the most recent performance test that demonstrated that the source was in compliance, and all three-hour periods of operation during which the average temperature difference across the catalyst bed is less than 80 percent of the average temperature difference during the most recent performance test that demonstrated that the source was in compliance; and
 - h. for any carbon adsorber employed, all three-hour periods of operation during which the average VOC concentration in the exhaust gases was more than 20 percent greater than the average concentration during the most recent performance test that demonstrated the emissions unit was in compliance.
3. If control equipment is installed, the permittee shall install and operate continuous monitoring and recording devices (i.e., for temperature or VOC concentration) and perform emission tests for the emissions unit to enable the record keeping required by Section A.III.2. of the permit. The continuous monitoring and recording devices shall be installed and placed in operation when the control equipment begins operation. The continuous monitoring and recording devices shall be capable of accurately measuring the desired parameter, and the permittee shall properly operate and maintain the devices in accordance with the manufacturer's recommendations.

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

[Go to the top of Part III for this Emissions Unit](#)

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

IV. Reporting Requirements

1. The permittee shall notify the Director (the Ohio EPA Northeast District Office) in writing of any daily record showing that the daily volume-weighted average VOC content exceeds the applicable limitation. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA Northeast District Office) within 45 days after the exceedance occurs.
2. If applicable, the permittee shall notify the Director (the Ohio EPA Northeast District Office) in writing of any daily record showing that the calculated, controlled VOC emission rate exceeds the applicable pounds of VOC per gallon of solids limitation. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA Northeast District Office) within 45 days after the exceedance occurs.
3. The permittee shall submit deviation (excursion) reports which identify all 3-hour blocks of time during which the average combustion temperature within any thermal incinerator employed does not comply with the temperature limitation specified above.
4. The permittee shall submit deviation (excursion) reports that identify all 3-hour blocks of time when the emissions unit was in operation during which the average temperature of the exhaust gases immediately before the catalyst bed of any catalytic incinerator employed or the average temperature difference across the catalyst bed does not comply with the temperature limitations specified above.
5. The permittee shall submit deviation (excursion) reports which identify all 3-hour blocks of time (when the emissions unit was in operation) during which the average VOC concentration of the exhaust gases from any carbon adsorber employed exceeded the concentration limitation specified above.

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

[Go to the top of Part III for this Emissions Unit](#)

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

V. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):
 - a. Emission Limitation
3.5 pounds of volatile organic compounds per gallon of coating, excluding water and exempt solvents, based on a daily volume-weighted average

Applicable Compliance Method
OAC rule 3745-21-10(B). Formulation data or USEPA Method 24 (for coatings) shall be used to determine the volatile organic compound contents of the coatings. Compliance shall be based upon record keeping specified in Section A.III.1. of this permit.
 - b. Emission Limitation

6.7 pounds of VOC per gallon of solids

Applicable Compliance Method

OAC rule 3745-21-10(C). Compliance shall be based upon the record keeping specified in Section A.III.2. of this permit and the testing requirements specified in Section A.V.2 of this permit.

2. If control equipment is installed, the permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:
 - a. The emission testing shall be conducted as soon as practicable after installation of the control equipment, but in no case later than 3 months after installation.
 - b. The emission testing shall be conducted to demonstrate compliance with the coating content limitation of 6.7 pounds VOC per gallon of solids applied.
 - c. The following test methods shall be employed to demonstrate compliance with the allowable mass emission rates and coating content limitation: Methods 24 and 25, 40 CFR Part 60, Appendix A. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.
 - d. The test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the Ohio EPA Northeast District Office.
 - e. The capture efficiency shall be determined using Methods 204 through 204F, as specified in 40 CFR Part 51, Appendix M, or the permittee may request to use an alternative method or procedure for the determination of capture efficiency in accordance with the USEPA's "Guidelines for Determining Capture Efficiency," dated January 9, 1995. (The Ohio EPA will consider the request, including an evaluation of the applicability, necessity, and validity of the alternative, and may approve the use of the alternative if such approval does not contravene any other applicable requirement.)
 - f. The control efficiency (i.e., the percent reduction in mass emissions between the inlet and outlet of the control system) shall be determined in accordance with the test methods and procedures specified in OAC rule 3745-21-10 or an approved alternative test protocol. The test methods and procedures selected shall be based on a consideration of the diversity of the organic species present and their total concentration, and on a consideration of the potential presence of interfering gases.
 - g. Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Ohio EPA Northeast District Office. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA Northeast District Office's refusal to accept the results of the emission test(s).

Personnel from the Ohio EPA Northeast District Office shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the Ohio EPA Northeast District Office within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the Ohio EPA Northeast District Office.

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

[Go to the top of Part III for this Emissions Unit](#)

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

VI. **Miscellaneous Requirements**

1. None

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

Facility ID: 0285010288 Issuance type: Title V Draft Permit

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

Facility ID: 0285010288 Emissions Unit ID: K001 Issuance type: Title V Draft 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>
E-Coat Dip Tank	OAC 3745-31-05 PTI # 02-9627	When operating without an add-on emission control device, 2.8 pounds of volatile organic compounds per gallon of coating, excluding water and exempt solvents, based on a daily volume-weighted average; and 18.13 tons of volatile organic compounds per year.

2. **Additional Terms and Conditions**

1. None

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

[Go to the top of Part III for this Emissions Unit](#)

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

II. **Operational Restrictions**

1. The permittee shall employ a tight fitting lid on the dip tank when it is not in use.

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

[Go to the top of Part III for this Emissions Unit](#)

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

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

1. The permittee shall collect and record the following information for the purpose of determining annual VOC emissions:
- the name and identification of each cleanup material employed;
 - the number of gallons of each cleanup material employed;
 - the VOC content of each cleanup material, in pounds per gallon; and
 - the total VOC emissions from all coatings and cleanup materials, in pounds or tons .

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

[Go to the top of Part III for this Emissions Unit](#)

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

IV. **Reporting Requirements**

- The permittee shall notify the Director (the Ohio EPA Northeast District Office) in writing of any daily record from A.III showing that the daily volume-weighted average VOC content exceeds the applicable limitation. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA Northeast District Office) within 45 days after the exceedance occurs.
- The permittee shall submit annual reports which specify the total allowable and actual VOC emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.

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

[Go to the top of Part III for this Emissions Unit](#)

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

V. **Testing Requirements**

- Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):
 - Emission Limitation
2.8 pounds of volatile organic compounds per gallon of coating, excluding water and exempt solvents, based on a daily volume-weighted average

Applicable Compliance Method
OAC rule 3745-21-10(B). Formulation data or USEPA Method 24 (for coatings) shall be used to determine the volatile organic compound contents of the coatings. Compliance shall be based upon record keeping specified in Section A.III.1. of this permit.
 - Emission Limitation
18.13 tons volatile organic compounds per year

Applicable Compliance Method
OAC rule 3745-21-10(C). Compliance shall be based upon record keeping specified in Sections A.III.2. and B III.1. of this permit.

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

[Go to the top of Part III for this Emissions Unit](#)

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

VI. **Miscellaneous Requirements**

1. None

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

Facility ID: 0285010288 Issuance type: Title V Draft Permit

Part III - Terms and Conditions for Emissions Units

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

Facility ID: 0285010288 Emissions Unit ID: K002 Issuance type: Title V Draft 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>
Water Removal System TEC Turbulator Cooler; Wet on wet Prime Booth(East and West); Wet on Wet Prime Oven; Tack off Booth; Prime/Color Booth; Demask Booth; Prime/Color Bake Oven and Color Touch-up	OAC 3745-21-09 (U)(1)(c)	3.5 pounds of volatile organic compounds (VOC) per gallon of coating, excluding water and exempt solvents, based on a daily volume-weighted average, or, if a control system is employed, 6.7 pounds of VOC per gallon of solids applied.

2. **Additional Terms and Conditions**

- (a) None

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

[Go to the top of Part III for this Emissions Unit](#)

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

II. **Operational Restrictions**

1. The average combustion temperature within any thermal incinerator employed, for any 3-hour block of time when the emissions unit is in operation, shall not be more than 50 degrees Fahrenheit below the average temperature during the most recent emission test that demonstrated the emissions unit was in compliance.
2. The average temperature of the exhaust gases immediately before the catalyst bed of any catalytic incinerator employed, for any 3-hour block of time when the emissions unit is in operation, shall not be more than 50 degrees Fahrenheit below the average temperature during the most recent emission test that demonstrated the emissions unit was in compliance. The average temperature difference across the catalyst bed, for any 3-hour block of time when the emissions unit is in operation, shall not be less than 80 percent of the average temperature difference during the most recent emission test that demonstrated the emissions unit was in compliance.
3. The average VOC concentration in the exhaust gases from any carbon adsorber employed, for any 3-hour block of time, shall not exceed a VOC concentration (ppm) which is 20 percent greater than the average concentration during the most recent emission test that demonstrated the emissions unit was in compliance.

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

[Go to the top of Part III for this Emissions Unit](#)

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

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

1. The permittee shall collect and record the following information each day for the line when it is not controlled:
 - 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; and
 - 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. If control equipment is employed, 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 pounds of VOC per gallon of coating solids, as applied, the volume solids content, as applied, and the gallons applied, of each coating;
 - c. the maximum VOC content (pounds of VOC per gallon of coating solids, as applied) or the daily volume-weighted average VOC content (pounds of VOC per gallon of coating solids, as applied) of all the coatings;
 - d. the calculated, controlled VOC emission rate, in pounds of VOC per gallon of coating solids, as applied (the controlled VOC emissions rate shall be calculated using (i) either the maximum VOC content or the daily volume-weighted VOC content recorded in accordance with paragraph (c) above and (ii) the overall control efficiency of the control equipment as determined during the most recent emission test that demonstrated that the emissions unit was in compliance);
 - e. a log or record of operating time for the capture (collection) system, control device, monitoring equipment, and the associated coating line;
 - f. for any thermal incinerator employed, all three-hour periods of operation during which the average combustion temperature was more than 50 degrees Fahrenheit below the average combustion temperature during the most recent performance test that demonstrated that the source was in compliance;
 - g. for any catalytic incinerator employed, all three-hour periods of operation during which the average temperature of the process vent stream immediately before the catalyst bed is more than 50 degrees Fahrenheit below the average temperature of the process vent stream during the most recent performance test that demonstrated that the source was in compliance, and all three-hour periods of operation during which the average temperature difference across the catalyst bed is less than 80 percent of the average temperature difference during the most recent performance test that demonstrated that the source was in compliance; and
 - h. for any carbon adsorber employed, all three-hour periods of operation during which the average VOC concentration in the exhaust gases was more than 20 percent greater than the average concentration during the most recent performance test that demonstrated the emissions unit was in compliance.
3. If control equipment is installed, the permittee shall install and operate continuous monitoring and recording devices (i.e., for temperature or VOC concentration) and perform emission tests for the emissions unit to enable the record keeping required by Section A.III.2. of the permit. The continuous monitoring and recording devices shall be installed and placed in operation when the control equipment begins operation. The continuous monitoring and recording devices shall be capable of accurately measuring the desired parameter, and the permittee shall properly operate and maintain the devices in accordance with the manufacturer's recommendations.

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

[Go to the top of Part III for this Emissions Unit](#)

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

IV. Reporting Requirements

1. The permittee shall notify the Director (the Ohio EPA Northeast District Office) in writing of any daily record showing that the daily volume-weighted average VOC content exceeds the applicable limitation. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA Northeast District Office) within 45 days after the exceedance occurs.
2. If applicable, the permittee shall notify the Director (the Ohio EPA Northeast District Office) in writing of any daily record showing that the calculated, controlled VOC emission rate exceeds the applicable pounds of VOC per gallon of solids limitation. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA Northeast District Office) within 45 days after the exceedance occurs.
3. The permittee shall submit deviation (excursion) reports which identify all 3-hour blocks of time during which the average combustion temperature within any thermal incinerator employed does not comply with the temperature limitation specified above.
4. The permittee shall submit deviation (excursion) reports that identify all 3-hour blocks of time when the emissions unit was in operation during which the average temperature of the exhaust gases immediately before the catalyst bed of any catalytic incinerator employed or the average temperature difference across the catalyst bed does not comply with the temperature limitations specified above.
5. The permittee shall submit deviation (excursion) reports which identify all 3-hour blocks of time (when the emissions unit was in operation) during which the average VOC concentration of the exhaust gases from any carbon adsorber employed exceeded the concentration limitation specified above.

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

[Go to the top of Part III for this Emissions Unit](#)

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

V. Testing Requirements

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

3.5 pounds of volatile organic compounds per gallon of coating, excluding water and exempt solvents, based on a daily volume-weighted average

Applicable Compliance Method
OAC rule 3745-21-10(B). Formulation data or USEPA Method 24 (for coatings) shall be used to determine the volatile organic compound contents of the coatings. Compliance shall be based upon record keeping specified in Section A.III.1. of this permit.

- b. Emission Limitation
6.7 pounds of VOC per gallon of solids
- Applicable Compliance Method
OAC rule 3745-21-10(C). Compliance shall be based upon the record keeping specified in Section A.III.2. of this permit and the testing requirements specified in Section A.V.2 of this permit.
2. If control equipment is installed, the permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:
- a. The emission testing shall be conducted as soon as practicable after installation of the control equipment, but in no case later than 3 months after installation.
- b. The emission testing shall be conducted to demonstrate compliance with the coating content limitation of 6.7 pounds VOC per gallon of solids applied.
- c. The following test methods shall be employed to demonstrate compliance with the allowable mass emission rates and coating content limitation: Methods 24 and 25, 40 CFR Part 60, Appendix A. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.
- d. The test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the Ohio EPA Northeast District Office.
- e. The capture efficiency shall be determined using Methods 204 through 204F, as specified in 40 CFR Part 51, Appendix M, or the permittee may request to use an alternative method or procedure for the determination of capture efficiency in accordance with the USEPA's "Guidelines for Determining Capture Efficiency," dated January 9, 1995. (The Ohio EPA will consider the request, including an evaluation of the applicability, necessity, and validity of the alternative, and may approve the use of the alternative if such approval does not contravene any other applicable requirement.)
- f. The control efficiency (i.e., the percent reduction in mass emissions between the inlet and outlet of the control system) shall be determined in accordance with the test methods and procedures specified in OAC rule 3745-21-10 or an approved alternative test protocol. The test methods and procedures selected shall be based on a consideration of the diversity of the organic species present and their total concentration, and on a consideration of the potential presence of interfering gases.
- g. Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Ohio EPA Northeast District Office. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA Northeast District Office's refusal to accept the results of the emission test(s).

Personnel from the Ohio EPA Northeast District Office shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the Ohio EPA Northeast District Office within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the Ohio EPA Northeast District Office.

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

[Go to the top of Part III for this Emissions Unit](#)

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

VI. **Miscellaneous Requirements**

1. None

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

Facility ID: 0285010288 Issuance type: Title V Draft Permit

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

Facility ID: 0285010288 Emissions Unit ID: K002 Issuance type: Title V Draft 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>
Water Removal System TEC Turbulator Cooler; Wet on wet Prime Booth(East and West); Wet on Wet Prime Oven; Tack off Booth; Prime/Color Booth; Demask Booth; Prime/Color Bake Oven and Color Touch-up	OAC 3745-31-05 PTI # 02-9627	219.8 tons VOC per year

2. Additional Terms and Conditions

1. None

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

[Go to the top of Part III for this Emissions Unit](#)

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

II. Operational Restrictions

1. None

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

[Go to the top of Part III for this Emissions Unit](#)

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

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information 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; and
 - d. the total VOC emissions from all coatings and cleanup materials, in pounds or tons .

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

[Go to the top of Part III for this Emissions Unit](#)

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

IV. Reporting Requirements

1. The permittee shall submit annual reports which specify the total allowable and actual VOC emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.

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

[Go to the top of Part III for this Emissions Unit](#)

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

V. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):
 - a. Emission Limitation
219.8 tons volatile organic compounds per year

Applicable Compliance Method
OAC rule 3745-21-10(B). Compliance shall be based upon the record keeping specified in Sections A.III. and B.III. of this permit.

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

[Go to the top of Part III for this Emissions Unit](#)

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

VI. Miscellaneous Requirements

1. None