

Facility ID: 1431370384 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. 40 CFR Part 68 is an applicable requirement for this facility. The permittee shall submit a Risk Management Plan, pursuant to 40 CFR, Part 68, to the appropriate designated agency and comply with all appropriate subparts by no later than June 20, 1999.

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b State Only Enforceable Section

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

- B001 3 Boilers
- B004 Laminator Oven
- P003 # 6 Laminator
- T001 Washup Solvent UST
- Z008 # 19 Offset Press
- Z009 3 Solvent Storage Tanks
- Z010 Parts Washer
- Z011 Laser Cutter
- Z012 Transparent Box Machines
- Z013 Balers/Cyclones

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.

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Part III - Terms and Conditions for Emissions Units

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Facility ID: 1431370384 Emissions Unit ID: K001 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>
6- Color Rotogravure Press w/ Catalytic Incinerator. No.50	40 CFR 63 Subpart KK OAC 3745-21-09(Y)(1)(b)	See T&C A.II.1. See T&C A.I.2.a.

2. Additional Terms and Conditions

- a. Maintain and operate a catalytic incinerator as follows:
 - (a)
 - i. The permittee shall employ a capture system which shall capture not less than 70%, by weight, of all VOC emissions from this emissions unit.
 - ii. The permittee also shall employ a control system which shall destroy at least 90%, by weight, of the VOC emissions captured.

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II. Operational Restrictions

1. Should HAP usage for the facility exceed either:
 - a. 9.1 Mg (10 tons) per each rolling 12-month period of any single HAP at the facility, including materials used for source categories or purposes other than printing or publishing, or
 - b. 22.7 Mg (25 tons) per each rolling 12-month period of any combination of HAP at the facility, including materials used for source categories or purposes other than printing or publishing,

the permittee shall be considered in violation of its commitment for that 12-month period and shall be considered a major source of HAP beginning the first month after the end of the 12-month period in which either of the HAP-use thresholds was exceeded. As a major source of HAP, the facility would be subject to the provisions of 40 CFR 63.820 (a)(1) and no longer be eligible for the exemption found in 40 CFR 63.820 (a)(2).

Within 30 days after a violation of its commitment, the permittee shall submit a report to the Hamilton County Department of Environmental Services that either demonstrates compliance with all of the MACT requirements or provides a plan and schedule for achieving compliance with all of the MACT requirements.
2. The average temperature of the exhaust gases at the inlet to the catalytic incinerator, for any 3-hour block of time, shall not be less than 500 degrees Fahrenheit.
3. The average temperature difference across the catalyst bed at maximum operating capacity, for any 3-hour block of time, shall not be less than 80 percent of the average temperature difference during the most recent performance test that demonstrated the emissions unit was in compliance.

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III. Monitoring and/or Record Keeping Requirements

1. The permittee shall operate and maintain a continuous temperature monitor and recorder which measures and records the combustion temperature immediately upstream and downstream of the incinerator's catalyst bed when the emissions unit is in operation. Units shall be in degrees Fahrenheit. The monitoring and recording devices shall be capable of accurately measuring the desired parameter. Temperature monitor and recorder shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, with any modifications deemed necessary by the permittee.

The permittee shall collect and record the following information for each day for the control equipment:

- a. A log of operating time for the capture (collection) system, control device, monitoring equipment, and the associated emissions unit.
 - b. 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 was more than 50 degrees Fahrenheit below the average temperature of the exhaust gases during the most recent performance test that demonstrated the emissions unit was in compliance.
 - c. All 3-hour blocks of time (when the emissions unit was in operation at maximum operating capacity) during which the average temperature difference across the catalyst bed was less than 80 percent of the average temperature difference during the most recent performance test that demonstrated the emissions unit was in compliance.
2. The permittee shall collect and record the following information on a monthly basis, for the entire facility:
 - a. the name and identification number of each coating, as applied;
 - b. the individual Hazardous Air Pollutant (HAP) content for each HAP of each coating, in pounds of individual HAP per gallon of coating, as applied;
 - c. the total combined HAP content of each coating, in pounds of combined HAPs per gallon of coating, as applied (sum all the individual HAP contents from (b));
 - d. the number of gallons of each coating employed;
 - e. the name and identification of each cleanup material employed;
 - f. the individual HAP content for each HAP of each cleanup material, in pounds of individual HAP per gallon of cleanup material, as applied;
 - g. the total combined HAP content of each cleanup material, in pounds of combined HAPs per gallon of cleanup material, as applied (sum all the individual HAP contents from (f));
 - h. the number of gallons of each cleanup material employed;
 - i. the total individual HAP usage for each HAP from all coatings and cleanup materials employed, in pounds or tons (for each HAP, the sum of (b) times (d) for each coating plus the sum of (f) times (h) for each cleanup material);
 - j. the total combined HAP usage from all coatings and cleanup materials employed, in pounds or tons (the sum of (c) times (d) for each coating plus the sum of (g) times (h) for each cleanup material);
 - k. the total individual HAP emissions for each HAP for all emissions units at the facility other than the printing lines (K001, K002, R001 and R002), in tons;
 - l. the total combined HAP emissions for all emissions units at the facility other than the printing lines (K001, K002, R001 and R002), in tons;
 - m. the total individual HAP emissions for each HAP for all emissions units at the facility, in tons;
 - n. the total combined HAP emissions for all emissions units at the facility, in tons;
 - o. the total individual HAP emissions for each HAP for all emissions units at the facility for the previous, rolling 12-month period, in tons; and
 - p. the total combined HAP emissions for all emissions units at the facility for the previous, rolling 12-month period, in tons.

A listing of the HAPs can be found in Section 112(b) of the Clean Air Act. This information does not have to be kept on a line-by-line basis.

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IV. Reporting Requirements

1. The permittee shall submit quarterly summaries of the following records:
 - a. A log of operating time for the capture (collection) system, control device, monitoring equipment, and the associated emissions unit.
 - b. 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 was more than 50 degrees Fahrenheit below the average temperature of the exhaust gases during the most recent performance test that demonstrated the emissions unit was in compliance.

c. All 3-hour blocks of time (when the emissions unit was in operation at maximum operating capacity) during which the average temperature difference across the catalyst bed was less than 80 percent of the average temperature difference of the bed during the most recent performance test that demonstrated the emissions unit was in compliance.

These quarterly reports shall be submitted by April 30, July 30, October 30, and January 30, and shall cover the records for the previous calendar quarters.

2. The permittee shall submit deviation (excursion) reports for any exceedence of the rolling, 12-month, usage limitations in A.II.1.
3. The permittee shall submit annual reports which summarize the monthly record keeping requirements specified in A.III.2.i. through A.III.2.p. for each calendar month. Each report shall be submitted by January 31 of each year and cover the previous calendar year's operation.

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V. **Testing Requirements**

1. 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 within 6 months of issuance of the Title V permit and within 6 months prior to renewal of this permit.

b. The emission testing shall be conducted to demonstrate compliance with the 70%, by weight, capture and 90%, by weight, control efficiency requirements.

c. The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s):

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.) 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 other 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.

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 other 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.

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 appropriate Ohio EPA District Office or local air agency.

Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the appropriate Ohio EPA District Office or local air agency. 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 District Office's or local air agency's refusal to accept the results of the emission test(s).

Personnel from the appropriate Ohio EPA District Office or local air agency 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 appropriate Ohio EPA District Office or local air agency within 30 days following completion of the test(s).

2. Compliance with HAP usage limits in section A.I.2.a shall be demonstrated by the recordkeeping requirements in section A.III.2 of this permit.

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VI. **Miscellaneous Requirements**

None

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Facility ID: 1431370384 Emissions Unit ID: K001 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>
6-Color Rotogravure Press w/ Catalytic Incinerator. No.50		
2. Additional Terms and Conditions		
a.		

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II. Operational Restrictions

None

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III. Monitoring and/or Record Keeping Requirements

None

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IV. Reporting Requirements

None

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V. Testing Requirements

None

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VI. Miscellaneous Requirements

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Part III - Terms and Conditions for Emissions Units

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Facility ID: 1431370384 Emissions Unit ID: K002 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>
7- Color Rotogravure Press w/ Catalytic Incinerator. No.51	40 CFR 63 Subpart KK OAC 3745-21-09(Y)(1)(b)	See T&C A.II.1. See T&C A.I.2.a.

2. Additional Terms and Conditions

- a. Maintain and operate a catalytic incinerator as follows:
 - (a)
 - i. The permittee shall employ a capture system which shall capture not less than 70%, by weight, of all VOC emissions from this emissions unit.
 - ii. The permittee also shall employ a control system which shall destroy at least 90%, by weight, of the VOC emissions captured.

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II. Operational Restrictions

1. Should HAP usage for the facility exceed either:
 - a. 9.1 Mg (10 tons) per each rolling 12-month period of any single HAP at the facility, including materials used for source categories or purposes other than printing or publishing, or
 - b. 22.7 Mg (25 tons) per each rolling 12-month period of any combination of HAP at the facility, including materials used for source categories or purposes other than printing or publishing,

the permittee shall be considered in violation of its commitment for that 12-month period and shall be considered a major source of HAP beginning the first month after the end of the 12-month period in which either of the HAP-use thresholds was exceeded. As a major source of HAP, the facility would be subject to the provisions of 40 CFR 63.820 (a)(1) and no longer be eligible for the exemption found in 40 CFR 63.820 (a)(2).

Within 30 days after a violation of its commitment, the permittee shall submit a report to the Hamilton County Department of Environmental Services that either demonstrates compliance with all of the MACT requirements or provides a plan and schedule for achieving compliance with all of the MACT requirements.
2. The average temperature of the exhaust gases at the inlet to the catalytic incinerator, for any 3-hour block of time, shall not be less than 500 degrees Fahrenheit.
3. The average temperature difference across the catalyst bed, at maximum operating capacity, for any 3-hour block of time, shall not be less than 80 percent of the average temperature difference during the most recent performance test that demonstrated the emissions unit was in compliance.

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III. Monitoring and/or Record Keeping Requirements

1. The permittee shall operate and maintain a continuous temperature monitor and recorder which measures and records the combustion temperature immediately upstream and downstream of the incinerator's catalyst bed when the emissions unit is in operation. Units shall be in degrees Fahrenheit. The monitoring and recording devices shall be capable of accurately measuring the desired parameter. Temperature monitor and recorder shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, with any modifications deemed necessary by the permittee.

The permittee shall collect and record the following information for each day for the control equipment:

- a. A log of operating time for the capture (collection) system, control device, monitoring equipment, and the associated emissions unit.
- b. 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 was more than 50 degrees Fahrenheit below the average temperature of the exhaust gases during the most recent performance test that demonstrated the emissions unit was in compliance.
- c. All 3-hour blocks of time (when the emissions unit was in operation at maximum operating capacity) during which the average temperature difference across the catalyst bed was less than 80 percent of the average temperature difference during the most recent performance test that demonstrated the emissions unit was in compliance.

2. The permittee shall collect and record the following information on a monthly basis, for the entire facility:
- a. the name and identification number of each coating, as applied;
 - b. the individual Hazardous Air Pollutant (HAP) content for each HAP of each coating, in pounds of individual HAP per gallon of coating, as applied;
 - c. the total combined HAP content of each coating, in pounds of combined HAPs per gallon of coating, as applied (sum all the individual HAP contents from (b));
 - d. the number of gallons of each coating employed;
 - e. the name and identification of each cleanup material employed;
 - f. the individual HAP content for each HAP of each cleanup material, in pounds of individual HAP per gallon of cleanup material, as applied;
 - g. the total combined HAP content of each cleanup material, in pounds of combined HAPs per gallon of cleanup material, as applied (sum all the individual HAP contents from (f));
 - h. the number of gallons of each cleanup material employed;
 - i. the total individual HAP usage for each HAP from all coatings and cleanup materials employed, in pounds or tons (for each HAP, the sum of (b) times (d) for each coating plus the sum of (f) times (h) for each cleanup material);
 - j. the total combined HAP usage from all coatings and cleanup materials employed, in pounds or tons (the sum of (c) times (d) for each coating plus the sum of (g) times (h) for each cleanup material);
 - k. the total individual HAP emissions for each HAP for all emissions units at the facility other than the printing lines (K001, K002, R001 and R002), in tons;
 - l. the total combined HAP emissions for all emissions units at the facility other than the printing lines (K001, K002, R001 and R002), in tons;
 - m. the total individual HAP emissions for each HAP for all emissions units at the facility, in tons;
 - n. the total combined HAP emissions for all emissions units at the facility, in tons;
 - o. the total individual HAP emissions for each HAP for all emissions units at the facility for the previous, rolling 12-month period, in tons; and
 - p. the total combined HAP emissions for all emissions units at the facility for the previous, rolling 12-month period, in tons.

A listing of the HAPs can be found in Section 112(b) of the Clean Air Act. This information does not have to be kept on a line-by-line basis.

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IV. Reporting Requirements

1. The permittee shall submit quarterly summaries of the following records:
 - a. A log of operating time for the capture (collection) system, control device, monitoring equipment, and the associated emissions unit.
 - b. 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 was more than 50 degrees Fahrenheit below the average temperature of the exhaust gases during the most recent performance test that demonstrated the emissions unit was in compliance.
 - c. All 3-hour blocks of time (when the emissions unit was in operation at maximum operating capacity) during which the average temperature difference across the catalyst bed was less than 80 percent of the average temperature difference of the bed during the most recent performance test that demonstrated the emissions unit was in compliance.

These quarterly reports shall be submitted by April 30, July 30, October 30, and January 30, and shall cover the records for the previous calendar quarters.
2. The permittee shall submit deviation (excursion) reports for any exceedence of the rolling, 12-month, usage limitations in A.II.1.
3. The permittee shall submit annual reports which summarize the monthly record keeping requirements specified in A.III.2.i. through A.III.2.p. for each calendar month. Each report shall be submitted by January 31 of each year and cover the previous calendar year's operation.

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V. Testing Requirements

1. 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 within 6 months of issuance of the Title V permit and within 6 months prior to renewal of this permit.
- b. The emission testing shall be conducted to demonstrate compliance with the 70%, by weight, capture and 90%, by weight, control efficiency requirements.
- c. The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s):

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.) 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 other 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.

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 other 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.

- 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 appropriate Ohio EPA District Office or local air agency.

Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the appropriate Ohio EPA District Office or local air agency. 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 District Office's or local air agency's refusal to accept the results of the emission test(s).

Personnel from the appropriate Ohio EPA District Office or local air agency 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 appropriate Ohio EPA District Office or local air agency within 30 days following completion of the test(s).

- 2. Compliance with HAP usage limits in section A.I.2.a shall be demonstrated by the recordkeeping requirements in section A.III.2 of this permit.

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VI. **Miscellaneous Requirements**

None

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Facility ID: 1431370384 Emissions Unit ID: K002 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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7- Color Rotogravure Press w/ Catalytic Incinerator. No.51

2. **Additional Terms and Conditions**

a.

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II. **Operational Restrictions**

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

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IV. **Reporting Requirements**

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V. **Testing Requirements**

None

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VI. **Miscellaneous Requirements**

None

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Part III - Terms and Conditions for Emissions Units

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Facility ID: 1431370384 Emissions Unit ID: R001 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>
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Six-Color Sheet Fed Offset Printing Line #20	OAC 3745-21-07(G)(2)	See T&C A.1.2.a.
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2. **Additional Terms and Conditions**

a. This emissions unit currently does not employ photochemically reactive materials as defined in OAC 3745-21-01(C)(5). It is, therefore, exempt from all emission limitations and control requirements contained in OAC 3745-21-07(G).

(a)

Prior to employing any photochemically reactive material in this emissions unit, the permittee shall provide written notification to the appropriate Ohio EPA field office. Such notification shall include information sufficient to determine compliance with the emission limits and/or control requirements specified in OAC 3745-21-07(G).

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II. Operational Restrictions

- 1. None

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III. Monitoring and/or Record Keeping Requirements

None

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IV. Reporting Requirements

None

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V. Testing Requirements

None

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VI. Miscellaneous Requirements

None

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Facility ID: 1431370384 Emissions Unit ID: R001 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>
Six-Color Sheet Fed Offset Printing Line #20	OAC rule 3745-31-05 (PTI 14-3734)	1.18 LBS OC/HR, 28.3 LBS OC/DAY and 5.16 TPY OC.
2. Additional Terms and Conditions		
a.		

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II. Operational Restrictions

1. The use of any photochemically reactive material as defined in OAC 3745-21-01(C)(5) is prohibited.

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III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each day for the coating operation:
 - a. The company identification for each coating and cleanup material employed.
 - b. The number of gallons of each coating and cleanup material employed.
 - c. The organic compound (OC) content of each coating and cleanup material, in pounds per gallon.
 - d. A record of each liquid organic material employed in this emissions unit, indicating whether or not the liquid organic material is a photochemically reactive material as defined in OAC 3745-21-01(C)(5).
 - e. Organic compound (OC) emission rate for each coating and cleanup material, in pounds.
 - f. The total OC emissions from this emissions unit, i.e., the sum of (e) for all coatings and cleanup materials, in pounds.
 - g. The hours of operation.
 - h. The average hourly organic compound (OC) emission rate for all coatings and cleanup materials, i.e., (f)/(g), in pounds per hour.

[Note: The coating information must be for the coatings as employed, including any thinning solvents added at the emissions unit.]

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IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which include the following information:
 - a. An identification of each day during which the average hourly total organic compound (OC) emissions exceeded 1.18 pounds per hour, and the actual average hourly organic compound (OC) emissions for each such day.
 - b. An identification of each day during which the total organic compound (OC) emissions exceeded 28.3 pounds per day, and the actual organic compound (OC) emissions for each such day.
2. The permittee shall also submit an annual report which specifies the total organic compound (OC) emissions from this emissions unit for the previous calendar year. This report shall be submitted by January 31 of each year.
3. The permittee shall notify the Director (the appropriate Ohio EPA District Office or local air agency) in writing identifying each day during which any photochemically reactive material (as defined in OAC 3745-21-01(C)(5)) was employed in this emissions unit. This report shall identify the cause for the use of the photochemically reactive material(s) and the estimated total quantity of material(s) emitted each such day. This report shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) within 45 days after the exceedance occurs.

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V. Testing Requirements

1. Formulation data or USEPA Method 24 (for coatings) or 24A (for flexographic and rotogravure printing inks and related coatings) shall be used to determine the organic compound (OC) content of the coatings and inks.
2. Compliance with the organic compound (OC) emission limits shall be determined in accordance with T&C B.III.1.

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VI. Miscellaneous Requirements

None

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Part III - Terms and Conditions for Emissions Units

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Facility ID: 1431370384 Emissions Unit ID: R002 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>
Six-Color Sheet Fed Offset Printing Line #17	OAC 3745-21-07(G)(2)	See T&C A.I.2.a.

2. Additional Terms and Conditions

- a. This emissions unit currently does not employ photochemically reactive materials as defined in OAC 3745-21-01(C)(5). It is, therefore, exempt from all emission limitations and control requirements contained in OAC 3745-21-07(G).
- (a) Prior to employing any photochemically reactive material in this emissions unit, the permittee shall provide written notification to the appropriate Ohio EPA field office. Such notification shall include information sufficient to determine compliance with the emission limits and/or control requirements specified in OAC 3745-21-07(G).

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II. Operational Restrictions

None

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III. Monitoring and/or Record Keeping Requirements

None

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IV. Reporting Requirements

None

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V. Testing Requirements

None

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VI. Miscellaneous Requirements

None

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Facility ID: 1431370384 Emissions Unit ID: R002 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>
Six-Color Sheet Fed Offset Printing Line #17	OAC rule 3745-31-05 (PTI 14-3734)	1.18 LBS OC/HR, 28.3 LBS OC/DAY and 5.16 TPY OC.
2. Additional Terms and Conditions		
a.		

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II. Operational Restrictions

1. The use of any photochemically reactive material as defined in OAC 3745-21-01(C)(5) is prohibited.

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III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each day for the coating operation:
 - a. The company identification for each coating and cleanup material employed.
 - b. The number of gallons of each coating and cleanup material employed.
 - c. The organic compound (OC) content of each coating and cleanup material, in pounds per gallon.
 - d. A record of each liquid organic material employed in this emissions unit, indicating whether or not the liquid organic material is a photochemically reactive material as defined in OAC 3745-21-01(C)(5).
 - e. Organic compound (OC) emission rate for each coating and cleanup material, in pounds.
 - f. The total OC emissions from this emissions unit, i.e., the sum of (e) for all coatings and cleanup materials, in pounds.
 - g. The hours of operation.
 - h. The average hourly organic compound (OC) emission rate for all coatings and cleanup materials, i.e., (f)/(g), in pounds per hour.

[Note: The coating information must be for the coatings as employed, including any thinning solvents added at the emissions unit.]

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IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which include the following information:
 - a. An identification of each day during which the average hourly total organic compound (OC) emissions exceeded 1.18 pounds per hour, and the actual average hourly organic compound (OC) emissions for each such day.
 - b. An identification of each day during which the total organic compound (OC) emissions exceeded 28.3 pounds per day, and the actual organic compound (OC) emissions for each such day.
2. The permittee shall also submit an annual report which specifies the total organic compound (OC) emissions from this emissions unit for the previous calendar year. This report shall be submitted by January 31 of each year.
3. The permittee shall notify the Director (the appropriate Ohio EPA District Office or local air agency) in writing identifying each day during which any photochemically reactive material (as defined in OAC 3745-21-01(C)(5)) was employed in this emissions unit. This report shall identify the cause for the use of the photochemically reactive material(s) and the estimated total quantity of material(s) emitted each such day.

This report shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) within 45 days after the exceedance occurs.

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V. **Testing Requirements**

1. Formulation data or USEPA Method 24 (for coatings) or 24A (for flexographic and rotogravure printing inks and related coatings) shall be used to determine the organic compound (OC) content of the coatings and inks.
2. Compliance with the organic compound (OC) emission limits shall be determined in accordance with T&C B.III.1.

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VI. **Miscellaneous Requirements**

None