



State of Ohio Environmental Protection Agency

**RE: FINAL PERMIT TO INSTALL
LUCAS COUNTY**

CERTIFIED MAIL

Street Address:

50 West Town Street, Suite 700

Lazarus Gov. Center TELE: (614) 644-3020 FAX: (614) 644-2329

Mailing Address:

Lazarus Gov. Center
P.O. Box 1049

Application No: 04-01499

Fac ID: 0448011240

DATE: 5/6/2008

Cenveo Inc
John Peters
1635 Coining Drive
Toledo, OH 43612

Enclosed please find an Ohio EPA Permit to Install which will allow you to install the described source(s) in a manner indicated in the permit. Because this permit contains several conditions and restrictions, I urge you to read it carefully.

The Ohio EPA is urging companies to investigate pollution prevention and energy conservation. Not only will this reduce pollution and energy consumption, but it can also save you money. If you would like to learn ways you can save money while protecting the environment, please contact our Office of Pollution Prevention at (614) 644-3469.

You are hereby notified that this action of the Director is final and may be appealed to the Environmental Review Appeals Commission pursuant to Section 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. The appeal must be filed with the Commission within thirty (30) days after notice of the Director's action. The appeal must be accompanied by a filing fee of \$70.00 which the Commission, in its discretion, may reduce if by affidavit you demonstrate that payment of the full amount of the fee would cause extreme hardship. Notice of the filing of the appeal shall be filed with the Director within three (3) days of filing with the Commission. Ohio EPA requests that a copy of the appeal be served upon the Ohio Attorney General's Office, Environmental Enforcement Section. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission
309 South Fourth Street, Room 222
Columbus, OH 43215

Sincerely,

Michael W. Ahern, Manager
Permit Issuance and Data Management Section
Division of Air Pollution Control

CC: USEPA

TDES



**Permit To Install
Terms and Conditions**

**Issue Date: 5/6/2008
Effective Date: 5/6/2008**

FINAL PERMIT TO INSTALL 04-01499

Application Number: 04-01499
Facility ID: 0448011240
Permit Fee: **\$600**
Name of Facility: Cenvéo Inc
Person to Contact: John Peters
Address: 1635 Coining Drive
Toledo, OH 43612

Location of proposed air contaminant source(s) [emissions unit(s)]:
**1635 Coining Drive
Toledo, Ohio**

Description of proposed emissions unit(s):
3 sheetfed printing presses.

The above named entity is hereby granted a Permit to Install for the above described emissions unit(s) pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this permit does not constitute expressed or implied approval or agreement that, if constructed or modified in accordance with the plans included in the application, the above described emissions unit(s) of environmental pollutants will operate in compliance with applicable State and Federal laws and regulations, and does not constitute expressed or implied assurance that if constructed or modified in accordance with those plans and specifications, the above described emissions unit(s) of pollutants will be granted the necessary permits to operate (air) or NPDES permits as applicable.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Chris Korleski
Director

Cenveo Inc
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Part I - GENERAL TERMS AND CONDITIONS

A. Permit to Install General Terms and Conditions

1. Compliance Requirements

The emissions unit(s) identified in this Permit to Install shall remain in full compliance with all applicable State laws and regulations and the terms and conditions of this permit.

2. Reporting Requirements

The permittee shall submit required reports in the following manner:

- a. Reports of any required monitoring and/or recordkeeping information shall be submitted to the appropriate Ohio EPA District Office or local air agency.
- b. Except as otherwise may be provided in the terms and conditions for a specific emissions unit, quarterly written reports of (a) any deviations (excursions) from emission limitations, operational restrictions, and control device operating parameter limitations that have been detected by the testing, monitoring, and recordkeeping requirements specified in this permit, (b) the probable cause of such deviations, and (c) any corrective actions or preventive measures which have been or will be taken, shall be submitted to the appropriate Ohio EPA District Office or local air agency. If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted (i.e., postmarked) quarterly by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. (These quarterly reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06.)

3. Records Retention Requirements

Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include, but not be limited to, all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. Such records may be maintained in computerized form.

4. Inspections and Information Requests

The Director of the Ohio EPA, or an authorized representative of the Director, may, subject to the safety requirements of the permittee and without undue delay, enter upon

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the premises of this source at any reasonable time for purposes of making inspections, conducting tests, examining records or reports pertaining to any emission of air contaminants, and determining compliance with any applicable State air pollution laws and regulations and the terms and conditions of this permit. The permittee shall furnish to the Director of the Ohio EPA, or an authorized representative of the Director, upon receipt of a written request and within a reasonable time, any information that may be requested to determine whether cause exists for modifying, reopening or revoking this permit or to determine compliance with this permit. Upon verbal or written request, the permittee shall also furnish to the Director of the Ohio EPA, or an authorized representative of the Director, copies of records required to be kept by this permit.

5. Scheduled Maintenance/Malfunction Reporting

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. The malfunction of any emissions units or any associated air pollution control system(s) shall be reported to the appropriate Ohio EPA District Office or local air agency in accordance with paragraph (B) of OAC rule 3745-15-06. Except as provided in that rule, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of the emissions unit(s) that is (are) served by such control system(s).

6. Permit Transfers

Any transferee of this permit shall assume the responsibilities of the prior permit holder. The appropriate Ohio EPA District Office or local air agency must be notified in writing of any transfer of this permit.

7. Air Pollution Nuisance

The air contaminants emitted by the emissions units covered by this permit shall not cause a public nuisance, in violation of OAC rule 3745-15-07.

8. Termination of Permit to Install

This Permit to Install shall terminate within eighteen months of the effective date of the Permit to Install if the owner or operator has not undertaken a continuing program of installation or modification or has not entered into a binding contractual obligation to undertake and complete within a reasonable time a continuing program of installation or modification. This deadline may be extended by up to 12 months if application is made to the Director within a reasonable time before the termination date and the party shows good cause for any such extension.

9. Construction of New Sources(s)

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The proposed emissions unit(s) shall be constructed in strict accordance with the plans and application submitted for this permit to the Director of the Ohio Environmental Protection Agency. There may be no deviation from the approved plans without the express, written approval of the Agency. Any deviations from the approved plans or the above conditions may lead to such sanctions and penalties as provided under Ohio law. Approval of these plans does not constitute an assurance that the proposed facilities will operate in compliance with all Ohio laws and regulations. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed sources cannot meet the requirements of this permit or cannot meet applicable standards.

If the construction of the proposed emissions unit(s) has already begun or has been completed prior to the date the Director of the Environmental Protection Agency approves the permit application and plans, the approval does not constitute expressed or implied assurance that the proposed facility has been constructed in accordance with the approved plans. The action of beginning and/or completing construction prior to obtaining the Director's approval constitutes a violation of OAC rule 3745-31-02. Furthermore, issuance of the Permit to Install does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. Approval of the plans in any case is not to be construed as an approval of the facility as constructed and/or completed. Moreover, issuance of the Permit to Install is not to be construed as a waiver of any rights that the Ohio Environmental Protection Agency (or other persons) may have against the applicant for starting construction prior to the effective date of the permit. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed facilities cannot meet the requirements of this permit or cannot meet applicable standards.

10. Public Disclosure

The facility is hereby notified that this permit, and all agency records concerning the operation of this permitted source, are subject to public disclosure in accordance with OAC rule 3745-49-03.

11. Applicability

This Permit To Install is applicable only to the emissions unit(s) identified in the Permit To Install. Separate Permit To Install for the installation or modification of any other emissions unit(s) are required for any emissions unit for which a Permit To Install is required.

12. Best Available Technology

As specified in OAC Rule 3745-31-05, all new sources must employ Best Available Technology (BAT). Compliance with the terms and conditions of this permit will fulfill this requirement.

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13. Source Operation and Operating Permit Requirements After Completion of Construction

This facility is permitted to operate each source described by this Permit to Install for a period of up to one year from the date the source commenced operation. This permission to operate is granted only if the facility complies with all requirements contained in this permit and all applicable air pollution laws, regulations, and policies. Pursuant to OAC Chapter 3745-35, the permittee shall submit a complete operating permit application within ninety (90) days after commencing operation of the emissions unit(s) covered by this permit.

14. Construction Compliance Certification

The applicant shall provide Ohio EPA with a written certification (see enclosed form) that the facility has been constructed in accordance with the Permit to Install application and the terms and conditions of the Permit to Install. The certification shall be provided to Ohio EPA upon completion of construction but prior to startup of the source.

15. Fees

The permittee shall pay fees to the Director of the Ohio EPA in accordance with ORC section 3745.11 and OAC Chapter 3745-78. The permittee shall pay all applicable Permit to Install fees within 30 days after the issuance of this Permit to Install.

B. Permit to Install Summary of Allowable Emissions

The following information summarizes the total allowable emissions, by pollutant, based on the individual allowable emissions of each air contaminant source identified in this permit.

**SUMMARY (for informational purposes only)
TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS**

<u>Pollutant</u>	<u>Tons Per Year</u>
VOC	13.8

PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)**A. Applicable Emissions Limitations and/or Control Requirements**

1. The specific operations(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 specified in narrative form following the table.

Operations, Property, and/or Equipment -(K010) - Heidelberg CD102-6+L Perfector Sheetfed Printing Press

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05(A)(3)(b)	See Section A.2.a.
OAC rule 3745-31-05(C)	Volatile organic compound (VOC) emissions shall not exceed 0.76 pound per hour and 3.33 tons per year, as a rolling, 12-month summation of the monthly emissions; and see Section A.2.b.
OAC rule 3745-17-07(A)(1)	Visible particulate emissions, from all stacks serving this emissions unit, shall not exceed 20% opacity as a 6-minute average, except as provided by the rule.
OAC rule 3745-17-11(B)	Particulate emissions shall not exceed 0.551 pound per hour; and see Section A.2.c.

2. Additional Terms and Conditions

- 2.a The Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3) do not apply to the PE and VOC emissions from this air contaminant source since the uncontrolled potential to emit for PE and VOC emissions is less than ten tons per year.
- 2.b Permit to Install 04-01499 for this air contaminant source takes into account the following voluntary restrictions (including the use of any applicable air pollution control equipment) as proposed by the permittee for the purposes of avoiding BAT requirements under OAC rule 3745-31-05(A)(3)(b):

Printing inks: 42,000 lbs/year, with a maximum of 13.64% VOC by weight.

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Fountain solution: 570 gals/year, with a maximum VOC content of 1.88 lbs/gal.

Coatings: 3,960 gals/year, with a maximum VOC content of 0.137 lb/gal.

Clean-up Material: 570 gals/year, with a maximum density of 3.35 lbs/gal.

All clean-up solvent in this emissions unit shall have a vapor pressure less than 10 mmHg at a temperature of 68 F and all used clean-up rags and cleaning materials shall be stored in closed containers.

- 2.c** The uncontrolled mass rate of particulate emissions from this emissions unit should be less than 10 pounds per hour per Engineering Guide #56. Therefore, pursuant to OAC rule 3745-17-11(A)(2)(a)(ii), Figure II of OAC rule 3745-17-11 does not apply.

B. Operational Restrictions

None

C. Monitoring and/or Recordkeeping Requirements

1. The permittee shall collect and record the following information each month for this emissions unit:
 - a. the name and identification number of each material employed (i.e. printing inks, fountain solution, coatings, clean-up material);
 - b. the VOC content in either percent by weight or pounds per gallon as specified in II.A.2.b for each material employed; and
 - d. the amount of each material employed in either pounds or gallons, as specified in II.A.2.b for each material employed.

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

D. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports to the Toledo

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Division of Environmental Services in writing which identify exceedances of all monthly records which show that the material usage or composition exceeds the limitations specified in Section II.A.2.b.

These reports shall be submitted to the Toledo Division of Environmental Services by April 30, July 31, October 31, and January 31, and shall cover the records for the previous calendar quarters. If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that period.

E. Testing Requirements

1. Compliance with the following emission limitations shall be determined in accordance with the following method(s):

- a. Emission Limitation:

VOC emissions shall not exceed 0.76 pound per hour.

Applicable compliance method:

This emission limitation was based on the maximum combined stack and fugitive emissions from ink, fountain solution, coatings, and clean-up solvent using the calculation method specified in Ohio EPA Engineering Guide #56 dated June 15, 1999. If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 through 4 and 25 or 25A, as appropriate, of 40 CFR Part 60, Appendix A to determine stack emissions. Use of Method 25 or 25A is to be selected based on the results of pre-survey stack sampling and U.S. EPA guidance documents. Method 24 of 40 CFR Part 60, Appendix A shall be used to determine the VOC content of the liquid organic materials used. Using the Engineering Guide #56 calculation, add the hourly fugitive emissions based on the actual liquid organic material usage during the stack emissions testing to the stack emission rate to determine the hourly VOC emissions from the line. Alternative U.S. EPA approved test methods may be used with prior written approval from the Ohio EPA.

- b. Emission Limitation:

VOC emissions shall not exceed 3.33 tpy, as a rolling, 12-month summation.

Cenveo Inc**DTI Application: 01-01100****Facility ID:****0448011240**Emissions Unit ID: **K010****Applicable Compliance Method:**

This emission limitation was based on the combined stack and fugitive emissions using the calculation contained in Engineering Guide #56 and the record-keeping requirements contained in Section C.1. Compliance with Section C.1 shall serve as demonstration of compliance with the annual emission limitation.

c. Emission Limitation:

20 percent opacity, as a 6-minute average

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Applicable Compliance Method:

If required, the permittee shall demonstrate compliance with this emission limitation through visible emission observations performed in accordance with Method 9 of 40 CFR Part 60, Appendix A.

d. Emission Limitation:

PE shall not exceed 0.551 pound per hour.

Applicable Compliance Method:

Per Engineering Guide #56, this emissions unit should meet this standard without any additional control measures.

If required, the permittee shall demonstrate compliance with this emissions limitation through emission testing performed in accordance with Methods 1 through 5 of 40 CFR Part 60, Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(10). Alternative U.S. EPA approved test methods may be used with prior written approval from the Ohio EPA.

F. Miscellaneous Requirements

1. Modeling to demonstrate compliance with the Ohio EPA's "Air Toxic Policy" was not necessary because the emission unit's maximum annual emissions for each toxic compound will be less than 1.0 ton. OAC Chapter 3745-31 requires the permittee 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 pollutant that has a listed TLV to increase above 1.0 ton per year may require the permittee to apply for and obtain a new permit to install.

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PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)**A. Applicable Emissions Limitations and/or Control Requirements**

1. The specific operations(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 specified in narrative form following the table.

Operations, Property, and/or Equipment -(K011) - Heidelberg SP 102-6+L Sheetfed Printing Press

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05(A)(3)(b)	See Section A.2.a.
OAC rule 3745-31-05(C)	Volatile organic compound (VOC) emissions shall not exceed 0.73 pound per hour and 3.2 tons per year, as a rolling, 12-month summation of the monthly emissions; and see Section A.2.b.
OAC rule 3745-17-07(A)(1)	Visible particulate emissions, from all stacks serving this emissions unit, shall not exceed 20% opacity as a 6-minute average, except as provided by the rule.
OAC rule 3745-17-11(B)	Particulate emissions shall not exceed 0.551 pound per hour; and see Section A.2.c.

2. Additional Terms and Conditions

- 2.a The Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3) do not apply to the PE and VOC emissions from this air contaminant source since the uncontrolled potential to emit for PE and VOC emissions is less than ten tons per year.
- 2.b Permit to Install 04-01499 for this air contaminant source takes into account the following voluntary restrictions (including the use of any applicable air pollution control equipment) as proposed by the permittee for the purposes of avoiding BAT requirements under OAC rule 3745-31-05(A)(3)(b):

Emissions Unit ID: **K011**

Printing inks: 40,500 lbs/year, with a maximum of 13.64% VOC by weight.

Fountain solution: 270 gals/year, with a maximum VOC content of 1.88 lbs/gal.

Coatings: 2,970 gals/year, with a maximum VOC content of 0.137 lb/gal.

Clean-up Material: 645 gals/year, with a maximum density of 3.35 lbs/gal.

All clean-up solvent in this emissions unit shall have a vapor pressure less than 10 mmHg at a temperature of 68 F and all used clean-up rags and cleaning materials shall be stored in closed containers.

- 2.c** The uncontrolled mass rate of particulate emissions from this emissions unit should be less than 10 pounds per hour per Engineering Guide #56. Therefore, pursuant to OAC rule 3745-17-11(A)(2)(a)(ii), Figure II of OAC rule 3745-17-11 does not apply.

B. Operational Restrictions

None

C. Monitoring and/or Recordkeeping Requirements

1. The permittee shall collect and record the following information each month for this emissions unit:
 - a. the name and identification number of each material employed (i.e. printing inks, fountain solution, coatings, clean-up material);
 - b. the VOC content in either percent by weight or pounds per gallon as specified in II.A.2.b for each material employed; and
 - d. the amount of each material employed in either pounds or gallons, as specified in II.A.2.b for each material employed.

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

D. Reporting Requirements

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1. The permittee shall submit quarterly deviation (excursion) reports to the Toledo Division of Environmental Services in writing which identify exceedances of all monthly records which show that the material usage or composition exceeds the limitations specified in Section II.A.2.b.

These reports shall be submitted to the Toledo Division of Environmental Services by April 30, July 31, October 31, and January 31, and shall cover the records for the previous calendar quarters. If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that period.

E. Testing Requirements

1. Compliance with the following emission limitations shall be determined in accordance with the following method(s):

- a. Emission Limitation:

VOC emissions shall not exceed 0.73 pound per hour.

Applicable compliance method:

This emission limitation was based on the maximum combined stack and fugitive emissions from ink, fountain solution, coatings, and clean-up solvent using the calculation method specified in Ohio EPA Engineering Guide #56 dated June 15, 1999. If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 through 4 and 25 or 25A, as appropriate, of 40 CFR Part 60, Appendix A to determine stack emissions. Use of Method 25 or 25A is to be selected based on the results of pre-survey stack sampling and U.S. EPA guidance documents. Method 24 of 40 CFR Part 60, Appendix A shall be used to determine the VOC content of the liquid organic materials used. Using the Engineering Guide #56 calculation, add the hourly fugitive emissions based on the actual liquid organic material usage during the stack emissions testing to the stack emission rate to determine the hourly VOC emissions from the line. Alternative U.S. EPA approved test methods may be used with prior written approval from the Ohio EPA.

- b. Emission Limitation:

Emissions Unit ID: **K011**

VOC emissions shall not exceed 3.2 tpy, as a rolling, 12-month summation.

Applicable Compliance Method:

This emission limitation was based on the combined stack and fugitive emissions using the calculation contained in Engineering Guide #56 and the record-keeping requirements contained in Section C.1. Compliance with Section C.1 shall serve as demonstration of compliance with the annual emission limitation.

c. Emission Limitation:

20 percent opacity, as a 6-minute average

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Applicable Compliance Method:

If required, the permittee shall demonstrate compliance with this emission limitation through visible emission observations performed in accordance with Method 9 of 40 CFR Part 60, Appendix A.

d. Emission Limitation:

PE shall not exceed 0.551 pound per hour.

Applicable Compliance Method:

Per Engineering Guide #56, this emissions unit should meet this standard without any additional control measures.

If required, the permittee shall demonstrate compliance with this emissions limitation through emission testing performed in accordance with Methods 1 through 5 of 40 CFR Part 60, Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(10). Alternative U.S. EPA approved test methods may be used with prior written approval from the Ohio EPA.

F. Miscellaneous Requirements

1. Modeling to demonstrate compliance with the Ohio EPA's "Air Toxic Policy" was not necessary because the emission unit's maximum annual emissions for each toxic compound will be less than 1.0 ton. OAC Chapter 3745-31 requires the permittee to apply for an 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 pollutant that has a listed TLV to increase above 1.0 ton per year may require the permittee to apply for and obtain a new permit to install.

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PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)**A. Applicable Emissions Limitations and/or Control Requirements**

1. The specific operations(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 specified in narrative form following the table.

Operations, Property, and/or Equipment -(K012) - Manroland 906/8LV Sheetfed Printing Press

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05(A)(3)(b)	See Section A.2.a.
OAC rule 3745-31-05(C)	Volatile organic compound (VOC) emissions shall not exceed 1.66 pounds per hour and 7.27 tons per year, as a rolling, 12-month summation of the monthly emissions; and see Section A.2.b.
OAC rule 3745-17-07(A)(1)	Visible particulate emissions, from all stacks serving this emissions unit, shall not exceed 20% opacity as a 6-minute average, except as provided by the rule.
OAC rule 3745-17-11(B)	Particulate emissions shall not exceed 0.551 pound per hour; and see Section A.2.c.

2. Additional Terms and Conditions

- 2.a The Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3) do not apply to the PE and VOC emissions from this air contaminant source since the uncontrolled potential to emit for PE and VOC emissions is less than ten tons per year.
- 2.b Permit to Install 04-01499 for this air contaminant source takes into account the following voluntary restrictions (including the use of any applicable air pollution control equipment) as proposed by the permittee for the purposes of avoiding BAT requirements under OAC rule 3745-31-05(A)(3)(b):

Printing inks: 102,000 lbs/year, with a maximum of 13.64% VOC by weight.

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Fountain solution: 220 gals/year, with a maximum VOC content of 1.88 lbs/gal.

Coatings: 11,220 gals/year, with a maximum VOC content of 0.137 lb/gal.

Clean-up Material: 720 gals/year, with a maximum density of 3.35 lbs/gal.

All clean-up solvent in this emissions unit shall have a vapor pressure less than 10 mmHg at a temperature of 68 F and all used clean-up rags and cleaning materials shall be stored in closed containers.

- 2.c** The uncontrolled mass rate of particulate emissions from this emissions unit should be less than 10 pounds per hour per Engineering Guide #56. Therefore, pursuant to OAC rule 3745-17-11(A)(2)(a)(ii), Figure II of OAC rule 3745-17-11 does not apply.

B. Operational Restrictions

None

C. Monitoring and/or Recordkeeping Requirements

1. The permittee shall collect and record the following information each month for this emissions unit:
 - a. the name and identification number of each material employed (i.e. printing inks, fountain solution, coatings, clean-up material);
 - b. the VOC content in either percent by weight or pounds per gallon as specified in II.A.2.b for each material employed; and
 - d. the amount of each material employed in either pounds or gallons, as specified in II.A.2.b for each material employed.

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

D. Reporting Requirements

Emissions Unit ID: **K012**

1. The permittee shall submit quarterly deviation (excursion) reports to the Toledo Division of Environmental Services in writing which identify exceedances of all monthly records which show that the material usage or composition exceeds the limitations specified in Section II.A.2.b.

These reports shall be submitted to the Toledo Division of Environmental Services by April 30, July 31, October 31, and January 31, and shall cover the records for the previous calendar quarters. If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that period.

E. Testing Requirements

1. Compliance with the following emission limitations shall be determined in accordance with the following method(s):

- a. Emission Limitation:

VOC emissions shall not exceed 1.66 pounds per hour.

Applicable compliance method:

This emission limitation was based on the maximum combined stack and fugitive emissions from ink, fountain solution, coatings, and clean-up solvent using the calculation method specified in Ohio EPA Engineering Guide #56 dated June 15, 1999. If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 through 4 and 25 or 25A, as appropriate, of 40 CFR Part 60, Appendix A to determine stack emissions. Use of Method 25 or 25A is to be selected based on the results of pre-survey stack sampling and U.S. EPA guidance documents. Method 24 of 40 CFR Part 60, Appendix A shall be used to determine the VOC content of the liquid organic materials used. Using the Engineering Guide #56 calculation, add the hourly fugitive emissions based on the actual liquid organic material usage during the stack emissions testing to the stack emission rate to determine the hourly VOC emissions from the line. Alternative U.S. EPA approved test methods may be used with prior written approval from the Ohio EPA.

- b. Emission Limitation:

VOC emissions shall not exceed 7.27 tpy, as a rolling, 12-month summation.

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Applicable Compliance Method:

This emission limitation was based on the combined stack and fugitive emissions using the calculation contained in Engineering Guide #56 and the record-keeping requirements contained in Section C.1. Compliance with Section C.1 shall serve as demonstration of compliance with the annual emission limitation.

c. Emission Limitation:

20 percent opacity, as a 6-minute average

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Applicable Compliance Method:

If required, the permittee shall demonstrate compliance with this emission limitation through visible emission observations performed in accordance with Method 9 of 40 CFR Part 60, Appendix A.

d. Emission Limitation:

PE shall not exceed 0.551 pound per hour.

Applicable Compliance Method:

Per Engineering Guide #56, this emissions unit should meet this standard without any additional control measures.

If required, the permittee shall demonstrate compliance with this emissions limitation through emission testing performed in accordance with Methods 1 through 5 of 40 CFR Part 60, Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(10). Alternative U.S. EPA approved test methods may be used with prior written approval from the Ohio EPA.

F. Miscellaneous Requirements

1. Modeling to demonstrate compliance with the Ohio EPA's "Air Toxic Policy" was not necessary because the emission unit's maximum annual emissions for each toxic compound will be less than 1.0 ton. OAC Chapter 3745-31 requires the permittee 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 pollutant that has a listed TLV to increase above 1.0 ton per year may require the permittee to apply for and obtain a new permit to install.