



State of Ohio Environmental Protection Agency

**RE: FINAL PERMIT TO INSTALL MODIFICATION
BUTLER COUNTY**

CERTIFIED MAIL

Street Address:

122 S. Front Street

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

Mailing Address:

Lazarus Gov. Center
P.O. Box 1049

Application No: 14-01985

DATE: 5/9/2002

CIP International
Douglas Weaver
9575 LeSaint Drive
Fairfield, OH 45014

Enclosed Please find a modification to the Ohio EPA Permit To Install referenced above which will modify the terms and conditions.

You are hereby notified that this action by the Director is final and may be appealed to the Ohio Environmental Review Appeals Commission pursuant to Chapter 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. It must be filed within thirty (30) days after the notice of the Directors action. A copy of the appeal must be served on the Director of the Ohio Environmental Protection Agency within three (3) days of filing with the Commission. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission
236 East Town Street, Room 300
Columbus, Ohio 43215

Very truly yours,

Thomas G. Rigo, Manager
Field Operations and Permit Section
Division of Air Pollution Control

CC: USEPA

HCDES



STATE OF OHIO ENVIRONMENTAL PROTECTION AGENCY

**Permit To Install
Terms and Conditions**

**Issue Date: 5/9/2002
Effective Date: 5/9/2002**

FINAL ADMINISTRATIVE MODIFICATION OF PERMIT TO INSTALL 14-01985

Application Number: 14-01985
APS Premise Number: 1409030664
Permit Fee: **\$200**
Name of Facility: CIP International
Person to Contact: Douglas Weaver
Address: 9575 LeSaint Drive
Fairfield, OH 45014

Location of proposed air contaminant source(s) [emissions unit(s)]:

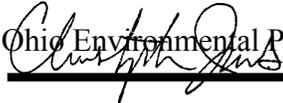
**9575 LeSaint Drive
Fairfield, Ohio**

Description of proposed emissions unit(s):

Administrative modification to PTI 14-01985, issued August 14, 1996, to allow a higher OC per gallon of coating.

The above named entity is hereby granted a modification to the permit to install described above pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this modification 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 source(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 included in the application, the above described source(s) of pollutants will be granted the necessary operating permits.

This permit is granted subject to the conditions attached hereto.


Ohio Environmental Protection Agency

Director

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 Related to Monitoring and Record keeping Requirements

The permittee shall submit required reports in the following manner:

- a. Reports of any required monitoring and/or record keeping 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 record keeping 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 quarterly, i.e., 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 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)

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

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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 application must be made to the Director for the installation or modification of any other emissions unit(s).

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.

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

- a. If the permittee is required to apply for a Title V permit pursuant to OAC Chapter 3745-77, the permittee shall submit a complete Title V permit application or a complete Title V permit modification application within twelve (12) months after commencing operation of the emissions units covered by this permit. However, if the proposed new or

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modified source(s) would be prohibited by the terms and conditions of an existing Title V permit, a Title V permit modification must be obtained before the operation of such new or modified source(s) pursuant to OAC rule 3745-77-04(D) and OAC rule 3745-77-08(C)(3)(d).

- b. If the permittee is required to apply for permit(s) pursuant to OAC Chapter 3745-35, the source(s) identified in this Permit To Install is (are) permitted to operate for a period of up to one year from the date the source(s) commenced operation. 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 thirty (30) days after commencing operation of the source(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>
PM	0.48
PM ₁₀	0.15
VOC	14.6

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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
P001 - Woodworking Line with cyclone and fabric filter	OAC rule 3745-31-05(A)(3)	0.11 lb/hr and 0.48 TPY PM 0.04 lb/hr and 0.15 TPY PM ₁₀
		The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-07 (A)(1)
	OAC rule 3745-17-07(A)(1)	Visible particulate emissions shall not exceed 20 percent opacity, as a six minute average, except as specified by rule.
	OAC rule 3745-17-11	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-21-05(A)(3)

2. Additional Terms and Conditions

- 2.a Compliance with OAC rule 3745-31-05(A)(3) shall be demonstrated by emission limits and the use of a cyclone and fabric filter.
- 2.b The hourly and annual emission limitations outlined are based on the emission unit's Potential to Emit (PTE). Therefore, no records or reports are required to demonstrate compliance with these limits.

B. Operational Restrictions

None

C. Monitoring and/or Record keeping Requirements

None

D. Reporting Requirements

None

E. Testing Requirements

1. Compliance with the emissions limitations in term A.1. has been demonstrated based on a maximum sawdust production rate of 50 pounds per hour and a cyclone control efficiency of 89% vented to a fabric filter with a control efficiency of 98%. The PM₁₀ emissions were determined to be 32.1% of the PM emissions.

F. Miscellaneous Requirements

1. The terms and conditions of this permit to install shall supersede the terms and conditions of permit to install number 14-01985 issued on August 14, 1996.

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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
R001 - Paint Spray Booth A - modification	OAC rule 3745-31-05(A)(3)	8.0 lbs/hr OC, including cleanup 40.0 lbs/day OC, including cleanup 7.3 TPY OC, including cleanup See terms A.2.b., A.2.c., A.2.d., B.1., B.2. and B.3. The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-07(G)(2).
	OAC rule 3745-21-07(G)(2)	The requirements established pursuant to this rule are equivalent to the requirements of OAC rule 3745-31-05(A)(3).

2. Additional Terms and Conditions

- 2.a Compliance with OAC rule 3745-31-05(A)(3) shall be demonstrated by coating and cleanup material usage restrictions, OC content limitations and emissions limitations .
- 2.b The organic compound (OC) content of each water-reducible coating employed in this emissions unit shall not exceed 1.5 pounds of OC per gallon of coating, as applied, based on a daily volume-weighted average.

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- 2.c The organic compound (OC) content of the solvent-based coatings employed in this emissions unit shall not exceed 6.0 pounds of OC per gallon, as applied.
- 2.d The organic compound (OC) content of the cleanup material used for solvent-based coatings shall not exceed 8 pounds per gallon.

B. Operational Restrictions

- 1. The maximum usage rate for water-reducible coatings employed in this emissions unit shall not exceed 26.6 gallons per day.
- 2. The maximum usage rate for the solvent-based coatings employed in this emissions unit shall not exceed 6 gallons per day.
- 3. The maximum usage rate for the cleanup materials employed in this emissions unit shall not exceed 0.5 gallon per day and 50 gallons per year.

C. Monitoring and/or Record keeping Requirements

- 1. The permittee shall collect and record the following information each day for this emissions unit:
 - a. The company identification of each coating and cleanup material employed.
 - b. A record indicating whether each coating employed is a water-reducible coating or a solvent-based coating.
 - c. The volume, in gallons, of each water-reducible coating, solvent-based coating and cleanup material employed.
 - d. The total volume, in gallons, of all water-reducible coatings, solvent-based coatings and cleanup materials employed.
 - e. The OC content of each water-reducible coating employed, in pounds per gallon.
 - f. The daily volume-weighted average OC content of all water-reducible coatings, as applied, calculated in accordance with the equation specified in paragraph (B)(9) of OAC rule 3745-21-10 for $C_{VOC,2}$.
 - g. The OC content for each solvent-based coating employed, in pounds per gallon.

Emissions Unit ID: R001

- h. The OC content for each cleanup material employed, in pounds per gallon.
- i. The total organic compound emission rate for all coatings (water-reducible and solvent-based) and cleanup materials, in pounds per day [$\text{©} \times \text{e}$] + $\text{©} \times \text{g}$ + $\text{©} \times \text{h}$ for each coating and cleanup material employed].
- j. The total number of hours the emissions unit was in operation.
- k. The average hourly organic compound emission rate for all coatings (water-reducible and solvent-based) and cleanup materials, i.e., (i)/(j), in pounds per hour (average).

D. Reporting Requirements

1. The permittee shall notify the Director (the appropriate Ohio EPA District Office or local air agency) in writing of any record showing the use of noncomplying coatings and/or cleanup materials (i.e., for OC contents) in this emissions unit. The notification shall include a copy of such record and shall be sent to the Director (the appropriate Ohio EPA District Office or local air agency) within 30 days following the end of the calendar month.
2. The permittee shall submit quarterly deviation (excursion) reports which include the following information:
 - a. An identification of each day during which the average hourly organic compound emissions from the coatings (water-reducible and solvent-based) and cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day.
 - b. An identification of each day during which the organic compound emissions from the coatings and cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.
 - c. An identification of each day during which the water-reducible coatings usage rate exceeded 26.6 gallons per day, and the actual gallon usage rate for each such day.
 - d. An identification of each day during which the solvent-based coatings usage rate exceeded 6 gallons per day, and the actual gallon usage rate for each such day.
 - e. An identification of each day during which the cleanup material usage rate exceeded 0.5 gallon per day, and the actual gallon usage rate for each such day.
3. The permittee shall submit annual reports which identify any exceedances of the annual cleanup

material usage limitation, as well as the corrective actions that were taken to achieve compliance. These reports shall be submitted by January 31 of each year.

4. The permittee shall submit annual reports which specify the total organic compound emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.
5. The deviation reports shall be submitted in accordance with the reporting requirements of the General Terms and Conditions of this permit.

E. Testing Requirements

1. Compliance with the emission limitations in terms A.1. and A.2. shall be based upon the record keeping requirements in term C.1.
2. Compliance with the usage limitations in terms B.1, B.2 and B.3 shall be based upon the record keeping requirements in term C.1.
3. 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 OC contents of the inks and coatings.

F. Miscellaneous Requirements

1. The terms and conditions of this permit to install shall supersede the terms and conditions of permit to install number 14-01985 issued on August 14, 1996.

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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
R002 - Paint Spray Booth B - modification	OAC rule 3745-31-05(A)(3)	8.0 lbs/hr OC, including cleanup 40.0 lbs/day OC, including cleanup 7.3 TPY OC, including cleanup
		See terms A.2.b., A.2.c., A.2.d., B.1., B.2. and B.3.
		The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-07(G)(2).
	OAC rule 3745-21-07(G)(2)	The requirements established pursuant to this rule are equivalent to the requirements of OAC rule 3745-31-05(A)(3).

2. Additional Terms and Conditions

- 2.a Compliance with OAC rule 3745-31-05(A)(3) shall be demonstrated by coating and cleanup material usage restrictions, OC content limitations and emissions limitations .
- 2.b The organic compound (OC) content of each water-reducible coating employed in this emissions unit shall not exceed 1.5 pounds of OC per gallon of coating, as applied, based on a daily volume-weighted average.

Modification Issued: 5/9/2002

- 2.c The organic compound (OC) content of each solvent-based coatings employed in this emissions unit shall not exceed 6.0 pounds of OC per gallon, as applied.
- 2.d The organic compound (OC) content of the cleanup material used for solvent-based coatings shall not exceed 8 pounds per gallon.

B. Operational Restrictions

- 1. The maximum usage rate for water-reducible coatings employed in this emissions unit shall not exceed 26.6 gallons per day.
- 2. The maximum usage rate for the solvent-based coatings employed in this emissions unit shall not exceed 6 gallons per day.
- 3. The maximum usage rate for the cleanup materials employed in this emissions unit shall not exceed 0.5 gallon per day and 50 gallons per year.

C. Monitoring and/or Record keeping Requirements

- 1. The permittee shall collect and record the following information each day for this emissions unit:
 - a. The company identification of each coating and cleanup material employed.
 - b. A record indicating whether each coating employed is a water-reducible coating or a solvent-based coating.
 - c. The volume, in gallons, of each water-reducible coating, solvent-based coating and cleanup material employed.
 - d. The total volume, in gallons, of all water-reducible coatings, solvent-based coatings and cleanup materials employed.
 - e. The OC content of each water-reducible coating employed, in pounds per gallon.
 - f. The daily volume-weighted average OC content of all water-reducible coatings, as applied, calculated in accordance with the equation specified in paragraph (B)(9) of OAC rule 3745-21-10 for $C_{VOC,2}$.
 - g. The OC content for each solvent-based coating employed, in pounds per gallon.

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- h. The OC content for each cleanup material employed, in pounds per gallon.
- i. The total organic compound emission rate for all coatings (water-reducible and solvent-based) and cleanup materials, in pounds per day [$\text{C} \times \text{e}$] + $\text{C} \times \text{g}$ + $\text{C} \times \text{h}$ for each coating and cleanup material employed].
- j. The total number of hours the emissions unit was in operation.
- k. The average hourly organic compound emission rate for all coatings (water-reducible and solvent-based) and cleanup materials, i.e., (i)/(j), in pounds per hour (average).

D. Reporting Requirements

1. The permittee shall notify the Director (the appropriate Ohio EPA District Office or local air agency) in writing of any record showing the use of noncomplying coatings and/or cleanup materials (i.e., for OC contents) in this emissions unit. The notification shall include a copy of such record and shall be sent to the Director (the appropriate Ohio EPA District Office or local air agency) within 30 days following the end of the calendar month.
2. The permittee shall submit quarterly deviation (excursion) reports which include the following information:
 - a. An identification of each day during which the average hourly organic compound emissions from the coatings (water-reducible and solvent-based) and cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day.
 - b. An identification of each day during which the organic compound emissions from the coatings and cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.
 - c. An identification of each day during which the water-reducible coatings usage rate exceeded 26.6 gallons per day, and the actual gallon usage rate for each such day.
 - d. An identification of each day during which the solvent-based coatings usage rate exceeded 6 gallons per day, and the actual gallon usage rate for each such day.
 - e. An identification of each day during which the cleanup material usage rate exceeded 0.5 gallon per day, and the actual gallon usage rate for each such day.

Emissions Unit ID: R002

3. The permittee shall submit annual reports which identify any exceedances of the annual cleanup material usage limitation, as well as the corrective actions that were taken to achieve compliance. These reports shall be submitted by January 31 of each year.
4. The permittee shall submit annual reports which specify the total organic compound emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.
5. The deviation reports shall be submitted in accordance with the reporting requirements of the General Terms and Conditions of this permit.

E. Testing Requirements

1. Compliance with the emission limitations in terms A.1. and A.2. shall be based upon the record keeping requirements in term C.1.
2. Compliance with the usage limitations in terms B.1, B.2 and B.3 shall be based upon the record keeping requirements in term C.1.
3. 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 OC contents of the inks and coatings.

F. Miscellaneous Requirements

1. The terms and conditions of this permit to install shall supersede the terms and conditions of permit to install number 14-01985 issued on August 14, 1996.