



State of Ohio Environmental Protection Agency

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

CERTIFIED MAIL

Street Address:

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

Mailing Address:

Lazarus Gov.
Center

Application No: 01-05165

DATE: 6/10/2003

Honda of America Mfg., Inc.
Stephen Fogle
24000 Honda Parkway
Marysville, OH 43040-9190

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 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,

Michael W. Ahern

Michael W. Ahern, Supervisor
Field Operations and Permit Section
Division of Air Pollution Control

CC: USEPA

CDO



STATE OF OHIO ENVIRONMENTAL PROTECTION AGENCY

**Permit To Install
Terms and Conditions**

**Issue Date: 6/10/2003
Effective Date: 6/10/2003**

FINAL PERMIT TO INSTALL 01-05165

Application Number: 01-05165
APS Premise Number: 0180000130
Permit Fee: **\$200**
Name of Facility: Honda of America Mfg., Inc.
Person to Contact: Stephen Fogle
Address: 24000 Honda Parkway
Marysville, OH 43040-9190

Location of proposed air contaminant source(s) [emissions unit(s)]:
24000 Honda Parkway
Marysville, Ohio

Description of proposed emissions unit(s):
Material test lab.

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



Director

Part I - GENERAL TERMS AND CONDITIONS

A. State and Federally Enforceable Permit To Install General Terms and Conditions

1. Monitoring and Related Recordkeeping and Reporting Requirements

- a. Except as may otherwise be provided in the terms and conditions for a specific emissions unit, the permittee shall maintain records that include the following, where applicable, for any required monitoring under this permit:
 - i. The date, place (as defined in the permit), and time of sampling or measurements.
 - ii. The date(s) analyses were performed.
 - iii. The company or entity that performed the analyses.
 - iv. The analytical techniques or methods used.
 - v. The results of such analyses.
 - vi. The operating conditions existing at the time of sampling or measurement.
- b. 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.
- c. Except as may otherwise be provided in the terms and conditions for a specific emissions unit, the permittee shall submit required reports in the following manner:
 - i. Reports of any required monitoring and/or recordkeeping of federally enforceable information shall be submitted to the appropriate Ohio EPA District Office or local air agency.
 - ii. Quarterly written reports of (i) any deviations from federally enforceable emission limitations, operational restrictions, and control device operating parameter limitations, excluding deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06, that have been detected by the testing, monitoring and recordkeeping requirements specified in this permit, (ii) the probable cause of such deviations, and (iii) any corrective actions or preventive measures taken, shall be made to the appropriate Ohio EPA District Office or local air agency. The written 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. See B.9 below if no deviations occurred during the quarter.

- iii. Written reports, which identify any deviations from the federally enforceable monitoring, recordkeeping, and reporting requirements contained in this permit shall be submitted to the appropriate Ohio EPA District Office or local air agency every six months, i.e., by January 31 and July 31 of each year for the previous six calendar months. If no deviations occurred during a six-month period, the permittee shall submit a semi-annual report, which states that no deviations occurred during that period.
- iv. Each written report shall be signed by a responsible official certifying that, based on information and belief formed after reasonable inquiry, the statements and information in the report are true, accurate, and complete.

2. 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, i.e., upset, 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. (The definition of an upset condition shall be the same as that used in OAC rule 3745-15-06(B)(1) for a malfunction.) The verbal and written reports shall be submitted pursuant to 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 emission unit(s) that is (are) served by such control system(s).

3. Risk Management Plans

If the permittee is required to develop and register a risk management plan pursuant to section 112(r) of the Clean Air Act, as amended, 42 U.S.C. 7401 et seq. ("Act"), the permittee shall comply with the requirement to register such a plan.

4. Title IV Provisions

If the permittee is subject to the requirements of 40 CFR Part 72 concerning acid rain, the permittee shall ensure that any affected emissions unit complies with those requirements. Emissions exceeding any allowances that are lawfully held under Title IV of the Act, or any regulations adopted thereunder, are prohibited.

5. Severability Clause

A determination that any term or condition of this permit is invalid shall not invalidate the force or effect of any other term or condition thereof, except to the extent that any other term or condition depends in whole or in part for its operation or implementation upon the term or condition declared invalid.

6. General Requirements

- a. The permittee must comply with all terms and conditions of this permit. Any noncompliance with the federally enforceable terms and conditions of this permit constitutes a violation of the Act, and is grounds for enforcement action or for permit revocation, revocation and reissuance, or modification, or for denial of a permit renewal application.
- b. It shall not be a defense for the permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the federally enforceable terms and conditions of this permit.
- c. This permit may be modified, reopened, revoked, or revoked and reissued, for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or revocation, or of a notification of planned changes or anticipated noncompliance does not stay any term and condition of this permit.
- d. This permit does not convey any property rights of any sort, or any exclusive privilege.
- e. 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 request, the permittee shall also furnish to the Director or an authorized representative of the Director, copies of records required to be kept by this permit. For information claimed to be confidential in the submittal to the Director, if the Administrator of the U.S. EPA requests such information, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality.

7. 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.

8. Federal and State Enforceability

Only those terms and conditions designated in this permit as federally enforceable, that are

required under the Act, or any of its applicable requirements, including relevant provisions designed to limit the potential to emit of a source, are enforceable by the Administrator of the U.S. EPA, the State, and citizens under the Act. All other terms and conditions of this permit shall not be federally enforceable and shall be enforceable under State law only.

9. Compliance Requirements

- a. Any document (including reports) required to be submitted and required by a federally applicable requirement in this permit shall include a certification by a responsible official that, based on information and belief formed after reasonable inquiry, the statements in the document are true, accurate, and complete.
- b. Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the Director of the Ohio EPA or an authorized representative of the Director to:
 - i. At reasonable times, enter upon the permittee's premises where a source is located or the emissions-related activity is conducted, or where records must be kept under the conditions of this permit.
 - ii. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit, subject to the protection from disclosure to the public of confidential information consistent with ORC section 3704.08.
 - iii. Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit.
 - iv. As authorized by the Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit and applicable requirements.
- c. The permittee shall submit progress reports to the appropriate Ohio EPA District Office or local air agency concerning any schedule of compliance for meeting an applicable requirement. Progress reports shall be submitted semiannually, or more frequently if specified in the applicable requirement or by the Director of the Ohio EPA. Progress reports shall contain the following:
 - i. Dates for achieving the activities, milestones, or compliance required in any schedule of compliance, and dates when such activities, milestones, or compliance were achieved.
 - ii. An explanation of why any dates in any schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.

10. Permit To Operate Application

- 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 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 ninety (90) days after commencing operation of the source(s) covered by this permit.

11. 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.

12. 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.

B. State Only Enforceable 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 of state-only enforceable 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 state-only required 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 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. Permit Transfers

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.

4. 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.

5. 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 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.

6. 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.

7. 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).

8. Construction Compliance Certification

Honda of America Mfg., Inc.
 PTI Application: **01-05165**
Issued: 6/10/2003

Facility ID: **0180000130**

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.

9. Additional Reporting Requirements When There Are No Deviations of Federally Enforceable Emission Limitations, Operational Restrictions, or Control Device Operating Parameter Limitations (See Section A of This Permit)

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.

C. 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>
OC	12.0
Particulate	0.58

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Issued

Facility ID: **0180000130**

Emissions Unit ID: R016

Part II - FACILITY SPECIFIC TERMS AND CONDITIONS

A. State and Federally Enforceable Permit To Install Facility Specific Terms and Conditions

None

B. State Only Enforceable Permit To Install Facility Specific Terms and Conditions

None

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. 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>	
R016 - Materials Test Lab (MTL) coating operations with electric drying oven (modification)	OAC rule 3745-31-05(A)(3)	OAC rule 3745-21-09 (U)
		OAC rule 3745-17-07(A)(1)
		OAC rule 3745-17-11(B)(1)
	OAC rule 3745-31-05(D)	
		OAC rule 3745-21-07(G)

Issued: 6/10/2003

Applicable Emissions <u>Limitations/Control</u> <u>Measures</u>	Pursuant to OAC rule 3745-21-09(U)(2)(e)(ii), this emissions unit is exempt from the limits specified in OAC rule
The total coating usage shall not exceed 10 gallons per day when coating metal parts.	3745-21-09(U) because the emission unit's maximum daily coating usage is less than ten gallons per day.
Particulate emissions from over spray shall not exceed 0.58 ton/yr.	Visible particulate emissions shall not exceed twenty percent opacity as a six-minute average, except as provided by rule.
The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07(A)(1), 3745-17-11(B)(1), 3745-21-07(G), 3745-21-09(U), and 3745-31-05(D).	Particulate emissions (PE) from coating over spray shall not exceed 0.551 lb/hr.
Organic compound (OC) emissions shall not exceed 12.0 tons per rolling, 12-month period from the coating and cleanup operations.	
The net coating and cleanup material usage shall not exceed 4,690 net gallons per rolling, 12-month period (in any combination of waterborne or solvent borne coatings). See A.I.2.b below.	
See Section A.I.2.c below.	

2. Additional Terms and Conditions

2.a In order to test the spray applicator's effect, coatings being tested in MTL can be applied in the Final Repair Booth (K007). Honda shall include the emissions from this application of MTL test coatings in the Final Repair paint booth as part of the emissions calculated for this emissions unit (MTL).

2.b Net gallons and OC emissions may be calculated using the difference between materials used, minus materials collected for off-site recovery, recycle, and/or disposal. This may include any combination of waterborne and solvent borne coatings and cleanup materials. A composite sample of each shipment of recovered materials, including any combination of coating, cleanup, and purge, shall be collected and tested (on or off-site), using USEPA Method 24, to determine the OC content. The OC emissions credit shall be calculated using the test result(s) of each shipment along with the amount of recovered materials each composite sample represents.

If coatings, purge, and/or cleanup materials from the material test lab operations are added to the "plant's" solvent recovery, for off-site recycle and/or disposal, and if a credit for recovered material(s) is used to show compliance with the 12.0 tons of OC per year, MTL limit, the credit for the recovered material shall be calculated proportionately, according to this emissions unit's OC contribution to the shipment, and records of the recovered material shall be maintained as required in Section A.III.1. No OC credit, to the MTL emissions, shall be calculated using a volume or weight of recovered material greater than that which was added to the recovery container(s) from R016 operations during any month, nor an OC concentration greater than the recovered material's OC testing result(s) and MSDS/product information sheet(s) of the material(s) collected. Materials not included as "used" in the material test lab operations (materials collected from other emission units) shall also not be included in the credit to these emissions and material use (gallons).

The credit to the facility emissions shall be calculated after Method 24 testing results have been received. The calculated credit to emissions may be applied to the 12-month rolling emissions in the month the material is shipped off-site, in the month the testing results are received, may be divided between the months in which the material was collected, or may be saved for credit to be applied in the following month or months, equal to the number of months the material was collected in the recovery tank(s).

2.c This emissions unit shall use only non-photochemically reactive materials, as defined in OAC rule 3745-21-01(C)(5), or materials exempt per OAC 3745-21-07(G)(9) when coating non-metal parts.

II. Operational Restrictions

1. For the purpose of demonstrating compliance during the initial twelve months of operation covered by this permit, the rolling, 12-month coating usage (gallons per rolling, 12-month period) and OC emissions shall be calculated based upon the actual coating usage and OC emissions from this emissions unit initially including the twelve month period prior to issuance of this PTI and rolling with each passing month.
2. The permittee shall operate the water curtain whenever spray coating is applied in this emissions unit.
3. The permittee shall not employ more than ten gallons of coating per day in this emissions unit.

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall collect and record the following information each day for the coating line:
 - a. The company identification of each coating employed.
 - b. The volume, in gallons, of each coating employed.
 - c. The total volume, in gallons, of all of the coatings employed.
2. The permittee shall collect and record the following information each month for this emissions unit:
 - a. The company identification of each coating and cleanup material employed and the material(s) to which they were/are employed (metal or non-metal).
 - b. The OC content and the number of gallons (or part gallon) of each coating and cleanup material applied to non-metal parts .
 - c. The VOC content and the number of gallons of each coating, thinning solvent and cleanup material applied to metal parts.
 - d. The calculated total OC emission rate for all coating, thinning solvent, purge, and cleanup materials, in pound per month, prior to credit for recovered materials.
 - e. If a credit for recovered materials is to be used, the total amount (in gallons) of purge, cleanup material, and coating collected and shipped for recycle/recovery and/or disposal at an outside facility, and the mass of OC to be credited to the calculations of the coating operation's emissions, to demonstrate compliance with the limit in Section A.I.1, tested and calculated as per Section A.I.2.b.
 - f. If a credit for recovered materials is used, the net OC emissions from all coatings and

Emissions Unit ID: R016

cleanup/purge materials employed, in pounds or tons per month.

- g. The total rolling 12-month net usage of coating and cleanup material in gallons (total gallon usage minus materials collected and shipped for recycle and/or disposal at outside facility during the month).
 - h. The total rolling 12-month OC emissions from all coatings and cleanup materials, in tons. Twelve-month rolling emissions from the emissions unit shall be calculated by adding the current monthly emission calculations from the emissions unit to the previous 11 month's emission calculations.
3. The permittee shall maintain records that document any time periods when the water curtain was not in service when spray coating was applied in this emissions unit.
 4. The permittee shall maintain records of the date the recovery tanks are emptied and recovered materials shipped off-site.

IV. Reporting Requirements

1. The permittee shall notify the Director (the appropriate Ohio EPA District Office or local air agency) in writing of any daily record showing that the coating line employs more than the applicable maximum daily coating usage limit. The notification shall include a copy of such record and shall be sent to the Director (the appropriate Ohio EPA District Office or local air agency) within 45 days after the exceedance occurs.
2. The permittee shall submit quarterly deviation (excursion) reports which identify any record showing the application of a photochemically reactive material to non-metal in this emission unit.
3. The permittee shall submit quarterly deviation (excursion) reports which identify any record showing that the water curtain was not in service when the emissions unit was in operation while applying a spray coating and shall include any corrective actions taken.
4. The permittee shall submit quarterly deviation (excursion) reports which identify any record of an exceedance of the 12-month rolling OC emission limitation and/or material usage limitation.
5. All quarterly deviation reports shall be submitted as required in the General Terms and Conditions, Part 1, Section A.1.c.
6. The permittee shall submit annual reports which specify the total OC emissions from this emissions unit for the previous calendar year. The reports shall be submitted by April 15 of each year. This reporting requirement may be satisfied by including and identifying the specific emission data for this emissions unit in the annual Fee Emission Report.

V. Testing Requirements

1. Compliance with the limitations contained in this permit shall be determined in accordance with the following methods:
 - a. Emission Limitation:
12.0 tons OC per rolling, 12-month period

Applicable Compliance Method:
Compliance with the rolling, 12-month OC limitation shall be determined through the record keeping specified in Section III.1.h above.

Formulation data from the manufacturer or USEPA Method 24 shall be used to determine the OC content of the coatings, to be used in the calculation of emissions.
 - b. Emission Limitation:
The total coating usage shall not exceed 10 gallons per day.

Applicable Compliance Method
Compliance with the daily coating usage limitation shall be determined through daily record keeping specified in Section III.1 above.
 - c. Emission limitation:
0.551 pound particulate emissions per hour from coating over spray

Applicable Compliance Method:
Daily compliance with this limit shall be based on maintaining the requirements for the water curtain control equipment found in Sections A.II.2, A.III.3, and A.IV.3. If required, compliance shall be determined through testing, performed in accordance with 40 CFR Part 60, Appendix A, Method 5.
 - d. Emission limitation:
0.58 ton particulate emissions per year from coating over spray

Applicable Compliance Method:
Compliance with this limit shall be based on meeting the requirements for the water curtain control equipment specified under Sections A.II.2, A.III.3, and A.IV.3 of Part III, and meeting the 4,690 net gallons per rolling 12 months coating usage limit.
 - e. Emission limitation:
Visible particulate emissions shall not exceed twenty percent opacity as a six-minute

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Facility ID: **0180000130**

Emissions Unit ID: R016

average, except as provided by rule.

Applicable Compliance Method:

If required, compliance shall be determined through visible emissions observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9 and the procedures specified in OAC rule 3745-17-03(B)(1).

VI. Miscellaneous Requirements

1. This PTI (01-05165) supercedes the requirements found in PTI #01-704 for this emissions unit.

Issued: 6/10/2003

B. State Only Enforceable Section

I. 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>
R016 - Materials Test Lab (MTL) coating operations with electric drying oven (modification)	Ohio Air Toxic Policy	None

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

1. The permit to install for this emissions unit (R016) was evaluated based on the actual materials and the design parameters of the emissions unit's exhaust system, as specified by the permittee in the permit to install application. The Ohio EPA's "Review of New Sources of Air Toxic Emissions" policy ("Air Toxic Policy") was applied for each pollutant emitted over 1 ton per year, by this emissions unit, using data from the permit to install application and the SCREEN 3.0 model. The predicted 1-hour maximum ground-level concentration from the use of the SCREEN 3.0 model was compared to the Maximum Acceptable Ground-Level Concentration (MAGLC). The following summarizes the results of the modeling for the "worst case" pollutant:

Pollutant: n-Butanol
 TLV (mg/m³): 60.6 mg/m³
 Maximum Hourly Emission Rate: 5.97 lbs/hr

Predicted 1-Hour Maximum Ground-Level Concentration: 360.9 ug/m³
MAGLC : 1444 ug/m³

2. Physical changes to or changes in the method of operation of the emissions unit after its installation or modification could affect the parameters used to determine whether or not the "Air Toxic Policy" is satisfied. Consequently, prior to making a change that could impact such parameters, the permittee shall conduct an evaluation to determine that the "Air Toxic Policy" will still be satisfied. If, upon evaluation, the permittee determines that the "Air Toxic Policy" will not be satisfied, the permittee will not make the change. Changes that can affect the parameters used in applying the "Air Toxic Policy" include the following:
 - a. changes in the composition of the materials used, or the use of new materials, that would result in the emission of a compound with a lower Threshold Limit Value (TLV), as indicated in the most recent version of the handbook entitled "American Conference of Governmental Industrial Hygienists (ACGIH)," than the lowest TLV value previously modeled;
 - b. changes in the composition of the materials, or use of new materials, that would result in an increase in emissions of any pollutant with a listed TLV that was proposed in the application and modeled; and
 - c. physical changes to the emissions unit or its exhaust parameters (e.g., increased/ decreased exhaust flow, changes in stack height, changes in stack diameter, etc.).

If the permittee determines that the "Air Toxic Policy" will be satisfied for the above changes, the Ohio EPA will not consider the change(s) to be a "modification" under OAC rule 3745-31-01(VV)(1)(a)(ii), and a modification of the existing permit to install will not be required. If the change(s) is (are) defined as a modification under other provisions of the modification definition (other than (VV)(1)(a)(ii)), then the permittee shall obtain a final permit to install prior to the change.

3. The permittee shall collect, record, and retain the following information when it conducts evaluations to determine that the changed emissions unit will still satisfy the "Air Toxic Policy":
 - a. a description of the parameters changed (composition of materials, new pollutants emitted, change in stack/exhaust parameters, etc.);
 - b. documentation of its evaluation and determination that the changed emissions unit still satisfies the "Air Toxic Policy"; and

- c. where computer modeling is performed, a copy of the resulting computer model runs that show the results of the application of the "Air Toxic Policy" for the change.

IV. Reporting Requirements

None

V. Testing Requirements

None

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VI. Miscellaneous Requirements

None