



State of Ohio Environmental Protection Agency

Street Address:

Lazarus Gov. Center  
50 West Town Street, Suite 700  
Columbus, OH 43215

TELE: (614) 644-3020 FAX: (614) 644-2329

Mailing Address:

Lazarus Gov. Center  
P.O. Box 1049  
Columbus, OH 43216-1049

**CERTIFIED MAIL**

**RE: FINAL PERMIT TO INSTALL MODIFICATION**

**UNION COUNTY**

**Application No: 01-12194**

**Fac ID: 0180000130**

**DATE: 6/13/2008**

Honda of America Mfg., Inc.  
Jeff Waid  
24000 Honda Parkway  
Marysville, OH 43040

	TOXIC REVIEW
	PSD
Y	SYNTHETIC MINOR
	CEMS
	MACT
	NSPS
	NESHAPS
	NETTING
	MAJOR NON-ATTAINMENT
	MODELING SUBMITTED
	GASOLINE DISPENSING FACILITY

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 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

CDO



FINAL ADMINISTRATIVE MODIFICATION OF PERMIT TO INSTALL 01-12194

Application Number: 01-12194  
Facility ID: 0180000130  
Permit Fee: **\$1600**  
Name of Facility: Honda of America Mfg., Inc.  
Person to Contact: Jeff Waid  
Address: 24000 Honda Parkway  
Marysville, OH 43040

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

Description of proposed emissions unit(s):  
**Administrative modification PTI to increase production for line 2 in the areas of welding lines, steel well blackout and AF direct glazing by 20,000 vehicles per rolling, 12-months.**

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

Chris Korleski  
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 (i.e., postmarked) quarterly, 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 (i.e., postmarked) to the appropriate Ohio EPA District Office or local air agency every six months, 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. If this permit is for an emissions unit located at a Title V facility, then 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.
- d. The permittee shall report actual emissions pursuant to OAC Chapter 3745-78 for the purpose of collecting Air Pollution Control Fees.

## **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 re-issuance, or modification
- 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, 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 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 any permit-to-install. The permittee shall pay all applicable permit-to-operate fees within thirty days of the issuance of the invoice.

**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 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 and the State and by citizens (to the extent allowed by section 304 of the Act) 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 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.

### **13. Permit-To-Install**

A permit-to-install must be obtained pursuant to OAC Chapter 3745-31 prior to "installation" of "any air contaminant source" as defined in OAC rule 3745-31-01, or "modification", as defined in OAC rule 3745-31-01, of any emissions unit included in this permit.

## **B. State Only Enforceable Permit-To-Install General Terms and Conditions**

### **1. Compliance Requirements**

The emissions unit(s) identified in this Permit 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 (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. 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.

**4. Authorization To Install or Modify**

If applicable, authorization to install or modify any new or existing emissions unit included in this permit shall terminate within eighteen months of the effective date of the permit 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)**

This permit does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. This permit does not constitute expressed or implied assurance that the proposed facility has been constructed in accordance with the application and terms and conditions of this permit. 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 this permit does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. Issuance of this permit 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**

If applicable, the applicant shall provide Ohio EPA with a written certification (see enclosed form if applicable) 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., postmarked), 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>
VOC	39.1

## Part II - FACILITY SPECIFIC TERMS AND CONDITIONS

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

1. The following emissions units contained in this permit are subject to the National Emission Standards for Hazardous Air Pollutants (NESHAP) for Surface Coating of Automobiles and Light-Duty Trucks, 40 CFR Part 63, Subpart III: P029, R017, R018, R019, R020, P216, P331 and K222, K221, K227, K228, P004, P330. The complete MACT requirements, including the MACT General Provisions may be accessed via the internet from the Electronic Code of Federal Regulations (e-CFR) website: <http://ecfr.gpoaccess.gov> or by contacting the appropriate Ohio EPA District office or local air agency.
2. The permittee shall monitor the emissions of VOC that is emitted by any emissions units associated with the Line 1 and Line 2 production rate increase permit to install (K221, K222, K227, K228, P004, P008, P029, P216, P330, P331, R017, R018, R019, R020); and calculate and maintain a record of the annual emissions, in tons per year on a calendar year basis, for a period of five years following resumption of regular operations after the change, or for a period of ten years following resumption of regular operations after the change if the NSR project increases the design capacity or potential to emit of that regulated NSR pollutant at such emissions unit.
3. If the unit is an existing unit, the permittee shall submit a report to the Ohio EPA, Division of Air Pollution Control, Central District Office if the annual emissions, in tons per year, from Line 1 and Line 2 production rate increase (PTI 01-12194), exceed the baseline actual emissions (as documented and maintained pursuant to paragraph (C)(1)(c) of OAC rule 3745-31-10, by a significant amount for that regulated NSR pollutant, and if such emissions differ from the preconstruction projection as documented and maintained pursuant to paragraph (C)(1)(c) of OAC rule 3745-31-10. Such report shall be submitted to the Ohio EPA, Division of Air Pollution Control, Central District Office within 60 days after the end of such year. The report shall contain the following:
  - a. The name, address and telephone number of the major stationary source;
  - b. The annual emissions as calculated pursuant to Section A.1; and
  - c. Any other information that the permittee wishes to include in the report (e.g., an explanation as to why the emissions differ from the preconstruction projection).

### 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.

#### Operations, Property, and/or Equipment - (K221) - AF Line 1 Body Primer

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05(A)(3)	The requirements established pursuant to this rule include compliance with the requirements of OAC rules 3745-21-09 (U)(2)(e)(iii), and 3745-31-05(C).
OAC rule 3745-31-05(C) (Synthetic Minor and to avoid PSD)	Organic compound/volatile organic compound (OC/VOC) emissions from all coatings, glass and body primers, adhesives, and wiping solvents employed in emissions units K221, R019, R020, P331, and P216 shall not exceed 18.1 tons per rolling, 12-month period.  See Sections A.I.2.a and A.II.1 below.
3745-21-09 (U)(2)(e)(iii)	The usage of body primer in this emissions unit shall not exceed 10 gallons per day.
40 CFR Part 63, Subpart IIII	See Part II.A.1 of this permit.

##### 2. Additional Terms and Conditions

- 2.a All cleanup materials associated with this operation are accounted for by emissions unit P223 (assembly miscellaneous solvents) under PTI 01-6323.

##### II. Operational Restrictions

1. Emissions units K221, R019, R020, P331, and P216 (Line 1 with off-line repair) and emissions units K222, R017, R018, P029, and P008 (Line 2 with on-line repair) shall be limited to a combined production rate of 490,000 units ( vehicles) per rolling, 12-month period. The total production rate shall be measured at the assembly off area (AF Off) for Lines 1 and 2.

### **III. Monitoring and/or Recordkeeping Requirements**

1. The permittee shall collect and record the following information each month for emissions units K221, R019, R020, P331, and P216 (Line 1 with off-line repair):
  - a. the name and identification of each coating, glass and body primer, adhesive, and wiping solvent applied;
  - b. the VOC content of each coating, glass and body primer, adhesive, and wiping solvent (excluding water and exempt solvents), when applied to metal;
  - c. the OC/VOC content of each coating, glass and body primer, adhesive, and wiping solvent, when applied to non-metal; and
  - d. the number of gallons of each coating, glass and body primer, adhesive, and wiping solvent employed.
2. The permittee shall collect and record the following information each month for emissions units K221, R019, R020, P331, and P216 (Line 1 with off-line repair):
  - a. the total OC/VOC emissions from all coatings, glass and body primers, adhesives, and wiping solvents employed, in pounds or tons; and
  - b. the rolling, 12-month OC/VOC emissions from all coatings, glass and body primers, adhesives, and wiping solvents employed, in tons.
3. The permittee shall maintain monthly records of the following for emissions units K221, R019, R020, P331, and P216 (Line 1 with off-line repair) and emissions units K222, R017, R018, P029, and P008 (Line 2 with on-line repair):
  - a. the total combined production rate, in units ( vehicles); and
  - b. the rolling, 12-month combined production rate, in units (vehicles).
4. The permittee shall collect and record the following information each day for body primer employed to metal components and/or parts:
  - a. the name and identification of each coating employed;
  - b. the total volume of each coating employed; and
  - c. the total volume, in gallons, of all coatings employed.

### **IV. Reporting Requirements**

1. The permittee shall notify the Ohio EPA, Central District Office in writing of any daily record showing an exceedance of the 10 gallon per day coating usage restriction . The

notification shall include a copy of such record and shall be sent to the Ohio EPA, Central District Office within 45 days after the exceedance occurs.

2. The permittee shall submit quarterly deviation (excursion) reports that identify any exceedances of the following:
  - a. the rolling, 12-month OC/VOC emission limitation for emissions units K221, R019, R020, P331, and P216 (Line 1 with off-line repair); and
  - b. the rolling, 12-month combined production rate ( vehicles, measured at AF Off) for emissions units K221, R019, R020, P331, and P216 (Line 1 with off-line repair) and emissions units K222, R017, R018, P029, and P008 (Line 2 with on-line repair).

The quarterly deviation reports shall be submitted in accordance with General Term and Condition A.1.c.ii.

3. The permittee shall also submit annual reports that specify the total OC/VOC emissions from emissions units K221, R019, R020, P331, and P216 (Line 1 with off-line repair) 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 emission limitations specified in Section A.I shall be demonstrated in accordance with the following methods:

**Emission Limitation:**

The usage of body primer in this emissions unit shall not exceed 10 gallons per day.

**Applicable Compliance Method:**

Compliance with this emission limitation shall be determined based upon the records required pursuant to Section A.III.4.

2. **Emission Limitation:**

Organic compound/volatile organic compound (OC/VOC) emissions from all coatings, glass and body primers, adhesives, and wiping solvents employed in emissions units K221, R019, R020, P331, and P216 shall not exceed 18.1 tons per rolling, 12-month period.

**Applicable Compliance Method:**

Compliance with this emission limitation shall be determined based upon the records required pursuant to Section A.III.2.

**Honda of America Mfg., Inc.**

**PTI Application: 01-12194**

**Modification Issued: 6/13/2008**

**Facility ID: 0180000130**

Emissions Unit ID: K221

3. Formulation data from the manufacturer(s) of the coatings, glass and body primers, adhesives, and wiping solvents or analyses performed in accordance with 40 CFR Part 60, Appendix A, Method 24 shall be used to determine the OC content of each material applied.

## **VI. Miscellaneous Requirements**

1. This Permit to Install (PTI) shall supercede the requirements for this emissions unit in the PTI numbered 01-6045 issued May 17, 2005.

**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.

**Operations, Property, and/or Equipment - (K221) - AF Line 1 Body Primer**

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05	Limit(s)

2. **Additional Terms and Conditions**

- 2.a None

**II. Operational Restrictions**

None

**III. Monitoring and/or Recordkeeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

1. This Permit to Install (PTI) shall supercede the requirements for this emissions unit in the PTI numbered 01-6045 issued May 17, 2005.

### 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.

#### Operations, Property, and/or Equipment - (K222) - (AF Line 2 Body Primer) AF Line 2 Body Primer Application

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05(A)(3)	The requirements established pursuant to this rule include compliance with the requirements of OAC rules 3745-21-09 (U)(2)(e)(iii), and 3745-31-05(C).
OAC rule 3745-31-05(C) (Synthetic Minor and to avoid PSD)	Organic compound/volatile organic compound (OC/VOC) emissions from all coatings, glass and body primers, adhesives, and wiping solvents employed in emissions units K222, R017, R018, P029, and P008 shall not exceed 18.1 tons per rolling, 12-month period.  See Sections A.I.2.a and A.II.1 below.
3745-21-09 (U)(2)(e)(iii)	The usage of body primer in this emissions unit shall not exceed 10 gallons per day.
40 CFR Part 63, Subpart IIII	See Part II.A.1 of this permit.

##### 2. Additional Terms and Conditions

- 2.a All cleanup materials associated with this operation are accounted for by emissions unit P223 (assembly miscellaneous solvents) under PTI 01-6323.

##### II. Operational Restrictions

1. Emissions units K221, R019, R020, P331, and P216 (Line 1 with off-line repair) and emissions units K222, R017, R018, P029, and P008 (Line 2 with on-line repair) shall be limited to a combined production rate of 490,000 units ( **vehicles**) per rolling, 12-month period. The total production rate shall be measured at the assembly off area (AF Off) for Lines 1 and 2.

### **III. Monitoring and/or Recordkeeping Requirements**

1. The permittee shall collect and record the following information each month for emissions units K222, R017, R018, P029, and P008 (Line 2 with on-line repair):
  - a. the name and identification of each coating, glass and body primer, adhesive, and wiping solvent applied;
  - b. the VOC content of each coating, glass and body primer, adhesive, and wiping solvent (excluding water and exempt solvents), when applied to metal;
  - c. the OC/VOC content of each coating, glass and body primer, adhesive, and wiping solvent, when applied to non-metal; and
  - d. the number of gallons of each coating, glass and body primer, adhesive, and wiping solvent employed.
2. The permittee shall collect and record the following information each month for emissions units K222, R017, R018, P029, and P008 (Line 2 with on-line repair):
  - a. the total OC/VOC emissions from all coatings, glass and body primers, adhesives, and wiping solvents employed, in pounds or tons; and
  - b. the rolling, 12-month OC/VOC emissions from all coatings, glass and body primers, adhesives, and wiping solvents employed, in tons.
3. The permittee shall maintain monthly records of the following for emissions units K221, R019, R020, P331, and P216 (Line 1 with off-line repair) and emissions units K222, R017, R018, P029, and P008 (Line 2 with on-line repair):
  - a. the total combined production rate, in units ( vehicles); and
  - b. the rolling, 12-month combined production rate, in units (vehicles).
4. The permittee shall collect and record the following information each day for body primer employed to metal components and/or parts:
  1. the name and identification of each coating employed;
  2. the total volume of each coating employed; and
  3. the total volume, in gallons, of all coatings employed.

### **IV. Reporting Requirements**

1. The permittee shall notify the Ohio EPA, Central District Office in writing of any daily record showing an exceedance of the 10 gallon per day coating usage restriction . The

notification shall include a copy of such record and shall be sent to the Ohio EPA, Central District Office within 45 days after the exceedance occurs.

2. The permittee shall submit quarterly deviation (excursion) reports that identify any exceedances of the following:
  - a. the rolling, 12-month OC/VOC emission limitation for emissions units K222, R017, R018, P029, and P008 (Line 2 with on-line repair); and
  - b. the rolling, 12-month combined production rate ( vehicles, measured at AF Off) for emissions units K221, R019, R020, P331, and P216 (Line 1 with off-line repair) and emissions units K222, R017, R018, P029, and P008 (Line 2 with on-line repair). The quarterly deviation reports shall be submitted in accordance with General Term and Condition A.1.c.ii.
3. The permittee shall also submit annual reports that specify the total OC/VOC emissions from emissions units K222, R017, R018, P029, and P008 (Line 2 with on-line repair) 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 emission limitations specified in Section A.I shall be demonstrated in accordance with the following methods:

Emission Limitation:

The usage of body primer in this emissions unit shall not exceed 10 gallons per day.

Applicable Compliance Method:

Compliance with this emission limitation shall be determined based upon the records required pursuant to Section A.III.4.

2. Emission Limitation:  
Organic compound/volatile organic compound (OC/VOC) emissions from all coatings, glass and body primers, adhesives, and wiping solvents employed in emissions units K222, R017, R018, P029, and P008 shall not exceed 18.1 tons per rolling, 12-month period.

Applicable Compliance Method:

Compliance with this emission limitation shall be determined based upon the records required pursuant to Section A.III.2.

3. Formulation data from the manufacturer(s) of the coatings, glass and body primers, adhesives, and wiping solvents or analyses performed in accordance with 40 CFR Part 60, Appendix A, Method 24 shall be used to determine the OC content of each material applied.

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**Modification Issued: 6/13/2008**

**Facility ID: 0180000130**

Emissions Unit ID: K222

**VI. Miscellaneous Requirements**

1. This Permit to Install (PTI) shall supercede the requirements for this emissions unit in the PTI numbered 01-6045 issued May 17, 2005.

**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.

**Operations, Property, and/or Equipment - (K222) - (AF Line 2 Body Primer) AF Line 2 Body Primer Application**

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05	Limit(s)

2. **Additional Terms and Conditions**

- 2.a None

**II. Operational Restrictions**

None

**III. Monitoring and/or Recordkeeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

1. This Permit to Install (PTI) shall supercede the requirements for this emissions unit in the PTI numbered 01-6045 issued May 17, 2005.

### 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.

#### Operations, Property, and/or Equipment - (K227) - (Line 1 Wheel Well Blackout) Wheel well blackout

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05(A)(3)	The VOC content of the coatings employed in the wheel well, blackout application shall not exceed 0.62 pounds of VOC per gallon, as applied.  Particulate emissions (PE) from coating/blackout overspray shall not exceed 1.6 tons/yr.  The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07(A)(1), 3745-17-11(B)(1), and 3745-31-05(C).
OAC rule 3745-31-05 (C) (Synthetic Minor and to avoid PSD)	VOC emissions shall not exceed 10.0 tons per rolling 12-month period from the Line 1 and Line 2 wheel well blackout operations, emission units K227 and K228 together.  See production operational restriction, Section A.II.1 below.
OAC rule 3745-21-09(U)(1)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
OAC rule 3745-17-07(A)(1)	Visible particulate emissions from any stack shall not exceed 20% opacity, as a six-minute average, except as provided by rule.
OAC rule 3745-17-11(B)(1)	Particulate emissions (PE) from blackout coating overspray shall not exceed 0.551 lbs/hr.

#### 2. Additional Terms and Conditions

2.a None

## **II. Operational Restrictions**

1. Line 1 and Line 2 wheel well blackout operations, K227 and K228 together, shall be included in the production Line 1 and Line 2 total rolling twelve-month production limit of 490,000 units ( vehicles), measured at "assembly off" (AF Off).
2. The permittee shall operate the fabric filter system whenever this emissions unit is in operation.
3. The cleanup material for the blackout operations is mostly water. Any miscellaneous cleanup or purge materials used for K227 and K228 shall be tracked, monitored, and reported as per the Paint Department's overall cleanup and purge material requirements in PTI #01-6743.

## **III. Monitoring and/or Recordkeeping Requirements**

1. The permittee shall collect and record the following information at the end of each month:
  - a. the name and identification of each coating employed in the wheel well blackout process; and
  - b. the VOC content of each coating, as applied.
2. The permittee shall collect and record the following information each month from wheel well blackout coatings applied in emissions units K227 and K228 together:
  - a. the name and identification of each blackout coating employed\*;
  - b. the VOC content of each blackout coating, as applied, in pounds per gallon\*;
  - c. the number of gallons of each blackout coating employed (gal/month); and
  - d. the total VOC emissions from all blackout process coatings employed in emission units K227 and K228 together, in pounds or tons per month, i.e., summation of the products of each coating's usage, times each coating's VOC content (b) x (c); and
  - e. the rolling 12-month VOC emissions from all blackout process coatings employed in K227 and K228 together.

\* records are satisfied in Section A.III.1.

3. This facility shall maintain the following records, as of the last day of each calendar month, for production Lines 1 and 2, which includes K227 and K228 wheel well blackout operations:
  - a. the number of units ( vehicles produced on Lines 1 and 2, as measured at "assembly off" (units/month); and

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- b. the rolling, 12-month summation of units produced on Lines 1 and 2 together ( vehicles per rolling 12 months).
4. The permittee shall maintain records that document any time periods when the dry filtration system was not in service when the emissions unit was in operation.

#### **IV. Reporting Requirements**

1. The permittee shall notify the Ohio EPA Central District Office in writing of any monthly record showing the use of noncomplying blackout coatings, exceeding 0.62 pounds of VOC per gallon, as applied. The notification shall include a copy of such record and shall be sent to the Ohio EPA Central District Office within 30 days following the end of the calendar month.
2. The permittee shall notify the Ohio EPA Central District Office in writing of any record showing that the dry filtration system was not in service when the emissions unit was in operation using a spray coating application. The notification shall include a copy of such record and shall be sent to the Central District Office within 30 days following the end of the calendar month.
3. The permittee shall submit annual reports for emission units K227 and K228 which specify total VOC emissions from these two emission units for the previous calendar year. These reports shall be submitted by April 15 of each year. The reporting requirements for these emission units may be satisfied by including them in the annual Fee Emission Report.
4. The permittee shall submit quarterly deviation (excursion) reports which identify any monthly record showing an exceedance of the 12-month rolling production limitation of vehicles, on Lines 1 and 2. The quarterly deviation reports shall be submitted in accordance with the reporting requirements specified in Part I, Section A.1.c.ii of the General Term and Conditions.
5. Quarterly deviation reports for rolling, 12-month VOC limitation for K227 and K228.

#### **V. Testing Requirements**

Compliance with the emission limitations contained in this permit shall be determined in accordance with the following methods:

1. Emission Limitation

0.62 lb VOC/gallon for any wheel well blackout coating, as applied.

##### Applicable Compliance Method

Compliance with this VOC limit shall be determined through monthly recordkeeping, as specified in Section A.III.1, of each blackout coating applied and the volatile organic compound content of each. Formulation data from the coating's manufacturers or

USEPA Method 24 shall be used to determine the volatile organic compound content of the coatings, to be used in the calculation of emissions.

2. Emission Limitation

10.0 tons VOC/rolling, 12-month period for emission units K227 and K228 together.

Applicable Compliance Method

Compliance with this limit shall be determined through the monthly recordkeeping, as specified in Section A.III.2. Formulation data from the coating's manufacturers or USEPA Method 24 shall be used to determine the volatile organic compound content of the blackout coatings, to be used in the calculation of emissions.

3. Emission Limitation

Visible particulate emissions shall not exceed 20% opacity as a six-minute 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).

4. Emission Limitation

0.551 pounds particulate emissions/hr from coating overspray

Applicable Compliance Method

Compliance with this limit shall be based on meeting the requirements for the dry filtration control system found in Sections A.II.2, A.III.4, and A.IV.2 of Part III. If required, the permittee shall demonstrate compliance with this emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 5 and the procedures specified in OAC rule 3745-17-03(B)(10).

5. Emission Limitation

1.6 tons particulate emissions/yr from coating overspray

Applicable Compliance Method

Compliance with this limit shall be based on meeting the requirements for the dry filtration control system specified under Sections A.II.2, A.III.4, and A.IV.2 of Part III and recordkeeping of the monthly usage of the coatings applied, and annual calculation of emissions.

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**Facility ID: 0180000130**

**Emissions Unit ID: K227**

**VI. Miscellaneous Requirements**

1. This Permit to Install (PTI) shall supercede the requirements for this emissions unit in the PTI numbered 01-8502 issued November 27, 2001.

**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.

**Operations, Property, and/or Equipment - (K227) - (Line 1 Wheel Well Blackout) Wheel well blackout**

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05	Limit(s)

2. **Additional Terms and Conditions**

- 2.a None

**II. Operational Restrictions**

None

**III. Monitoring and/or Recordkeeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

1. This Permit to Install (PTI) shall supercede the requirements for this emissions unit in the PTI numbered 01-8502 issued November 27, 2001.

### 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.

#### Operations, Property, and/or Equipment - (K228) - (Line 2 Wheel Well Blackout) Wheel well blackout

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05(A)(3)	The VOC content of the coatings employed in the wheel well, blackout application shall not exceed 0.62 pounds of VOC per gallon, as applied.  Particulate emissions (PE) from coating/blackout overspray shall not exceed 1.6 tons/yr.  The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07(A)(1), 3745-17-11(B)(1), and 3745-31-05(C).
OAC rule 3745-31-05 (C) (Synthetic Minor and to avoid PSD)	VOC emissions shall not exceed 10.0 tons per rolling 12-month period from the Line 1 and Line 2 wheel well blackout operations, emission units K227 and K228 together.  See production operational restriction, Section A.II.1 below.
OAC rule 3745-21-09(U)(1)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
OAC rule 3745-17-07(A)(1)	Visible particulate emissions from any stack shall not exceed 20% opacity, as a six-minute average, except as provided by rule.
OAC rule 3745-17-11(B)(1)	Particulate emissions (PE) from blackout coating overspray shall not exceed 0.551 lbs/hr.

#### 2. Additional Terms and Conditions

2.a None

## **II. Operational Restrictions**

1. Line 1 and Line 2 wheel well blackout operations, K227 and K228 together, shall be included in the production Line 1 and Line 2 total rolling twelve-month production limit of 490,000 units ( vehicles), measured at "assembly off" (AF Off).
2. The permittee shall operate the fabric filter system whenever this emissions unit is in operation.
3. The cleanup material for the blackout operations is mostly water. Any miscellaneous cleanup or purge materials used for K227 and K228 shall be tracked, monitored, and reported as per the Paint Department's overall cleanup and purge material requirements in PTI #01-6743.

## **III. Monitoring and/or Recordkeeping Requirements**

1. The permittee shall collect and record the following information at the end of each month:
  - a. the name and identification of each coating employed in the wheel well blackout process; and
  - b. the VOC content of each coating, as applied.
2. The permittee shall collect and record the following information each month from wheel well blackout coatings applied in emissions units K227 and K228 together:
  - a. the name and identification of each blackout coating employed\*;
  - b. the VOC content of each blackout coating, as applied, in pounds per gallon\*;
  - c. the number of gallons of each blackout coating employed (gal/month); and
  - d. the total VOC emissions from all blackout process coatings employed in emission units K227 and K228 together, in pounds or tons per month, i.e., summation of the products of each coating's usage, times each coating's VOC content (b) x (c).
  - e. the rolling 12-month VOC emissions from all blackout process coatings employed in K227 and K228 together.

\* records are satisfied in Section A.III.1.

3. This facility shall maintain the following records, as of the last day of each calendar month, for production Lines 1 and 2, which includes K227 and K228 wheel well blackout operations:
  - a. the number of units ( vehicles) produced on Lines 1 and 2, as measured at "assembly off" (units/month); and

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- b. the rolling, 12-month summation of units produced on Lines 1 and 2 together ( vehicles per rolling 12 months).
4. The permittee shall maintain records that document any time periods when the dry filtration system was not in service when the emissions unit was in operation.

#### **IV. Reporting Requirements**

1. The permittee shall notify the Ohio EPA Central District Office in writing of any monthly record showing the use of noncomplying blackout coatings, exceeding 0.62 pounds of VOC per gallon, as applied. The notification shall include a copy of such record and shall be sent to the Ohio EPA Central District Office within 30 days following the end of the calendar month.
2. The permittee shall notify the Ohio EPA Central District Office in writing of any record showing that the dry filtration system was not in service when the emissions unit was in operation using a spray coating application. The notification shall include a copy of such record and shall be sent to the Central District Office within 30 days following the end of the calendar month.
3. The permittee shall submit annual reports for emission units K227 and K228 which specify total VOC emissions from these two emission units for the previous calendar year. These reports shall be submitted by April 15 of each year. The reporting requirements for these emission units may be satisfied by including them in the annual Fee Emission Report.
4. The permittee shall submit quarterly deviation (excursion) reports which identify any monthly record showing an exceedance of the 12-month rolling production limitation of **vehicles**, on Lines 1 and 2. The quarterly deviation reports shall be submitted in accordance with the reporting requirements specified in Part I, Section A.1.c.ii of the General Term and Conditions.
5. Quarterly deviation reports for rolling, 12-month VOC limitation for K227 and K228.

#### **V. Testing Requirements**

Compliance with the emission limitations contained in this permit shall be determined in accordance with the following methods:

1. Emission Limitation

0.62 lb VOC/gallon for any wheel well blackout coating, as applied

Applicable Compliance Method

Compliance with this VOC limit shall be determined through monthly recordkeeping, as specified in Section A.III.1, of each blackout coating applied and the volatile organic compound content of each. Formulation data from the coating's manufacturers or

USEPA Method 24 shall be used to determine the volatile organic compound content of the coatings, to be used in the calculation of emissions.

2. Emission Limitation

10.0 tons VOC/rolling, 12-month period for emission units K227 and K228 together

Applicable Compliance Method

Compliance with this limit shall be determined through the monthly recordkeeping, as specified in Section A.III.2. Formulation data from the coating's manufacturers or USEPA Method 24 shall be used to determine the volatile organic compound content of the blackout coatings, to be used in the calculation of emissions.

3. Emission Limitation

Visible particulate emissions shall not exceed 20% opacity as a six-minute 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).

4. Emission Limitation

0.551 pounds particulate emissions/hr from coating overspray

Applicable Compliance Method

Compliance with this limit shall be based on meeting the requirements for the dry filtration control system found in Sections A.II.2, A.III.4, and A.IV.2 of Part III. If required, the permittee shall demonstrate compliance with this emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 5 and the procedures specified in OAC rule 3745-17-03(B)(10).

5. Emission Limitation

1.6 tons particulate emissions/yr from coating overspray

Applicable Compliance Method

Compliance with this limit shall be based on meeting the requirements for the dry filtration control system specified under Sections A.II.2, A.III.4, and A.IV.2 of Part III and recordkeeping of the monthly usage of the coatings applied, and annual calculation of emissions.

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**Modification Issued: 6/13/2008**

**Facility ID: 0180000130**

**Emissions Unit ID: K228**

**VI. Miscellaneous Requirements**

1. This Permit to Install (PTI) shall supercede the requirements for this emissions unit in the PTI numbered 01-8502 issued November 27, 2001.

**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.

**Operations, Property, and/or Equipment - (K228) - (Line 2 Wheel Well Blackout) Wheel well blackout**

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05	Limit(s)

2. **Additional Terms and Conditions**

- 2.a None

**II. Operational Restrictions**

None

**III. Monitoring and/or Recordkeeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

1. This Permit to Install (PTI) shall supercede the requirements for this emissions unit in the PTI numbered 01-8502 issued November 27, 2001.

### 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.

#### Operations, Property, and/or Equipment - (P004) - (Welding Line 2) Line # 2 of two Main Body Welding Lines with Various Sublines on Each Line

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05(C) (Synthetic Minor and to avoid PSD)	Organic compound emissions shall not exceed 11.0 tons per rolling 12 months for welding operations on Line 1 ( ) (P330) and Line 2 (P004) .
OAC rule 3745-31-05(A)(3)	Weld Line 2 : MIG welding and brazing: Fugitive particulate emissions shall not exceed 0.26 lb/hr and 0.52 ton/yr from Weld Line 1 & Line 2 together  Anti-spatter materials and cleaning solutions shall not exceed 4.3 lbs OC/gal.  See Sections A.I.2.c and A.II.1.
OAC rule 3745-21-07(G)	Anti-spatter material and cleaning solution usage: Use of only non-photochemically reactive materials or materials exempt under 3745-21-07(G)(9)
OAC rule 3745-21-09(U)(2)(e)(iii)	Miscellaneous sealers/sealants and quality marker coating usage: Use of no more than 10 gallons/day of miscellaneous *sealers/sealants and quality marker coatings

\* These sealers and sealants are not the same materials, nor the same application, as those permitted for use in emission units P005 and P200.

##### 2. Additional Terms and Conditions

- 2.a This emissions unit shall use only nonphotochemically reactive materials or materials exempt per OAC 3745-21-07(G)(9) - for antispat material and cleaning solution usage.
- 2.b The maximum annual production rate for Line 1 and Line 2 shall not exceed 490,000 units ( vehicles), based upon a the rolling, 12-month production of vehicles measured at the "AF Off".

- 2.c** The annual usage of MIG and brazing wire and rod shall not exceed 443,000 pounds per year on Line 1 and Line 2 together.

## **II. Operational Restrictions**

1. The permittee shall minimize or eliminate visible particulate emissions through the installation and operation of collection hoods and fans at the point of emissions from the primary MIG welding. This collection system shall be vented to a baghouse having a collection efficiency of 90%, whenever MIG welding occurs in the primary MIG area. Capture efficiency at the point source of emissions shall be calculated at 85%, unless testing of the hood collection system demonstrates a different efficiency. Manual repair, mobile MIG welding, and the individual MIG robots on D Zone operations shall not require control.

## **III. Monitoring and/or Recordkeeping Requirements**

1. The permittee shall collect and record the following information each month for the welding operations:
  - a. the name and identification for each anti-spatter and cleaning solution employed; and
  - b. the organic compound content of each anti-spatter and cleaning solution, as applied.
2. The permittee shall collect and record the following information each day for the welding operations:
  - a. the name and identification for each miscellaneous sealer/sealant, quality marker coating, and/or miscellaneous organic material employed to the auto body or metal part;
  - b. the volume, in gallons, of each miscellaneous sealer/sealant and quality marker coating employed; and
  - c. the total volume, in gallons, of all miscellaneous sealers/sealants and quality marker coatings employed.

If the total use of these materials, in any single day, is less than 1 gallon per day, the material used need only be recorded in the daily record as <1 gallon. Monthly emissions shall be calculated using actual monthly usage inventory records, if monthly records prove more accurate than the sum of daily usage.

3. The permittee shall collect and record the following information each month for the welding operations:

- a. the number of gallons of each cleaning solution, anti-spatter material, miscellaneous sealer/sealant, quality marker coating, miscellaneous organic material employed, and pounds (or tons) of MIG and brazing wire/rod consumed;
  - b. the organic compound content of each cleaning solution, anti-spatter material, miscellaneous sealer/sealant, quality marker coating, and/or miscellaneous organic material, in pounds per gallon;
  - c. the total organic compound emissions from all cleaning solutions, anti-spatter materials, miscellaneous sealers/sealants, quality marker coatings, miscellaneous organic material usage, and the vaporization of rust preventive oils from spot welding, in pounds per month;
  - d. the rolling 12-month production of automobiles, measured at the "AF Off" area; and
  - e. the rolling 12-month OC emissions from welding operations on Line 1 and Line 2.
4. The permittee shall maintain records that document any time periods when the hood collection or fabric filter systems were not in service when MIG welding occurs in the primary MIG welding area .

#### **IV. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following:
  - a. any monthly record or calculation showing an exceedance of the 12-month rolling OC emissions limit of 11.0 tons for Line 1 and Line 2 welding operations, and/or the rolling 12-month production of 490,000 units( vehicles) measured at the "AF Off";
  - b. any record showing an exceedance of the annual MIG brazing wire/rod usage of 443,000 pounds per year on welding Lines 1 and 2.
  - c. any occurrence of the use of a photochemically reactive material or material not exempted in 3745-21-07(G)(9), for antispatter material and cleaning solution usage including an identification of the material used, it's composition, and the day(s) and duration of time the material was used.

These exceedance reports shall be submitted as required in the General Terms and Conditions of this permit.

2. The permittee shall notify the Ohio EPA Central District Office in writing of any record showing the use of noncomplying (>4.3 lbs OC/gal) anti-spatter materials or cleaning solutions. The notification shall include a copy of such record and shall be sent to the Ohio EPA Central District Office within 30 days following the end of the calendar month.

3. The permittee shall notify the Ohio EPA Central District Office in writing of any daily record showing that the welding line employed more than 10 gallons per day of miscellaneous sealers/sealant(s) and quality marker coating(s) (together). The notification shall include a copy of such record and shall be sent to the Ohio EPA Central District Office within 45 days after the exceedance occurs.
4. The permittee shall notify the Ohio EPA Central District Office of any daily record showing that the hood collection system/fan and/or fabric filter were not in service when MIG welding occurs in the primary MIG welding area .
5. The permittee shall also submit annual reports which specify the total OC emissions from this emissions unit for the previous calendar year. This report may be satisfied by including this emissions unit in the submission of the annual Fee Emission Report. Particulate emissions need not be reported, since the potential emissions for this emissions unit is under 1 ton per year from each line.

## V. Testing Requirements

Compliance with the emission limitations contained in this permit shall be determined in accordance with the following methods:

### 1. Emission Limitation

11.0 tons OC/rolling, 12-month period for Line 1 and Line 2 welding operations

#### Applicable Compliance Method

Compliance with the rolling 12-month OC limit shall be determined through monthly and 12-month rolling recordkeeping of units produced, material usage, the organic compound content of each material used, calculation of the volatile emissions from rust protecting oils from the point of weld (calculated, as shown below), and the rolling 12-month summation of calculated OC emissions (See Section III). Formulation data from the material's manufacturer or USEPA Method 24 shall be used to determine the organic compound content of the cleaning solutions, anti-spatter materials, sealers/sealants, quality marker coatings, and/or miscellaneous organic materials to be used in the calculation of emissions. Twelve month rolling emissions shall be calculated by adding the current monthly emission calculations, from the emissions unit, to the previous 11 month's emission calculations.

Organic compound emissions from the rust protectant oils at the point of weld, shall be calculated as follows:

Annual Emissions = Area of weld ( $\text{PiR}^2$ ) or  $(3.1416)(0.0328 \text{ ft})^2$  x amount of rust protective oil on metal sheet ( $275 \text{ mg/ft}^2$ ) x  $(0.0022 \text{ lb}/1000 \text{ mg})$  x  $(3,000 \text{ welds}/\text{car})$  x  $(500,000 \text{ units and parts on Lines 1 \& 2}/\text{yr})$  x  $(4 \text{ sides}/\text{weld})$  x  $(1 \text{ ton}/2000 \text{ lbs}) = 6.14 \text{ tons OC}/\text{year}$

Unless any of the variables in this equation change, the worst case emission calculations from the evaporation of rust-proofing oil(s) at the point of weld, above, shall be used to document the contribution of this source of OC emissions, to this limit.

2. Emission Limitation

0.26 lb particulate emissions/hr from both Lines 1 and 2  
0.52 ton particulate emissions/yr from both Lines 1 and 2

Applicable Compliance Method

Compliance with the particulate limits contained in this permit shall be determined through annual calculation of worst case emissions. To document the worst case emission rate for particulate matter, the following equations shall be used:

Hourly Emissions = [maximum MIG and brazing wire/rod usage (110.76 pounds per hour for Line 1 and Line 2) X emission factor from Gradient Corporation and by the American Welding Company (0.01 lbs particulate emissions/pound of MIG and brazing wire) X uncaptured fugitive emissions at the point of weld (100%-85%)] + [maximum MIG and brazing wire/rod usage (110.76 pounds per hour for Line 1 and Line 2) X emission factor from Gradient Corporation and by the American Welding Company (0.01 lbs particulate emissions/pound of MIG and brazing wire) X fugitive emissions lost from the baghouse (85%) x (100%-90%)] = 0.26 lbs particulate emissions/hour.

Annual Emissions = [actual or maximum MIG and brazing wire/rod usage (443,000 pounds per year for Line 1 and Line 2) X emission factor from Gradient Corporation and by the American Welding Company (0.01 lbs particulate emissions/pound of MIG wire) X uncaptured fugitive emissions at the point of weld (100%-85%)] + [actual or maximum MIG wire usage (443,000 pounds per year for Line 1 and Line 2) X emission factor from Gradient Corporation and by the American Welding Company (0.01 lbs particulate emissions/pound of MIG wire) X fugitive emissions lost from the baghouse (85%) x (100%-90%)] x [1 ton/2000 lbs] = 0.52 tons particulate emissions/yr.

**VI. Miscellaneous Requirements**

1. This Permit to Install (PTI) shall supercede the requirements for this emissions unit in the PTI numbered 01-8118 issued May 25, 2006.

**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.

**Operations, Property, and/or Equipment - (P004) - (Welding Line 2) Line # 2 of two Main Body Welding Lines with Various Sublines on Each Line**

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-114	See Section B.III. below.

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 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 ("OAC rule 3745-114") was applied for each pollutant emitted by this emissions unit using data from the permit to install application and the SCREEN 3.0 model (or other Ohio EPA approved 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" usage for this pollutant:

Pollutant: dipropylene glycol monomethyl ether

TLV: 606 mg/m<sup>3</sup>

Maximum Hourly Emission Rate: 6.43 lbs/hr from both welding Lines 1 and 2

Predicted 1-Hour Maximum Ground-Level Concentration: 1.401 mg/m<sup>3</sup>

MAGLC: 14.43 mg/m<sup>3</sup>

2. Prior to making any physical changes to or changes in the method of operation of the emissions unit(s), that could impact the parameters or values that were used in the predicted 1-hour maximum ground-level concentration", the permittee shall re-model the change(s) to demonstrate that the MAGLC has not been exceeded. Changes that can affect the parameters/values used in determining the 1-hour maximum ground-level concentration include, but are not limited to, 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 new toxic air contaminant with a lower Threshold Limit Value (TLV) than the lowest TLV 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 toxic air contaminant listed in OAC rule 3745-114-01, that was modeled from the initial (or last) application; and
  - c. physical changes to the emissions unit(s) or its/their exhaust parameters (e.g., increased/ decreased exhaust flow, changes in stack height, changes in stack diameter, etc.).

If the permittee determines that the "Toxic Air Contaminant Statute" 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 solely due to a non-restrictive change to a parameter or process operation, where compliance with the "Toxic Air Contaminant Statute", ORC 3704.03(F), has been documented. If the change(s) meet(s) the definition of a "modification" or if a new toxic is emitted, or the modeled toxic(s) is/are expected to exceed the previous modeled level(s), then the permittee shall apply for and obtain a final permit-to-install prior to the change. The Director may consider any significant departure from the operations of the emissions unit, described in the permit-to-install application, as a modification that results in greater emissions than the emissions rate modeled to determine the ground level concentration; and may require the permittee to submit a permit-to-install application for the increased emissions.

[ORC 3704.03(F)(3)(c) and F(4)], [OAC rule 3745-114-01], Option A, Engineering Guide #70

3. The permittee shall collect, record, and retain the following information for each toxic evaluation conducted to determine compliance with the "Toxic Air Contaminant Statute", ORC 3704.03(F):
  - a. a description of the parameters/values used in each compliance demonstration and the parameters or values changed for any re-evaluation of the toxic(s) modeled (the composition of materials, new toxic contaminants emitted, change in stack/exhaust parameters, etc.);
  - b. the Maximum Acceptable Ground-Level Concentration (MAGLC) for each significant toxic contaminant or worst-case contaminant, calculated in accordance with the "Toxic Air Contaminant Statute", ORC 3704.03(F);

- c. a copy of the computer model run(s), that established the predicted 1-hour maximum ground-level concentration that demonstrated the emissions unit(s) to be in compliance with the "Toxic Air Contaminant Statute", ORC 3704.03(F), initially and for each change that requires re-evaluation of the toxic air contaminant emissions; and
- d. the documentation of the initial evaluation of compliance with the "Toxic Air Contaminant Statute", ORC 3704.03(F), and documentation of any determination that was conducted to re-evaluate compliance due to a change made to the emissions unit(s) or the materials applied.

[ORC 3704.03(F)(3)(c) and F(4)], [OAC rule 3745-114-01], Option A, Engineering Guide #70

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

- 1. This Permit to Install (PTI) shall supercede the requirements for this emissions unit in the PTI numbered 01-8118 issued May 25, 2006.

### 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.

#### Operations, Property, and/or Equipment - (P008) - (AF On-Line Glass Repair) On-Line Glass Install Application

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05(A)(3)	The requirements established pursuant to this rule include compliance with the requirements of OAC rule 3745-31-05(C)
OAC rule 3745-31-05(C) (Synthetic Minor and to avoid PSD)	Organic compound/volatile organic compound (OC/VOC) emissions from all coatings, glass and body primers, adhesives, and wiping solvents employed in emissions units K222, R017, R018, P029, and P008 shall not exceed 18.1 tons per rolling, 12-month period.  See Sections A.I.2.a and A.II.1 below.
OAC rule 3745-21-07(G)	None when coating non-metal; see Section A.I.2.b below.
40 CFR Part 63, Subpart IIII	See Part II.A.1 of this permit.

##### 2. Additional Terms and Conditions

- 2.a All cleanup materials associated with this operation are accounted for by emissions unit P223 (assembly miscellaneous solvents) under PTI 01-6323.
- 2.b To avoid the emission limitations/control requirements contained in OAC rule 3745-21-07(G)(2), only materials exempt per OAC rule 3745-21-07(G)(9) or non-photochemically reactive materials shall be applied in this emissions unit.

Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).

##### II. Operational Restrictions

1. Emissions units K221, R019, R020, P331, and P216 (Line 1 with off-line repair) and emissions units K222, R017, R018, P029, and P008 (Line 2 with on-line repair) shall be limited to a combined production rate of 490,000 units ( **vehicles**) per rolling, 12-month

period. The total production rate shall be measured at the assembly off area (AF Off) for Lines 1 and 2.

### **III. Monitoring and/or Recordkeeping Requirements**

1. The permittee shall collect and record the following information each month for emissions units K222, R017, R018, P029, and P008 (Line 2 with on-line repair):
  - a. the name and identification of each coating, glass and body primer, adhesive, and wiping solvent applied;
  - b. the VOC content of each coating, glass and body primer, adhesive, and wiping solvent (excluding water and exempt solvents), when applied to metal;
  - c. the OC/VOC content of each coating, glass and body primer, adhesive, and wiping solvent, when applied to non-metal; and
  - d. the number of gallons of each coating, glass and body primer, adhesive, and wiping solvent employed.
2. The permittee shall collect and record the following information each month for emissions units K222, R017, R018, P029, and P008 (Line 2 with on-line repair):
  - a. the total OC/VOC emissions from all coatings, glass and body primers, adhesives, and wiping solvents employed, in pounds or tons; and
  - b. the rolling, 12-month OC/VOC emissions from all coatings, glass and body primers, adhesives, and wiping solvents employed, in tons.
3. The permittee shall maintain monthly records of the following for emissions units K221, R019, R020, P331, and P216 (Line 1 with off-line repair) and emissions units K222, R017, R018, P029, and P008 (Line 2 with on-line repair):
  - a. the total combined production rate, in units ( vehicles); and
  - b. the rolling, 12-month combined production rate, in units ( vehicles).
4. The permittee shall maintain records for each material applied to non-metal in this emissions unit that indicate whether or not the material is a photochemically reactive material.

### **IV. Reporting Requirements**

1. The permittee shall submit quarterly deviation (excursion) reports that identify the following:
  - a. any exceedances of the rolling, 12-month OC/VOC emission limitation for emissions units K222, R017, R018, P029, and P008 (Line 2 with on-line repair);

- b. any exceedances of the rolling, 12-month combined production rate ( vehicles, measured at AF Off) for emissions units K221, R019, R020, P331, and P216 (Line 1 with off-line repair) and emissions units K222, R017, R018, P029, and P008 (Line 2 with on-line repair); and
  - c. all periods of time when a photochemically reactive material was applied to non-metal in this emissions unit. The quarterly deviation reports shall be submitted in accordance with General Term and Condition A.1.c.ii.
2. The permittee shall also submit annual reports that specify the total OC/VOC emissions from emissions units K222, R017, R018, P029, and P008 (Line 2 with on-line repair) 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 emission limitations specified in Section A.I shall be demonstrated in accordance with the following methods:

**Emission Limitation:**

Organic compound/volatile organic compound (OC/VOC) emissions from all coatings, glass and body primers, adhesives, and wiping solvents employed in emissions units K222, R017, R018, P029, and P008 shall not exceed 18.1 tons per rolling, 12-month period.

**Applicable Compliance Method:**

Compliance with this emission limitation shall be determined based upon the records required pursuant to Section A.III.2.

2. Formulation data from the manufacturer(s) of the coatings, glass and body primers, adhesives, and wiping solvents or analyses performed in accordance with 40 CFR Part 60, Appendix A, Method 24 shall be used to determine the OC content of each material applied.

## **VI. Miscellaneous Requirements**

1. This Permit to Install (PTI) shall supercede the requirements for this emissions unit in the PTI numbered 01-6045 issued May 17, 2005.

**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.

**Operations, Property, and/or Equipment - (P008) - (AF On-Line Glass Repair) On-Line Glass Install Application**

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05	Limit(s)

2. **Additional Terms and Conditions**

- 2.a None

**II. Operational Restrictions**

None

**II Monitoring and/or Recordkeeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

1. This Permit to Install (PTI) shall supercede the requirements for this emissions unit in the PTI numbered 01-6045 issued May 17, 2005.

### 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.

#### Operations, Property, and/or Equipment - (P029) - (AF Line 2 Quarter Glass) AF Line 2 Quarter Glass Material Application

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05(A)(3)	The requirements established pursuant to this rule include compliance with the requirements of OAC rule 3745-31-05(C).
OAC rule 3745-31-05(C) (Synthetic Minor and to avoid PSD)	Organic compound/volatile organic compound (OC/VOC) emissions from all coatings, glass and body primers, adhesives, and wiping solvents employed in emissions units K222, R017, R018, P029, and P008 shall not exceed 18.1 tons per rolling, 12-month period.  See Sections A.I.2.a and A.II.1 below.
OAC rule 3745-21-07(G)	None when coating non-metal; see Section A.I.2.b below.
40 CFR Part 63, Subpart IIII	See Part II.A.1 of this permit.

##### 2. Additional Terms and Conditions

- 2.a All cleanup materials associated with this operation are accounted for by emissions unit P223 (assembly miscellaneous solvents) under PTI 01-6323.
- 2.b To avoid the emission limitations/control requirements contained in OAC rule 3745-21-07(G)(2), only materials exempt per OAC rule 3745-21-07(G)(9) or non-photochemically reactive materials shall be applied in this emissions unit.

Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).

##### II. Operational Restrictions

1. Emissions units K221, R019, R020, P331, and P216 (Line 1 with off-line repair) and emissions units K222, R017, R018, P029, and P008 (Line 2 with on-line repair) shall be

limited to a combined production rate of 490,000 units ( *vehicles*) per rolling, 12-month period. The total production rate shall be measured at the assembly off area (AF Off) for Lines 1 and 2.

### **III. Monitoring and/or Recordkeeping Requirements**

1. The permittee shall collect and record the following information each month for emissions units K222, R017, R018, P029, and P008 (Line 2 with on-line repair):
  - a. the name and identification of each coating, glass and body primer, adhesive, and wiping solvent applied;
  - b. the VOC content of each coating, glass and body primer, adhesive, and wiping solvent (excluding water and exempt solvents), when applied to metal;
  - c. the OC/VOC content of each coating, glass and body primer, adhesive, and wiping solvent, when applied to non-metal; and
  - d. the number of gallons of each coating, glass and body primer, adhesive, and wiping solvent employed.
2. The permittee shall collect and record the following information each month for emissions units K222, R017, R018, P029, and P008 (Line 2 with on-line repair):
  - a. the total OC/VOC emissions from all coatings, glass and body primers, adhesives, and wiping solvents employed, in pounds or tons; and
  - b. the rolling, 12-month OC/VOC emissions from all coatings, glass and body primers, adhesives, and wiping solvents employed, in tons.
3. The permittee shall maintain monthly records of the following for emissions units K221, R019, R020, P331, and P216 (Line 1 with off-line repair) and emissions units K222, R017, R018, P029, and P008 (Line 2 with on-line repair):
  - a. the total combined production rate, in units ( *vehicles*); and
  - b. the rolling, 12-month combined production rate, in units ( *vehicles*).
4. The permittee shall maintain records for each material applied to non-metal in this emissions unit that indicate whether or not the material is a photochemically reactive material.

### **IV. Reporting Requirements**

1. The permittee shall submit quarterly deviation (excursion) reports that identify any exceedances of the following:

- a. any exceedances of the rolling, 12-month OC/VOC emission limitation for emissions units K222, R017, R018, P029, and P008 (Line 2 with on-line repair);
  - b. any exceedances of the rolling, 12-month combined production rate ( vehicles, measured at AF Off) for emissions units K221, R019, R020, P331, and P216 (Line 1 with off-line repair) and emissions units K222, R017, R018, P029, and P008 (Line 2 with on-line repair); and
  - c. all periods of time when a photochemically reactive material was applied to non-metal in this emissions unit The quarterly deviation reports shall be submitted in accordance with General Term and Condition A.1.c.ii.
2. The permittee shall also submit annual reports that specify the total OC/VOC emissions from emissions units K222, R017, R018, P029, and P008 (Line 2 with on-line repair) 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 emission limitations specified in Section A.I shall be demonstrated in accordance with the following methods:

**Emission Limitation:**

Organic compound/volatile organic compound (OC/VOC) emissions from all coatings, glass and body primers, adhesives, and wiping solvents employed in emissions units K222, R017, R018, P029, and P008 shall not exceed 18.1 tons per rolling, 12-month period.

**Applicable Compliance Method:**

Compliance with this emission limitation shall be determined based upon the records required pursuant to Section A.III.2.

2. Formulation data from the manufacturer(s) of the coatings, glass and body primers, adhesives, and wiping solvents or analyses performed in accordance with 40 CFR Part 60, Appendix A, Method 24 shall be used to determine the OC content of each material applied.

## **VI. Miscellaneous Requirements**

1. This Permit to Install (PTI) shall supercede the requirements for this emissions unit in the PTI numbered 01-6045 issued May 17, 2005.

**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.

**Operations, Property, and/or Equipment - (P029) - (AF Line 2 Quarter Glass) AF Line 2 Quarter Glass Material Application**

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05	Limit(s)

2. **Additional Terms and Conditions**

- 2.a None

**II Operational Restrictions**

None

**III. Monitoring and/or Recordkeeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

1. This Permit to Install (PTI) shall supercede the requirements for this emissions unit in the PTI numbered 01-6045 issued May 17, 2005.

### 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.

#### Operations, Property, and/or Equipment - (P216) - (AF Off-Line Glass Repair) Repair and Off-Line Glass Install and Material Application

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05(A)(3)	The requirements established pursuant to this rule include compliance with the requirements of OAC rules 3745-21-09 (U)(2)(e)(iii), 3745-21-09(U)(1)(i), and 3745-31-05(C).
OAC rule 3745-31-05(C) (Synthetic Minor and to avoid PSD)	Organic compound/volatile organic compound (OC/VOC) emissions from all coatings, glass and body primers, adhesives, and wiping solvents employed in emissions units K221, R019, R020, P331, and P216 shall not exceed 18.1 tons per rolling, 12-month period.  See Sections A.I.2.a and A.II.1 below.
OAC rule 3745-21-07(G)	None when coating non-metal; see Section A.I.2.b below.
OAC rule 3745-21-09 (U)(2)(e)(iii)	The usage of body primer in this emissions unit shall not exceed 10 gallons per day.
OAC rule 3745-21-09(U)(1)(i)	When applying adhesives to metal, the VOC content of any adhesive employed in this emissions unit shall not exceed 3.0 lbs/gallon, excluding water and exempt solvents.
40 CFR Part 63, Subpart IIII	See Part II.A.1 of this permit.

##### 2. Additional Terms and Conditions

- 2.a All cleanup materials associated with this operation are accounted for by emissions unit P223 (assembly miscellaneous solvents) under PTI 01-6323.
- 2.b To avoid the emission limitations/control requirements contained in OAC rule 3745-21-07(G)(2), only materials exempt per OAC rule 3745-21-07(G)(9) or non-photochemically reactive materials shall be applied **to non-metal parts** in this emissions unit.

Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).

## **II. Operational Restrictions**

1. Emissions units K221, R019, R020, P331, and P216 (Line 1 with off-line repair) and emissions units K222, R017, R018, P029, and P008 (Line 2 with on-line repair) shall be limited to a combined production rate of 490,000 units ( vehicles) per rolling, 12-month period. The total production rate shall be measured at the assembly off area (AF Off) for Lines 1 and 2.

## **III. Monitoring and/or Recordkeeping Requirements**

1. The permittee shall collect and record the following information each month for emissions units K221, R019, R020, P331, and P216 (Line 1 with off-line repair):
  - a. the name and identification of each coating, glass and body primer, adhesive, and wiping solvent applied;
  - b. the VOC content of each coating, glass and body primer, adhesive, and wiping solvent (excluding water and exempt solvents), when applied to metal;
  - c. the OC/VOC content of each coating, glass and body primer, adhesive, and wiping solvent, when applied to non-metal; and
  - d. the number of gallons of each coating, glass and body primer, adhesive, and wiping solvent employed.
2. The permittee shall collect and record the following information each month for emissions units K221, R019, R020, P331, and P216 (Line 1 with off-line repair):
  - a. the total OC/VOC emissions from all coatings, glass and body primers, adhesives, and wiping solvents employed, in pounds or tons; and
  - b. the rolling, 12-month OC/VOC emissions from all coatings, glass and body primers, adhesives, and wiping solvents employed, in tons.
3. The permittee shall maintain monthly records of the following for emissions units K221, R019, R020, P331, and P216 (Line 1 with off-line repair) and emissions units K222, R017, R018, P029, and P008 (Line 2 with on-line repair):
  - a. the total combined production rate, in units (vehicles); and
  - b. the rolling, 12-month combined production rate, in units ( vehicles).
4. The permittee shall maintain records for each material applied to non-metal in this emissions unit that indicate whether or not the material is a photochemically reactive material.

**Honda of America Mfg., Inc.**  
**PTI Application: 01-12194**  
**Modification Issued: 6/13/2008**

**Facility ID: 0180000130**  
Emissions Unit ID: P216

5. The permittee shall collect and record the following information each day for body primer employed to metal components and/or parts:
  1. the name and identification of each coating employed;
  2. the total volume of each coating employed; and
  3. the total volume, in gallons, of all coatings employed.

#### **IV. Reporting Requirements**

1. The permittee shall notify the Ohio EPA, Central District Office in writing of any daily record showing an exceedance of the 10 gallon per day coating usage restriction . The notification shall include a copy of such record and shall be sent to the Ohio EPA, Central District Office within 45 days after the exceedance occurs.
2. The permittee shall notify the Ohio EPA Central District Office, in writing, of any monthly record showing the application of noncomplying adhesives (exceeding 3.0 lbs VOC/gal, as applied) to metal. The notification shall include a copy of such record and shall be sent to the Ohio EPA, Central District Office within 30 days following the end of the calendar month.
3. The permittee shall submit quarterly deviation (excursion) reports that identify the following:
  - a. any exceedances of the rolling, 12-month OC/VOC emission limitation for emissions units K221, R019, R020, P331, and P216 (Line 1 with off-line repair);
  - b. any exceedances of the rolling, 12-month combined production rate ( vehicles, measured at AF Off) for emissions units K221, R019, R020, P331, and P216 (Line 1 with off-line repair) and emissions units K222, R017, R018, P029, and P008 (Line 2 with on-line repair); and
  - c. all periods of time when a photochemically reactive material was applied to non-metal in this emissions unit. The quarterly deviation reports shall be submitted in accordance with General Term and Condition A.1.c.ii.
4. The permittee shall also submit annual reports that specify the total OC/VOC emissions from emissions units K221, R019, R020, P331, and P216 (Line 1 with off-line repair) 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**

Compliance with the emission limitations specified in Section A.I shall be demonstrated in accordance with the following methods:

**Honda of America Mfg., Inc.**

**PTI Application: 01-12194**

**Modification Issued: 6/13/2008**

**Facility ID: 0180000130**

**Emissions Unit ID: P216**

1. Emission Limitation:  
The VOC content of any adhesive employed in this emissions unit shall not exceed 3.0 pounds per gallon, excluding water and exempt solvents, when coating metal.

Applicable Compliance Method:

Compliance with this emission limitation shall be determined based upon the records required pursuant to Section A.III.1.

2. Emission Limitation:  
The usage of body primer in this emissions unit shall not exceed 10 gallons per day.

Applicable Compliance Method:

Compliance with this emission limitation shall be determined based upon the records required pursuant to Section A.III. 5.

3. Emission Limitation:  
Organic compound/volatile organic compound (OC/VOC) emissions from all coatings, glass and body primers, adhesives, and wiping solvents employed in emissions units K221, R019, R020, P331, and P216 shall not exceed 18.1 tons per rolling, 12-month period.

Applicable Compliance Method:

Compliance with this emission limitation shall be determined based upon the records required pursuant to Section A.III.2.

4. Formulation data from the manufacturer(s) of the coatings, glass and body primers, adhesives, and wiping solvents or analyses performed in accordance with 40 CFR Part 60, Appendix A, Method 24 shall be used to determine the OC content of each material applied.

## **VI. Miscellaneous Requirements**

1. This Permit to Install (PTI) shall supercede the requirements for this emissions unit in the PTI numbered 01-6045 issued May 17, 2005.

**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.

**Operations, Property, and/or Equipment - (P216) - (AF Off-Line Glass Repair) Repair and Off-Line Glass Install and Material Application**

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05	Limit(s)

2. **Additional Terms and Conditions**

- 2.a None

**II. Operational Restrictions**

None

**III. Monitoring and/or Recordkeeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

1. This Permit to Install (PTI) shall supercede the requirements for this emissions unit in the PTI numbered 01-6045 issued May 17, 2005.

### 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.

#### Operations, Property, and/or Equipment - (P330) - (Welding Line 1) Line # 1 of two Main Body Welding Lines with Various Sublines on Each Line

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05(C) (Synthetic Minor and to avoid PSD)	Organic compound emissions shall not exceed 11.0 tons per rolling 12 months for welding operations on Line 1 (P330) and Line 2 (P004) .
OAC rule 3745-31-05(A)(3)	Weld Line 1 : MIG welding and brazing: Fugitive particulate emissions shall not exceed 0.26 lb/hr and 0.52 ton/yr from Weld Line 1 & Line 2 together  See Sections A.I.2.c and A.II.1.  Anti-spatter materials and cleaning solutions shall not exceed 4.3 lbs OC/gal.
OAC rule 3745-21-07(G)	Anti-spatter material and cleaning solution usage: Use of only non-photochemically reactive materials or materials exempt under 3745-21-07(G)(9)
OAC rule 3745-21-09(U)(2)(e)(iii)	Miscellaneous sealers/sealants and quality marker coating usage: Use of no more than 10 gallons/day of miscellaneous *sealers/sealants and quality marker coatings

\* These sealers and sealants are not the same materials, nor the same application, as those permitted for use in emission units P005 and P200.

##### 2. Additional Terms and Conditions

- 2.a This emissions unit shall use only nonphotochemically reactive materials or materials exempt per OAC 3745-21-07(G)(9) for antispatter material and cleaning solution materials.
- 2.b The maximum annual production rate for Line 1 and Line 2 shall not exceed 490,000 units ( vehicles), based upon a the rolling, 12-month production of vehicles measured at the "AF Off".

- 2.c** The annual usage of MIG and brazing wire and rod shall not exceed 443,000 pounds per year on Line 1 and Line 2 together.

## **II. Operational Restrictions**

1. The permittee shall minimize or eliminate visible particulate emissions through the installation and operation of collection hoods and fans at the point of emissions from the primary MIG welding. This collection system shall be vented to a baghouse having a collection efficiency of 90%, whenever MIG welding occurs in the primary MIG welding area. Capture efficiency at the point source of emissions shall be calculated at 85%, unless testing of the hood collection system demonstrates a different efficiency. Manual repair, mobile MIG welding, and the individual MIG robots on D Zone operations shall not require control.

## **III. Monitoring and/or Recordkeeping Requirements**

1. The permittee shall collect and record the following information each month for the welding operations:
  - a. the name and identification for each anti-spatter and cleaning solution employed; and
  - b. the organic compound content of each anti-spatter and cleaning solution, as applied.
2. The permittee shall collect and record the following information each day for the welding operations:
  - a. the name and identification for each miscellaneous sealer/sealant, quality marker coating, and/or miscellaneous organic material employed to the auto body or metal part;
  - b. the volume, in gallons, of each miscellaneous sealer/sealant and quality marker coating employed; and
  - c. the total volume, in gallons, of all miscellaneous sealers/sealants and quality marker coatings employed.

If the total use of these materials, in any single day, is less than 1 gallon per day, the material used need only be recorded in the daily record as <1 gallon.

Monthly emissions shall be calculated using actual monthly usage inventory records, if monthly records prove more accurate than the sum of daily usage.

3. The permittee shall collect and record the following information each month for the welding operations:

- a. the number of gallons of each cleaning solution, anti-spatter material, miscellaneous sealer/sealant, quality marker coating, miscellaneous organic material employed, and pounds (or tons) of MIG and brazing wire/rod consumed;
  - b. the organic compound content of each cleaning solution, anti-spatter material, miscellaneous sealer/sealant, quality marker coating, and/or miscellaneous organic material, in pounds per gallon;
  - c. the total organic compound emissions from all cleaning solutions, anti-spatter materials, miscellaneous sealers/sealants, quality marker coatings, miscellaneous organic material usage, and the vaporization of rust preventive oils from spot welding, in pounds per month;
  - d. the rolling 12-month production of automobiles, measured at the "AF Off" area; and
  - e. the rolling 12-month OC emissions from welding operations on Line 1 and Line 2.
4. The permittee shall maintain records that document any time periods when the hood collection or fabric filter systems were not in service when MIG welding occurs in the primary MIG welding area .

#### **IV. Reporting Requirements.**

1. The permittee shall submit deviation (excursion) reports which include the following:
  - a. any monthly record or calculation showing an exceedance of the 12-month rolling OC emissions limit of 11.0 tons for Line 1 and Line 2 welding operations, and/or the rolling 12-month production of 490,000 units( vehicles) measured at the "AF Off";
  - b. any record showing an exceedance of the annual MIG brazing wire/rod usage of 443,000 pounds per year on welding Lines 1 and 2.
  - c. any occurrence of the use of a photochemically reactive material or material not exempted in 3745-21-07(G)(9), for antispatter material and cleaning solution materials, including an identification of the material used, it's composition, and the day(s) and duration of time the material was used. These exceedance reports shall be submitted as required in the General Terms and Conditions of this permit.
2. The permittee shall notify the Ohio EPA Central District Office in writing of any record showing the use of noncomplying (>4.3 lbs OC/gal) anti-spatter materials or cleaning solutions. The notification shall include a copy of such record and shall be sent to the Ohio EPA Central District Office within 30 days following the end of the calendar month.
3. The permittee shall notify the Ohio EPA Central District Office in writing of any daily record showing that the welding line employed more than 10 gallons per day of

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miscellaneous sealers/sealant(s) and quality marker coating(s) (together). The notification shall include a copy of such record and shall be sent to the Ohio EPA Central District Office within 45 days after the exceedance occurs.

4. The permittee shall notify the Ohio EPA Central District Office of any daily record showing that the hood collection system/fan and/or fabric filter were not in service when MIG welding occurs in the primary MIG welding .
5. The permittee shall also submit annual reports which specify the total OC emissions from this emissions unit for the previous calendar year. This report may be satisfied by including this emissions unit in the submission of the annual Fee Emission Report. Particulate emissions need not be reported, since the potential emissions for this emissions unit is under 1 ton per year from each line.

## **V. Testing Requirements**

Compliance with the emission limitations contained in this permit shall be determined in accordance with the following methods:

### 1. Emission Limitation

11.0 tons OC/rolling, 12-month period for Line 1 and Line 2 welding operations

#### Applicable Compliance Method

Compliance with the rolling 12-month OC limit shall be determined through monthly and 12-month rolling recordkeeping of units produced, material usage, the organic compound content of each material used, calculation of the volatile emissions from rust protecting oils from the point of weld (calculated, as shown below), and the rolling 12-month summation of calculated OC emissions (See Section III). Formulation data from the material's manufacturer or USEPA Method 24 shall be used to determine the organic compound content of the cleaning solutions, anti-spatter materials, sealers/sealants, quality marker coatings, and/or miscellaneous organic materials to be used in the calculation of emissions. Twelve month rolling emissions shall be calculated by adding the current monthly emission calculations, from the emissions unit, to the previous 11 month's emission calculations.

Organic compound emissions from the rust protectant oils at the point of weld, shall be calculated as follows:

Annual Emissions = Area of weld ( $\text{PiR}^2$ ) or  $(3.1416)(0.0328 \text{ ft})^2$  x amount of rust protective oil on metal sheet ( $275 \text{ mg/ft}^2$ ) x  $(0.0022 \text{ lb/1000 mg})$  x  $(3,000 \text{ welds/car})$  x  $(500,000 \text{ units and parts on Lines 1 \& 2/yr})$  x  $(4 \text{ sides/weld})$  x  $(1 \text{ ton/2000 lbs}) = 6.14 \text{ tons OC/year}$

Unless any of the variables in this equation change, the worst case emission calculations from the evaporation of rust-proofing oil(s) at the point of weld, above, shall be used to document the contribution of this source of OC emissions, to this limit.

2. Emission Limitation

0.26 lb particulate emissions/hr from both Lines 1 and 2  
0.52 ton particulate emissions/yr from both Lines 1 and 2

Applicable Compliance Method

Compliance with the particulate limits contained in this permit shall be determined through annual calculation of worst case emissions. To document the worst case emission rate for particulate matter, the following equations shall be used:

Hourly Emissions = [maximum MIG and brazing wire/rod usage (110.76 pounds per hour for Line 1 and Line 2) X emission factor from Gradient Corporation and by the American Welding Company (0.01 lbs particulate emissions/pound of MIG and brazing wire) X uncaptured fugitive emissions at the point of weld (100%-85%)] + [maximum MIG and brazing wire/rod usage (110.76 pounds per hour for Line 1 and Line 2) X emission factor from Gradient Corporation and by the American Welding Company (0.01 lbs particulate emissions/pound of MIG and brazing wire) X fugitive emissions lost from the baghouse (85%) x (100%-90%)] = 0.26 lbs particulate emissions/hour.

Annual Emissions = [actual or maximum MIG and brazing wire/rod usage (443,000 pounds per year for Line 1 and Line 2) X emission factor from Gradient Corporation and by the American Welding Company (0.01 lbs particulate emissions/pound of MIG wire) X uncaptured fugitive emissions at the point of weld (100%-85%)] + [actual or maximum MIG wire usage (443,000 pounds per year for Line 1 and Line 2) X emission factor from Gradient Corporation and by the American Welding Company (0.01 lbs particulate emissions/pound of MIG wire) X fugitive emissions lost from the baghouse (85%) x (100%-90%)] x [1 ton/2000 lbs] = 0.52 tons particulate emissions/yr.

**VI. Miscellaneous Requirements**

1. This Permit to Install (PTI) shall supercede the requirements for this emissions unit in the PTI numbered 01-8118 issued May 25, 2006.

**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.

**Operations, Property, and/or Equipment - (P330) - (Welding Line 1) Line # 1 of two Main Body Welding Lines with Various Sublines on Each Line**

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-114	See Section B.III below.

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 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 by this emissions unit using data from the permit to install application and the SCREEN 3.0 model (or other Ohio EPA approved 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" usage for this pollutant:

Pollutant: dipropylene glycol monomethyl ether

TLV: 606 mg/m<sup>3</sup>

Maximum Hourly Emission Rate: 6.43 lbs/hr from both welding Lines 1 and 2

Predicted 1-Hour Maximum Ground-Level Concentration: 1.401 mg/m<sup>3</sup>

MAGLC: 14.43 mg/m<sup>3</sup>

2. Prior to making any physical changes to or changes in the method of operation of the emissions unit(s), that could impact the parameters or values that were used in the predicted 1-hour maximum ground-level concentration”, the permittee shall re-model the change(s) to demonstrate that the MAGLC has not been exceeded. Changes that can affect the parameters/values used in determining the 1-hour maximum ground-level concentration include, but are not limited to, 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 new toxic air contaminant with a lower Threshold Limit Value (TLV) than the lowest TLV 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 toxic air contaminant listed in OAC rule 3745-114-01, that was modeled from the initial (or last) application; and
  - c. physical changes to the emissions unit(s) or its/their exhaust parameters (e.g., increased/ decreased exhaust flow, changes in stack height, changes in stack diameter, etc.).

If the permittee determines that the “Toxic Air Contaminant Statute” 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 solely due to a non-restrictive change to a parameter or process operation, where compliance with the “Toxic Air Contaminant Statute”, ORC 3704.03(F), has been documented. If the change(s) meet(s) the definition of a “modification” or if a new toxic is emitted, or the modeled toxic(s) is/are expected to exceed the previous modeled level(s), then the permittee shall apply for and obtain a final permit-to-install prior to the change. The Director may consider any significant departure from the operations of the emissions unit, described in the permit-to-install application, as a modification that results in greater emissions than the emissions rate modeled to determine the ground level concentration; and may require the permittee to submit a permit-to-install application for the increased emissions.

[ORC 3704.03(F)(3)(c) and F(4)], [OAC rule 3745-114-01], Option A, Engineering Guide #70

3. The permittee shall collect, record, and retain the following information for each toxic evaluation conducted to determine compliance with the “Toxic Air Contaminant Statute”, ORC 3704.03(F):
  - a. a description of the parameters/values used in each compliance demonstration and the parameters or values changed for any re-evaluation of the toxic(s) modeled (the composition of materials, new toxic contaminants emitted, change in stack/exhaust parameters, etc.);

- b. the Maximum Acceptable Ground-Level Concentration (MAGLC) for each significant toxic contaminant or worst-case contaminant, calculated in accordance with the "Toxic Air Contaminant Statute", ORC 3704.03(F);
- c. a copy of the computer model run(s), that established the predicted 1-hour maximum ground-level concentration that demonstrated the emissions unit(s) to be in compliance with the "Toxic Air Contaminant Statute", ORC 3704.03(F), initially and for each change that requires re-evaluation of the toxic air contaminant emissions; and
- d. the documentation of the initial evaluation of compliance with the "Toxic Air Contaminant Statute", ORC 3704.03(F), and documentation of any determination that was conducted to re-evaluate compliance due to a change made to the emissions unit(s) or the materials applied.

[ORC 3704.03(F)(3)(c) and F(4)], [OAC rule 3745-114-01], Option A, Engineering Guide #70

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

- 1. This Permit to Install (PTI) shall supercede the requirements for this emissions unit in the PTI numbered 01-8118 issued May 25, 2006.

### 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.

#### Operations, Property, and/or Equipment - (P331) - (AF Line 1 Quarter Glass) New Line 1 Quarter Glass

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05(A)(3)	The requirements established pursuant to this rule include compliance with the requirements of OAC rule 3745-31-05(C).
OAC rule 3745-31-05(C) (Synthetic Minor and to avoid PSD)	Organic compound/volatile organic compound (OC/VOC) emissions from all coatings, glass and body primers, adhesives, and wiping solvents employed in emissions units K221, R019, R020, P331 and P216 shall not exceed 18.1 tons per rolling, 12-month period.  See Sections A.I.2.a and A.II.1 below.
OAC rule 3745-21-07(G)	None when coating non-metal; see Section A.II.2.b below.
40 CFR Part 63, Subpart IIII	See Part II.A.1 of this permit.

##### 2. Additional Terms and Conditions

- 2.a All cleanup materials associated with this operation are accounted for by emissions unit P223 (assembly miscellaneous solvents) under PTI 01-6323.
- 2.b To avoid the emission limitations/control requirements contained in OAC rule 3745-21-07(G)(2), only materials exempt per OAC rule 3745-21-07(G)(9) or non-photochemically reactive materials shall be applied in this emissions unit.

Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).

##### II. Operational Restrictions

1. Emissions units K221, R019, R020, P331, and P216 (Line 1 with off-line repair) and emissions units K222, R017, R018, P029, and P008 (Line 2 with on-line repair) shall be limited to a combined production rate of 490,000 units ( vehicles) per rolling, 12-month

period. The total production rate shall be measured at the assembly off area (AF Off) for Lines 1 and 2.

### **III. Monitoring and/or Recordkeeping Requirements**

1. The permittee shall collect and record the following information each month for emissions units K221, R019, R020, P331, and P216 (Line 1 with off-line repair):
  - a. the name and identification of each coating, glass and body primer, adhesive, and wiping solvent applied;
  - b. the VOC content of each coating, glass and body primer, adhesive, and wiping solvent (excluding water and exempt solvents), when applied to metal;
  - c. the OC/VOC content of each coating, glass and body primer, adhesive, and wiping solvent, when applied to non-metal; and
  - d. the number of gallons of each coating, glass and body primer, adhesive, and wiping solvent employed.
2. The permittee shall collect and record the following information each month for emissions units K221, R019, R020, P331, and P216 (Line 1 with off-line repair):
  - a. the total OC/VOC emissions from all coatings, glass and body primers, adhesives, and wiping solvents employed, in pounds or tons; and
  - b. the rolling, 12-month OC/VOC emissions from all coatings, glass and body primers, adhesives, and wiping solvents employed, in tons.
3. The permittee shall maintain monthly records of the following for emissions units K221, R019, R020, P331, and P216 (Line 1 with off-line repair) and emissions units K222, R017, R018, P029, and P008 (Line 2 with on-line repair):
  - a. the total combined production rate, in units ( vehicles); and
  - b. the rolling, 12-month combined production rate, in units ( vehicles).
4. The permittee shall maintain records for each material applied to non-metal in this emissions unit that indicate whether or not the material is a photochemically reactive material.

### **IV. Reporting Requirements**

1. The permittee shall submit quarterly deviation (excursion) reports that identify the following:
  - a. any exceedances of the rolling, 12-month OC/VOC emission limitation for emissions units K221, R019, R020, P331, and P216 (Line 1 with off-line repair);

- b. any exceedances of the rolling, 12-month combined production rate ( vehicles, measured at AF Off) for emissions units K221, R019, R020, P331, and P216 (Line 1 with off-line repair) and emissions units K222, R017, R018, P029, and P008 (Line 2 with on-line repair); and
- c. all periods of time when a photochemically reactive material was applied to non-metal in this emissions unit.

The quarterly deviation reports shall be submitted in accordance with General Term and Condition A.1.c.ii.

- 2. The permittee shall also submit annual reports that specify the total OC/VOC emissions from emissions units K221, R019, R020, P331, and P216 (Line 1 with off-line repair) 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**

Compliance with the emission limitations specified in Section A.I shall be demonstrated in accordance with the following methods:

- 1. **Emission Limitation:**  
Organic compound/volatile organic compound (OC/VOC) emissions from all coatings, glass and body primers, adhesives, and wiping solvents employed in emissions units K221, R019, R020, P331, and P216 shall not exceed 18.1 tons per rolling, 12-month period.

**Applicable Compliance Method:**

Compliance with this emission limitation shall be determined based upon the records required pursuant to Section A.III.2.

- 2. Formulation data from the manufacturer(s) of the coatings, glass and body primers, adhesives, and wiping solvents or analyses performed in accordance with 40 CFR Part 60, Appendix A, Method 24 shall be used to determine the OC content of each material applied.

## **VI. Miscellaneous Requirements**

- 1. This Permit to Install (PTI) shall supercede the requirements for this emissions unit in the PTI numbered 01-6045 issued May 17, 2005.

**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.

**Operations, Property, and/or Equipment - (P331) - (AF Line 1 Quarter Glass) New Line 1 Quarter Glass**

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05	Limit(s)

2. **Additional Terms and Conditions**

- 2.a None

**II. Operational Restrictions**

None

**III. Monitoring and/or Recordkeeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

1. This Permit to Install (PTI) shall supercede the requirements for this emissions unit in the PTI numbered 01-6045 issued May 17, 2005.

### 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.

#### Operations, Property, and/or Equipment - (R017) - (AF Line 2 Glass Primer) AF Line 2 Glass Primer Application

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05(A)(3)	The requirements established pursuant to this rule include compliance with the requirements of OAC rule 3745-31-05(C).
OAC rule 3745-31-05(C) (Synthetic Minor and to avoid PSD)	Organic compound/volatile organic compound (OC/VOC) emissions from all coatings, glass and body primers, adhesives, and wiping solvent employed in emissions units K222, R017, R018, P029, and P008 shall not exceed 18.1 tons per rolling, 12-month period.  See Sections A.I.2.a and A.II.1 below.
OAC rule 3745-21-07(G)	None when coating non-metal; see Section A.I.2.a below.
40 CFR Part 63, Subpart IIII	See Part II.A.1 of this permit.

##### 2. Additional Terms and Conditions

- 2.a All cleanup materials associated with this operation are accounted for by emissions unit P223 (assembly miscellaneous solvents) under PTI 01-6323.
- 2.b To avoid the emission limitations/control requirements contained in OAC rule 3745-21-07(G)(2), only materials exempt per OAC rule 3745-21-07(G)(9) or non-photochemically reactive materials shall be applied in this emissions unit.

Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).

##### II. Operational Restrictions

1. Emissions units K221, R019, R020, P331, and P216 (Line 1 with off-line repair) and emissions units K222, R017, R018, P029, and P008 (Line 2 with on-line repair) shall be limited to a combined production rate of 490,000 units ( **vehicles**) per rolling, 12-month

period. The total production rate shall be measured at the assembly off area (AF Off) for Lines 1 and 2.

### III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall collect and record the following information each month for emissions units K222, R017, R018, P029, and P008 (Line 2 with on-line repair):
  - a. the name and identification of each coating, glass and body primer, adhesive, and wiping solvent applied;
  - b. the VOC content of each coating, glass and body primer, adhesive, and wiping solvent (excluding water and exempt solvents), when applied to metal;
  - c. the OC/VOC content of each coating, glass and body primer, adhesive, and wiping solvent, when applied to non-metal; and
  - d. the number of gallons of each coating, glass and body primer, adhesive, and wiping solvent employed.
2. The permittee shall collect and record the following information each month for emissions units K222, R017, R018, P029, and P008 (Line 2 with on-line repair):
  - a. the total OC/VOC emissions from all coatings, glass and body primers, adhesives, and wiping solvents employed, in pounds or tons; and
  - b. the rolling, 12-month OC/VOC emissions from all coatings, glass and body primers, adhesives, and wiping solvents employed, in tons.
3. The permittee shall maintain monthly records of the following for emissions units K221, R019, R020, P331, and P216 (Line 1 with off-line repair) and emissions units K222, R017, R018, P029, and P008 (Line 2 with on-line repair):
  - a. the total combined production rate, in units ( vehicles); and
  - b. the rolling, 12-month combined production rate, in units ( vehicles).
4. The permittee shall maintain records for each material applied to non-metal in this emissions unit that indicate whether or not the material is a photochemically reactive material.

### IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that identify the following:
  - a. any exceedances of the rolling, 12-month OC/VOC emission limitation for emissions units K222, R017, R018, P029, and P008 (Line 2 with on-line repair);

- b. any exceedances of the rolling, 12-month combined production rate ( vehicles, measured at AF Off) for emissions units K221, R019, R020, P331, and P216 (Line 1 with off-line repair) and emissions units K222, R017, R018, P029, and P008 (Line 2 with on-line repair); and
- c. all periods of time when a photochemically reactive material was applied to non-metal in this emissions unit

The quarterly deviation reports shall be submitted in accordance with General Term and Condition A.1.c.ii.

- 2. The permittee shall also submit annual reports that specify the total OC/VOC emissions from emissions units K222, R017, R018, P029, and P008 (Line 2 with on-line repair) 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**

Compliance with the emission limitations specified in Section A.I shall be demonstrated in accordance with the following methods:

- 1. **Emission Limitation:**  
Organic compound/volatile organic compound (OC/VOC) emissions from all coatings, glass and body primers, adhesives, and wiping solvent employed in emissions units K222, R017, R018, P029, and P008 shall not exceed 18.1 tons per rolling, 12-month period.

**Applicable Compliance Method:**

Compliance with this emission limitation shall be determined based upon the records required pursuant to Section A.III.2.

- 2. Formulation data from the manufacturer(s) of the coatings, glass and body primers, adhesives, and wiping solvents or analyses performed in accordance with 40 CFR Part 60, Appendix A, Method 24 shall be used to determine the OC content of each material applied.

## **VI. Miscellaneous Requirements**

- 1. This Permit to Install (PTI) shall supercede the requirements for this emissions unit in the PTI numbered 01-6045 issued May 17, 2005.

**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.

**Operations, Property, and/or Equipment - (R017) - (AF Line 2 Glass Primer) AF Line 2 Glass Primer Application**

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05	Limit(s)

2. **Additional Terms and Conditions**

- 2.a None

**II. Operational Restrictions**

None

**III. Monitoring and/or Recordkeeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

1. This Permit to Install (PTI) shall supercede the requirements for this emissions unit in the PTI numbered 01-6045 issued May 17, 2005.

### 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.

#### Operations, Property, and/or Equipment - (R018) - (AF Line 2 Window Adhesive) AF Line 2 Window Adhesive Application

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05(A)(3)	The requirements established pursuant to this rule include compliance with the requirements of OAC rules 3745-21-09(U)(1)(i) and 3745-31-05(C).
OAC rule 3745-31-05(C) (Synthetic Minor and to avoid PSD)	Organic compound/volatile organic compound (OC/VOC) emissions from all coatings, glass and body primers, adhesives, and wiping solvents employed in emissions units K222, R017, R018, P029, and P008 shall not exceed 18.1 tons per rolling, 12-month period.  See Sections A.I.2.a and A.II.1 below.
OAC rule 3745-21-07(G)	None when coating non-metal; see Section A.I.2.b below.
OAC rule 3745-21-09(U)(1)(i)	When applying adhesives to metal, the volatile organic compound (VOC) content of any adhesive employed in this emissions unit shall not exceed 3.0 lbs/gallon, excluding water and exempt solvents.
40 CFR Part 63, Subpart IIII	See Part II.A.1 of this permit.

##### 2. Additional Terms and Conditions

- 2.a All cleanup materials associated with this operation are accounted for by emissions unit P223 (assembly miscellaneous solvents) under PTI 01-6323.
- 2.b To avoid the emission limitations/control requirements contained in OAC rule 3745-21-07(G)(2), only materials exempt per OAC rule 3745-21-07(G)(9) or non-photochemically reactive materials shall be applied to non-metal parts in this emissions unit.

Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).

## **II. Operational Restrictions**

1. Emissions units K221, R019, R020, P331, and P216 (Line 1 with off-line repair) and emissions units K222, R017, R018, P029, and P008 (Line 2 with on-line repair) shall be limited to a combined production rate of 490,000 units ( vehicles) per rolling, 12-month period. The total production rate shall be measured at the assembly off area (AF Off) for Lines 1 and 2.

## **III. Monitoring and/or Recordkeeping Requirements**

1. The permittee shall collect and record the following information each month for emissions units K222, R017, R018, P029, and P008 (Line 2 with on-line repair):
  - a. the name and identification of each coating, glass and body primer, adhesive, and wiping solvent applied;
  - b. the VOC content of each coating, glass and body primer, adhesive, and wiping solvent (excluding water and exempt solvents), when applied to metal;
  - c. the OC/VOC content of each coating, glass and body primer, adhesive, and wiping solvent, when applied to non-metal; and
  - d. the number of gallons of each coating, glass and body primer, adhesive, and wiping solvent employed.
2. The permittee shall collect and record the following information each month for emissions units K222, R017, R018, P029, and P008 (Line 2 with on-line repair):
  - a. the total OC/VOC emissions from all coatings, glass and body primers, adhesives, and wiping solvents employed, in pounds or tons; and
  - b. the rolling, 12-month OC/VOC emissions from all coatings, glass and body primers, adhesives, and wiping solvents employed, in tons.
3. The permittee shall maintain monthly records of the following for emissions units K221, R019, R020, P331, and P216 (Line 1 with off-line repair) and emissions units K222, R017, R018, P029, and P008 (Line 2 with on-line repair):
  - a. the total combined production rate, in units ( vehicles); and
  - b. the rolling, 12-month combined production rate, in units (vehicles).
4. The permittee shall maintain records for each material applied to non-metal in this emissions unit that indicate whether or not the material is a photochemically reactive material.

#### IV. Reporting Requirements

1. The permittee shall notify the Ohio EPA Central District Office, in writing, of any monthly record showing the application of noncomplying adhesives (exceeding 3.0 lbs VOC/gal, as applied) to metal. The notification shall include a copy of such record and shall be sent to the Ohio EPA, Central District Office within 30 days following the end of the calendar month.
2. The permittee shall submit quarterly deviation (excursion) reports that identify the following:
  - a. any exceedances of the rolling, 12-month OC/VOC emission limitation for emissions units K222, R017, R018, P029, and P008 (Line 2 with on-line repair);
  - b. any exceedances of the rolling, 12-month combined production rate ( **vehicles**, measured at AF Off) for emissions units K221, R019, R020, P331, and P216 (Line 1 with off-line repair) and emissions units K222, R017, R018, P029, and P008 (Line 2 with on-line repair); and
  - c. all periods of time when a photochemically reactive material was applied to non-metal in this emissions unit

The quarterly deviation reports shall be submitted in accordance with General Term and Condition A.1.c.ii

3. The permittee shall also submit annual reports that specify the total OC/VOC emissions from emissions units K222, R017, R018, P029, and P008 (Line 2 with on-line repair) 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

Compliance with the emission limitations specified in Section A.I shall be demonstrated in accordance with the following methods:

1. Emission Limitation:  
The VOC content of any adhesive employed in this emissions unit shall not exceed 3.0 pounds per gallon, excluding water and exempt solvents, when coating metal.

Applicable Compliance Method:

Compliance with this emission limitation shall be determined based upon the records required pursuant to Section A.III.1.

2. Emission Limitation:  
Organic compound/volatile organic compound (OC/VOC) emissions from all coatings, glass and body primers, adhesives, and wiping solvents employed in emissions units K222, R017, R018, P029, and P008 shall not exceed 18.1 tons per rolling, 12-month period.

Applicable Compliance Method:

Compliance with this emission limitation shall be determined based upon the records required pursuant to Section A.III.2.

3. Formulation data from the manufacturer(s) of the coatings, glass and body primers, adhesives, and wiping solvents or analyses performed in accordance with 40 CFR Part 60, Appendix A, Method 24 shall be used to determine the OC content of each material applied.

**VI. Miscellaneous Requirements**

1. This Permit to Install (PTI) shall supercede the requirements for this emissions unit in the PTI numbered 01-6045 issued May 17, 2005.

**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.

**Operations, Property, and/or Equipment - (R018) - (AF Line 2 Window Adhesive) AF Line 2 Window Adhesive Application**

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05	Limit(s)

**2. Additional Terms and Conditions**

2.a None

**II. Operational Restrictions**

None

**III. Monitoring and/or Recordkeeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

- 1. This Permit to Install (PTI) shall supercede the requirements for this emissions unit in the PTI numbered 01-6045 issued May 17, 2005.

### 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.

#### Operations, Property, and/or Equipment - (R019) - AF Line 1 Glass Primer

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05(A)(3)	The requirements established pursuant to this rule include compliance with the requirements of OAC rule 3745-31-05(C).
OAC rule 3745-31-05(C) (Synthetic Minor and to avoid PSD)	Organic compound/volatile organic compound (OC/VOC) emissions from all coatings, glass and body primers, adhesives, and wiping solvents employed in emissions units K221, R019, R020, P331, and P216 shall not exceed 18.1 tons per rolling, 12-month period.  See Sections A.I.2.a and A.II.1 below.
OAC rule 3745-21-07(G)	None when coating non-metal; see Section A.I.2.b below.
40 CFR Part 63, Subpart IIII	See Part II.A.1 of this permit.

##### 2. Additional Terms and Conditions

- 2.a All cleanup materials associated with this operation are accounted for by emissions unit P223 (assembly miscellaneous cleanup) under PTI 01-6323.
- 2.b To avoid the emission limitations/control requirements contained in OAC rule 3745-21-07(G)(2), only materials exempt per OAC rule 3745-21-07(G)(9) or non-photochemically reactive materials shall be applied in this emissions unit.

Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).

##### II. Operational Restrictions

1. Emissions units K221, R019, R020, P331, and P216 (Line 1 with off-line repair) and emissions units K222, R017, R018, P029, and P008 (Line 2 with on-line

repair) shall be limited to a combined production rate of 490,000 units ( **vehicles**) per rolling, 12-month period. The total production rate shall be measured at the assembly off area (AF Off) for Lines 1 and 2.

### III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall collect and record the following information each month for emissions units K221, R019, R020, P331, and P216 (Line 1 with off-line repair):
  - a. the name and identification of each coating, glass and body primer, adhesive, and wiping solvent applied;
  - b. the VOC content of each coating, glass and body primer, adhesive, and wiping solvent (excluding water and exempt solvents), when applied to metal;
  - c. the OC/VOC content of each coating, glass and body primer, adhesive, and wiping solvent, when applied to non-metal; and
  - d. the number of gallons of each coating, glass and body primer, adhesive, and wiping solvent employed.
2. The permittee shall collect and record the following information each month for emissions units K221, R019, R020, P331, and P216 (Line 1 with off-line repair):
  - a. the total OC/VOC emissions from all coatings, glass and body primers, adhesives, and wiping solvents employed, in pounds or tons; and
  - b. the rolling, 12-month OC/VOC emissions from all coatings, glass and body primers, adhesives, and wiping solvents employed, in tons.
3. The permittee shall maintain monthly records of the following for emissions units K221, R019, R020, P331, and P216 (Line 1 with off-line repair) and emissions units K222, R017, R018, P029, and P008 (Line 2 with on-line repair):
  - a. the total combined production rate, in units (cars **vehicles**); and
  - b. the rolling, 12-month combined production rate, in units ( **vehicles**).

4. The permittee shall maintain records for each material applied to non-metal in this emissions unit that indicate whether or not the material is a photochemically reactive material.

#### IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that identify the following:
  - a. any exceedances of the rolling, 12-month OC/VOC emission limitation for emissions units K221, R019, R020, P331, and P216 (Line 1 with off-line repair);
  - b. any exceedances of the rolling, 12-month combined production rate ( **vehicles**, measured at AF Off) for emissions units K221, R019, R020, P331, and P216 (Line 1 with off-line repair) and emissions units K222, R017, R018, P029, and P008 (Line 2 with on-line repair); and
  - c. all periods of time when a photochemically reactive material was applied to non-metal in this emissions unit

The quarterly deviation reports shall be submitted in accordance with General Term and Condition A.1.c.ii.

2. The permittee shall also submit annual reports that specify the total OC/VOC emissions from emissions units K221, R019, R020, P331, and P216 (Line 1 with off-line repair) 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

Compliance with the emission limitations specified in Section A.I shall be demonstrated in accordance with the following methods:

1. Emission Limitation:  
Organic compound/volatile organic compound (OC/VOC) emissions from all coatings, glass and body primers, adhesives, and wiping solvents employed in emissions units K221, R019, R020, P331, and P216 shall not exceed 18.1 tons per rolling, 12-month period.

Applicable Compliance Method:

Compliance with this emission limitation shall be determined based upon the records required pursuant to Section A.III.2.

**Honda of America Mfg., Inc.**

**PTI Application: 01-12194**

**Modification Issued: 6/13/2008**

**Facility ID: 0180000130**

Emissions Unit ID: R019

2. Formulation data from the manufacturer(s) of the coatings, glass and body primers, adhesives, and wiping solvents or analyses performed in accordance with 40 CFR Part 60, Appendix A, Method 24 shall be used to determine the OC content of each material applied.

## **VI. Miscellaneous Requirements**

1. This Permit to Install (PTI) shall supercede the requirements for this emissions unit in the PTI numbered 01-6045 issued May 17, 2005.

**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.

**Operations, Property, and/or Equipment - (R019) - AF Line 1 Glass Primer**

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05	Limit(s)

2. **Additional Terms and Conditions**

- 2.a None

**II. Operational Restrictions**

None

**III. Monitoring and/or Recordkeeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

1. This Permit to Install (PTI) shall supercede the requirements for this emissions unit in the PTI numbered 01-6045 issued May 17, 2005.

### 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.

#### Operations, Property, and/or Equipment - (R020) - (AF Line 1 Window Adhesive Application) Line 1 Window Adhesive Application

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05(A)(3)	The requirements established pursuant to this rule include compliance with the requirements of OAC rules 3745-21-09(U)(1)(i) and 3745-31-05(C).
OAC rule 3745-31-05(C) (Synthetic Minor and to avoid PSD)	Organic compound/volatile organic compound (OC/VOC) emissions from all coatings, glass and body primers, adhesives, and wiping solvents employed in emissions units K221, R019, R020, P331, and P216 shall not exceed 18.1 tons per rolling, 12-month period.  See Sections A.I.2.a and A.II.1 below.
OAC rule 3745-21-07(G)	None when coating non-metal; see Section A.I.2.b below.
OAC rule 3745-21-09(U)(1)(i)	When applying adhesives to metal, the volatile organic compound (VOC) content of any adhesive employed in this emissions unit shall not exceed 3.0 lbs/gallon, excluding water and exempt solvents.
40 CFR Part 63, Subpart IIII	See Part II.A.1 of this permit.

##### 2. Additional Terms and Conditions

- 2.a All cleanup materials associated with this operation are accounted for by emissions unit P223 (assembly miscellaneous solvents) under PTI 01-6323.
- 2.b To avoid the emission limitations/control requirements contained in OAC rule 3745-21-07(G)(2), only materials exempt per OAC rule 3745-21-07(G)(9) or non-photochemically reactive materials shall be applied in this emissions unit.

Note: The definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).

## **II. Operational Restrictions**

1. Emissions units K221, R019, R020, P331, and P216 (Line 1 with off-line repair) and emissions units K222, R017, R018, P029, and P008 (Line 2 with on-line repair) shall be limited to a combined production rate of 490,000 units (vehicles) per rolling, 12-month period. The total production rate shall be measured at the assembly off area (AF Off) for Lines 1 and 2.

## **III. Monitoring and/or Recordkeeping Requirements**

1. The permittee shall collect and record the following information each month for emissions units K221, R019, R020, P331, and P216 (Line 1 with off-line repair):
  - a. the name and identification of each coating, glass and body primer, adhesive, and wiping solvent applied;
  - b. the VOC content of each coating, glass and body primer, adhesive, and wiping solvent (excluding water and exempt solvents), when applied to metal;
  - c. the OC/VOC content of each coating, glass and body primer, adhesive, and wiping solvent, when applied to non-metal; and
  - d. the number of gallons of each coating, glass and body primer, adhesive, and wiping solvent employed.
2. The permittee shall collect and record the following information each month for emissions units K221, R019, R020, P331, and P216 (Line 1 with off-line repair):
  - a. the total OC/VOC emissions from all coatings, glass and body primers, adhesives, and wiping solvents employed, in pounds or tons; and
  - b. the rolling, 12-month OC/VOC emissions from all coatings, glass and body primers, adhesives, and wiping solvents employed, in tons.
3. The permittee shall maintain monthly records of the following for emissions units K221, R019, R020, P331, and P216 (Line 1 with off-line repair) and emissions units K222, R017, R018, P029, and P008 (Line 2 with on-line repair):
  - a. the total combined production rate, in units ( vehicles); and
  - b. the rolling, 12-month combined production rate, in units ( vehicles).
4. The permittee shall maintain records for each material applied to non-metal in this emissions unit that indicate whether or not the material is a photochemically reactive material.

#### **IV. Reporting Requirements**

1. The permittee shall notify the Ohio EPA, Central District Office, in writing, of any monthly record showing the application of noncomplying adhesives (exceeding 3.0 lbs VOC/gal, as applied) to metal. The notification shall include a copy of such record and shall be sent to the Ohio EPA, Central District Office within 30 days following the end of the calendar month.
2. The permittee shall submit quarterly deviation (excursion) reports that identify the following:
  - a. any exceedances of the rolling, 12-month OC/VOC emission limitation for emissions units K221, R019, R020, P331, and P216 (Line 1 with off-line repair);
  - b. any exceedances of the rolling, 12-month combined production rate ( vehicles, measured at AF Off) for emissions units K221, R019, R020, P331, and P216 (Line 1 with off-line repair) and emissions units K222, R017, R018, P029, and P008 (Line 2 with on-line repair); and
  - c. all periods of time when a photochemically reactive material was applied to non-metal in this emissions unit

The quarterly deviation reports shall be submitted in accordance with General Term and Condition A.1.c.ii.

3. The permittee shall also submit annual reports that specify the total OC/VOC emissions from emissions units K221, R019, R020, P331, and P216 (Line 1 with off-line repair) 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**

Compliance with the emission limitations specified in Section A.I shall be demonstrated in accordance with the following methods:

1. Emission Limitation:  
The VOC content of any adhesive employed in this emissions unit shall not exceed 3.0 pounds per gallon, excluding water and exempt solvents, when coating metal.

Applicable Compliance Method:

Compliance with this emission limitation shall be determined based upon the records required pursuant to Section A.III.1.

2. Emission Limitation:  
Organic compound/volatile organic compound (OC/VOC) emissions from all coatings,

**Honda of America Mfg., Inc.**

**PTI Application: 01-12194**

**Modification Issued: 6/13/2008**

**Facility ID: 0180000130**

**Emissions Unit ID: R020**

glass and body primers, adhesives, and wiping solvents employed in emissions units K221, R019, R020, P331, and P216 shall not exceed 18.1 tons per rolling, 12-month period.

Applicable Compliance Method:

Compliance with this emission limitation shall be determined based upon the records required pursuant to Section A.III.2.

3. Formulation data from the manufacturer(s) of the coatings, glass and body primers, adhesives, and wiping solvents or analyses performed in accordance with 40 CFR Part 60, Appendix A, Method 24 shall be used to determine the OC content of each material applied.

## **VI. Miscellaneous Requirements**

1. This Permit to Install (PTI) shall supercede the requirements for this emissions unit in the PTI numbered 01-6045 issued May 17, 2005.

**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.

**Operations, Property, and/or Equipment - (R020) - (AF Line 1 Window Adhesive Application)  
 Line 1 Window Adhesive Application**

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05	Limit(s)

2. **Additional Terms and Conditions**

- 2.a None

**II. Operational Restrictions**

None

**III. Monitoring and/or Recordkeeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

1. This Permit to Install (PTI) shall supercede the requirements for this emissions unit in the PTI numbered 01-6045 issued May 17, 2005.

**NEW SOURCE REVIEW FORM B**

PTI Number: 01-12194 Facility ID: 0180000130

FACILITY NAME Honda of America Mfg., Inc.

FACILITY DESCRIPTION PTI to increase production for line 2 in the areas of welding lines, steel well blackout and AF direct glazing. CITY/TWP Marysville

SIC CODE 3711 SCC CODE EMISSIONS UNIT ID K221

EMISSIONS UNIT DESCRIPTION AF Line 1 Body Primer

DATE INSTALLED

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter					
PM <sub>10</sub>					
Sulfur Dioxide					
Organic Compounds					18.1
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS? NESHAP? PSD? OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

Enter Determination

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY?

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT? \$

**NEW SOURCE REVIEW FORM B**

PTI Number: 01-12194

Facility ID: 0180000130

FACILITY NAME Honda of America Mfg., Inc.

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FACILITY DESCRIPTION PTI to increase production for line 2 in the areas of welding lines, steel well blackout and AF direct glazing. CITY/TWP Marysville

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**TOXIC AIR CONTAMINANTS**

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED\*? \_\_\_\_\_ YES \_\_\_\_\_ NO

IDENTIFY THE AIR CONTAMINANTS: \_\_\_\_\_

**NEW SOURCE REVIEW FORM B**

PTI Number: 01-12194

Facility ID: 0180000130

FACILITY NAME Honda of America Mfg., Inc.

FACILITY DESCRIPTION PTI to increase production for line 2 in the areas of welding lines, steel well blackout and AF direct glazing. CITY/TWP Marysville

SIC CODE 3711 SCC CODE EMISSIONS UNIT ID K222

EMISSIONS UNIT DESCRIPTION (AF Line 2 Body Primer) AF Line 2 Body Primer Application

DATE INSTALLED

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter					
PM <sub>10</sub>					
Sulfur Dioxide					
Organic Compounds					
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS? NESHAP? PSD? OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

Enter Determination

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? \_\_\_\_\_

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT? \$ \_\_\_\_\_

**TOXIC AIR CONTAMINANTS**

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

**NEW SOURCE REVIEW FORM B**

PTI Number: 01-12194

Facility ID: 0180000130

FACILITY NAME Honda of America Mfg., Inc.

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FACILITY DESCRIPTION	PTI to increase production for line 2 in the areas of welding lines, steel well blackout and AF direct glazing.	CITY/TWP	Marysville
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AIR TOXICS MODELING PERFORMED\*? \_\_\_\_\_ YES \_\_\_\_\_ NO

IDENTIFY THE AIR CONTAMINANTS: \_\_\_\_\_

**NEW SOURCE REVIEW FORM B**

PTI Number: 01-12194

Facility ID: 0180000130

FACILITY NAME Honda of America Mfg., Inc.

FACILITY DESCRIPTION PTI to increase production for line 2 in the areas of welding lines, steel well blackout and AF direct glazing. CITY/TWP Marysville

SIC CODE 3711 SCC CODE EMISSIONS UNIT ID K227

EMISSIONS UNIT DESCRIPTION (Line 1 Wheel Well Blackout) Wheel well blackout

DATE INSTALLED

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter					
PM <sub>10</sub>					
Sulfur Dioxide					
Organic Compounds					
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS? NESHAP? PSD? OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

Enter Determination

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? \_\_\_\_\_

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT? \$ \_\_\_\_\_

**TOXIC AIR CONTAMINANTS**

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

**NEW SOURCE REVIEW FORM B**

PTI Number: 01-12194

Facility ID: 0180000130

FACILITY NAME Honda of America Mfg., Inc.

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FACILITY DESCRIPTION	PTI to increase production for line 2 in the areas of welding lines, steel well blackout and AF direct glazing.	CITY/TWP	Marysville
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AIR TOXICS MODELING PERFORMED\*? \_\_\_\_\_ YES \_\_\_\_\_ NO

IDENTIFY THE AIR CONTAMINANTS: \_\_\_\_\_

**NEW SOURCE REVIEW FORM B**

PTI Number: 01-12194

Facility ID: 0180000130

FACILITY NAME Honda of America Mfg., Inc.

FACILITY DESCRIPTION PTI to increase production for line 2 in the areas of welding lines, steel well blackout and AF direct glazing. CITY/TWP Marysville

SIC CODE 3711 SCC CODE \_\_\_\_\_ EMISSIONS UNIT ID K228

EMISSIONS UNIT DESCRIPTION (Line 2 Wheel Well Blackout) Wheel well blackout

DATE INSTALLED \_\_\_\_\_

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter					
PM <sub>10</sub>					
Sulfur Dioxide					
Organic Compounds					
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS? NESHAP? PSD? OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

Enter Determination

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? \_\_\_\_\_

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT? \$ \_\_\_\_\_

**TOXIC AIR CONTAMINANTS**

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

**NEW SOURCE REVIEW FORM B**

PTI Number: 01-12194

Facility ID: 0180000130

FACILITY NAME Honda of America Mfg., Inc.

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FACILITY DESCRIPTION PTI to increase production for line 2 in the areas of welding lines, steel well blackout and AF direct glazing. CITY/TWP Marysville

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AIR TOXICS MODELING PERFORMED\*? \_\_\_\_\_ YES \_\_\_\_\_ NO

IDENTIFY THE AIR CONTAMINANTS: \_\_\_\_\_

**NEW SOURCE REVIEW FORM B**

PTI Number: 01-12194

Facility ID: 0180000130

FACILITY NAME Honda of America Mfg., Inc.

FACILITY DESCRIPTION PTI to increase production for line 2 in the areas of welding lines, steel well blackout and AF direct glazing. CITY/TWP Marysville

SIC CODE 3711 SCC CODE EMISSIONS UNIT ID P004

EMISSIONS UNIT DESCRIPTION (Welding Line 1) Line #1 of two Main Body Welding Lines with Various Sublines on Each Line

DATE INSTALLED

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter					
PM <sub>10</sub>					
Sulfur Dioxide					
Organic Compounds					
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS? NESHAP? PSD? OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

Enter Determination

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? \_\_\_\_\_

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT? \$ \_\_\_\_\_

**TOXIC AIR CONTAMINANTS**

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

**NEW SOURCE REVIEW FORM B**

PTI Number: 01-12194

Facility ID: 0180000130

FACILITY NAME Honda of America Mfg., Inc.

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FACILITY DESCRIPTION PTI to increase production for line 2 in the areas of welding lines, steel well blackout and AF direct glazing. CITY/TWP Marysville

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AIR TOXICS MODELING PERFORMED\*? \_\_\_\_\_ YES \_\_\_\_\_ NO

IDENTIFY THE AIR CONTAMINANTS: \_\_\_\_\_

**NEW SOURCE REVIEW FORM B**

PTI Number: 01-12194

Facility ID: 0180000130

FACILITY NAME Honda of America Mfg., Inc.

FACILITY DESCRIPTION PTI to increase production for line 2 in the areas of welding lines, steel well blackout and AF direct glazing. CITY/TWP Marysville

SIC CODE 3711 SCC CODE EMISSIONS UNIT ID P008

EMISSIONS UNIT DESCRIPTION (AF On-Line Glass Repair) On-Line Glass Install Application

DATE INSTALLED

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter					
PM <sub>10</sub>					
Sulfur Dioxide					
Organic Compounds					
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS? NESHAP? PSD? OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

Enter Determination

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? \_\_\_\_\_

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT? \$ \_\_\_\_\_

**TOXIC AIR CONTAMINANTS**

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

**NEW SOURCE REVIEW FORM B**

PTI Number: 01-12194

Facility ID: 0180000130

FACILITY NAME Honda of America Mfg., Inc.

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FACILITY DESCRIPTION PTI to increase production for line 2 in the areas of welding lines, steel well blackout and AF direct glazing. CITY/TWP Marysville

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AIR TOXICS MODELING PERFORMED\*? \_\_\_\_\_ YES \_\_\_\_\_ NO

IDENTIFY THE AIR CONTAMINANTS: \_\_\_\_\_

**NEW SOURCE REVIEW FORM B**

PTI Number: 01-12194

Facility ID: 0180000130

FACILITY NAME Honda of America Mfg., Inc.

FACILITY DESCRIPTION PTI to increase production for line 2 in the areas of welding lines, steel well blackout and AF direct glazing. CITY/TWP Marysville

SIC CODE 3711 SCC CODE EMISSIONS UNIT ID P029

EMISSIONS UNIT DESCRIPTION (AF Line 2 Quarter Glass) AF Line 2 Quarter Glass Material Application

DATE INSTALLED

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter					
PM <sub>10</sub>					
Sulfur Dioxide					
Organic Compounds					
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS? NESHAP? PSD? OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

Enter Determination

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? \_\_\_\_\_

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT? \$ \_\_\_\_\_

**TOXIC AIR CONTAMINANTS**

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

**NEW SOURCE REVIEW FORM B**

PTI Number: 01-12194

Facility ID: 0180000130

FACILITY NAME Honda of America Mfg., Inc.

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FACILITY DESCRIPTION PTI to increase production for line 2 in the areas of welding lines, steel well blackout and AF direct glazing. CITY/TWP Marysville

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AIR TOXICS MODELING PERFORMED\*? \_\_\_\_\_ YES \_\_\_\_\_ NO

IDENTIFY THE AIR CONTAMINANTS: \_\_\_\_\_

**NEW SOURCE REVIEW FORM B**

PTI Number: 01-12194

Facility ID: 0180000130

FACILITY NAME Honda of America Mfg., Inc.

FACILITY DESCRIPTION PTI to increase production for line 2 in the areas of welding lines, steel well blackout and AF direct glazing. CITY/TWP Marysville

SIC CODE 3711 SCC CODE \_\_\_\_\_ EMISSIONS UNIT ID P216

EMISSIONS UNIT DESCRIPTION (AF Off-Line Glass Repair) Repair and Off-Line Glass Install and Material Application

DATE INSTALLED \_\_\_\_\_

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter					
PM <sub>10</sub>					
Sulfur Dioxide					
Organic Compounds					
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS? NESHAP? PSD? OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

Enter Determination

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? \_\_\_\_\_

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT? \$ \_\_\_\_\_

**TOXIC AIR CONTAMINANTS**

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

**NEW SOURCE REVIEW FORM B**

PTI Number: 01-12194

Facility ID: 0180000130

FACILITY NAME Honda of America Mfg., Inc.

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FACILITY DESCRIPTION	PTI to increase production for line 2 in the areas of welding lines, steel well blackout and AF direct glazing.	CITY/TWP	Marysville
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AIR TOXICS MODELING PERFORMED\*? \_\_\_\_\_ YES \_\_\_\_\_ NO

IDENTIFY THE AIR CONTAMINANTS: \_\_\_\_\_

**NEW SOURCE REVIEW FORM B**

PTI Number: 01-12194

Facility ID: 0180000130

FACILITY NAME Honda of America Mfg., Inc.

FACILITY DESCRIPTION PTI to increase production for line 2 in the areas of welding lines, steel well blackout and AF direct glazing. CITY/TWP Marysville

SIC CODE 3711 SCC CODE EMISSIONS UNIT ID P330

EMISSIONS UNIT DESCRIPTION (Welding Line 2) Line #2 of two Main Body Welding Lines with Various Sublines on Each Line

DATE INSTALLED

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter					
PM <sub>10</sub>					
Sulfur Dioxide					
Organic Compounds					
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS? NESHAP? PSD? OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

Enter Determination

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? \_\_\_\_\_

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT? \$ \_\_\_\_\_

**TOXIC AIR CONTAMINANTS**

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

**NEW SOURCE REVIEW FORM B**

PTI Number: 01-12194

Facility ID: 0180000130

FACILITY NAME Honda of America Mfg., Inc.

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FACILITY DESCRIPTION PTI to increase production for line 2 in the areas of welding lines, steel well blackout and AF direct glazing. CITY/TWP Marysville

---

AIR TOXICS MODELING PERFORMED\*? \_\_\_\_\_ YES \_\_\_\_\_ NO

IDENTIFY THE AIR CONTAMINANTS: \_\_\_\_\_

**NEW SOURCE REVIEW FORM B**

PTI Number: 01-12194

Facility ID: 0180000130

FACILITY NAME Honda of America Mfg., Inc.

FACILITY DESCRIPTION PTI to increase production for line 2 in the areas of welding lines, steel well blackout and AF direct glazing. CITY/TWP Marysville

SIC CODE 3711 SCC CODE EMISSIONS UNIT ID P331

EMISSIONS UNIT DESCRIPTION (AF Line 1 Quarter Glass) New Line 1 Quarter Glass

DATE INSTALLED

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter					
PM <sub>10</sub>					
Sulfur Dioxide					
Organic Compounds					
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS? NESHAP? PSD? OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

Enter Determination

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? \_\_\_\_\_

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT? \$ \_\_\_\_\_

**TOXIC AIR CONTAMINANTS**

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

**NEW SOURCE REVIEW FORM B**

PTI Number: 01-12194

Facility ID: 0180000130

FACILITY NAME Honda of America Mfg., Inc.

---

FACILITY DESCRIPTION PTI to increase production for line 2 in the areas of welding lines, steel well blackout and AF direct glazing. CITY/TWP Marysville

---

AIR TOXICS MODELING PERFORMED\*? \_\_\_\_\_ YES \_\_\_\_\_ NO

IDENTIFY THE AIR CONTAMINANTS: \_\_\_\_\_

**NEW SOURCE REVIEW FORM B**

PTI Number: 01-12194

Facility ID: 0180000130

FACILITY NAME Honda of America Mfg., Inc.

FACILITY DESCRIPTION PTI to increase production for line 2 in the areas of welding lines, steel well blackout and AF direct glazing. CITY/TWP Marysville

SIC CODE 3711 SCC CODE \_\_\_\_\_ EMISSIONS UNIT ID R017

EMISSIONS UNIT DESCRIPTION (AF Line 2 Glass Primer) AF Line 2 Glass Primer Application

DATE INSTALLED \_\_\_\_\_

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter					
PM <sub>10</sub>					
Sulfur Dioxide					
Organic Compounds					
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS? NESHAP? PSD? OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

Enter Determination

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? \_\_\_\_\_

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT? \$ \_\_\_\_\_

**TOXIC AIR CONTAMINANTS**

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

**NEW SOURCE REVIEW FORM B**

PTI Number: 01-12194

Facility ID: 0180000130

FACILITY NAME Honda of America Mfg., Inc.

---

FACILITY DESCRIPTION PTI to increase production for line 2 in the areas of welding lines, steel well blackout and AF direct glazing. CITY/TWP Marysville

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AIR TOXICS MODELING PERFORMED\*? \_\_\_\_\_ YES \_\_\_\_\_ NO

IDENTIFY THE AIR CONTAMINANTS: \_\_\_\_\_

**NEW SOURCE REVIEW FORM B**

PTI Number: 01-12194

Facility ID: 0180000130

FACILITY NAME Honda of America Mfg., Inc.

FACILITY DESCRIPTION PTI to increase production for line 2 in the areas of welding lines, steel well blackout and AF direct glazing. CITY/TWP Marysville

SIC CODE 3711 SCC CODE EMISSIONS UNIT ID R018

EMISSIONS UNIT DESCRIPTION (AF Line 2 Window Adhesive) AF Line 2 Window Adhesive Application

DATE INSTALLED

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter					
PM <sub>10</sub>					
Sulfur Dioxide					
Organic Compounds					
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS? NESHAP? PSD? OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

Enter Determination

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? \_\_\_\_\_

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT? \$ \_\_\_\_\_

**TOXIC AIR CONTAMINANTS**

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

**NEW SOURCE REVIEW FORM B**

PTI Number: 01-12194

Facility ID: 0180000130

FACILITY NAME Honda of America Mfg., Inc.

---

FACILITY DESCRIPTION PTI to increase production for line 2 in the areas of welding lines, steel well blackout and AF direct glazing. CITY/TWP Marysville

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AIR TOXICS MODELING PERFORMED\*? \_\_\_\_\_ YES \_\_\_\_\_ NO

IDENTIFY THE AIR CONTAMINANTS: \_\_\_\_\_

**NEW SOURCE REVIEW FORM B**

PTI Number: 01-12194

Facility ID: 0180000130

FACILITY NAME Honda of America Mfg., Inc.

FACILITY DESCRIPTION PTI to increase production for line 2 in the areas of welding lines, steel well blackout and AF direct glazing. CITY/TWP Marysville

SIC CODE 3711 SCC CODE \_\_\_\_\_ EMISSIONS UNIT ID R019

EMISSIONS UNIT DESCRIPTION AF Line 1 Glass Primer

DATE INSTALLED \_\_\_\_\_

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter					
PM <sub>10</sub>					
Sulfur Dioxide					
Organic Compounds					
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS? NESHAP? PSD? OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

Enter Determination

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? \_\_\_\_\_

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT? \$ \_\_\_\_\_

**TOXIC AIR CONTAMINANTS**

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

**NEW SOURCE REVIEW FORM B**

PTI Number: 01-12194

Facility ID: 0180000130

FACILITY NAME Honda of America Mfg., Inc.

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FACILITY DESCRIPTION	PTI to increase production for line 2 in the areas of welding lines, steel well blackout and AF direct glazing.	CITY/TWP	Marysville
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AIR TOXICS MODELING PERFORMED\*? \_\_\_\_\_ YES \_\_\_\_\_ NO

IDENTIFY THE AIR CONTAMINANTS: \_\_\_\_\_

**NEW SOURCE REVIEW FORM B**

PTI Number: 01-12194

Facility ID: 0180000130

FACILITY NAME Honda of America Mfg., Inc.

FACILITY DESCRIPTION PTI to increase production for line 2 in the areas of welding lines, steel well blackout and AF direct glazing. CITY/TWP Marysville

SIC CODE 3711 SCC CODE EMISSIONS UNIT ID R020

EMISSIONS UNIT DESCRIPTION (AF Line 1 Window Adhesive Application) Line 1 Window Adhesive Application

DATE INSTALLED

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter					
PM <sub>10</sub>					
Sulfur Dioxide					
Organic Compounds					
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS? NESHAP? PSD? OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

Enter Determination

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? \_\_\_\_\_

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT? \$ \_\_\_\_\_

**TOXIC AIR CONTAMINANTS**

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

**NEW SOURCE REVIEW FORM B**

PTI Number: 01-12194

Facility ID: 0180000130

FACILITY NAME Honda of America Mfg., Inc.

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FACILITY DESCRIPTION	PTI to increase production for line 2 in the areas of welding lines, steel well blackout and AF direct glazing.	CITY/TWP	Marysville
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AIR TOXICS MODELING PERFORMED\*? \_\_\_\_\_ YES \_\_\_\_\_ NO

IDENTIFY THE AIR CONTAMINANTS: \_\_\_\_\_