



State of Ohio Environmental Protection Agency

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

**CERTIFIED MAIL**

Street Address:

122 S. Front Street

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

Mailing Address:

Lazarus Gov. Center  
P.O. Box 1049

**Application No: 05-14380**

**Fac ID: 0575000174**

**DATE: 9/26/2006**

Honda of America Mfg Inc  
Paul Huwer  
12500 MERANDA RD  
ANNA, OH 453029699

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

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

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

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

Sincerely,

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

CC: USEPA

SWDO



**Permit To Install  
Terms and Conditions**

**Issue Date: 9/26/2006  
Effective Date: 9/26/2006**

**FINAL PERMIT TO INSTALL 05-14380**

Application Number: 05-14380  
Facility ID: 0575000174  
Permit Fee: **\$1500**  
Name of Facility: Honda of America Mfg Inc  
Person to Contact: Paul Huwer  
Address: 12500 MERANDA RD  
ANNA, OH 453029699

Location of proposed air contaminant source(s) [emissions unit(s)]:  
**12500 Meranda Rd  
Anna, Ohio**

Description of proposed emissions unit(s):  
**Electric Holding Furnace, Casting Line 3, and Gate Cutting with Baghouses.**

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

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Director

## Part I - GENERAL TERMS AND CONDITIONS

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

#### 1. Monitoring and Related Recordkeeping and Reporting Requirements

- a. Except as may otherwise be provided in the terms and conditions for a specific emissions unit, the permittee shall maintain records that include the following, where applicable, for any required monitoring under this permit:
  - i. The date, place (as defined in the permit), and time of sampling or measurements.
  - ii. The date(s) analyses were performed.
  - iii. The company or entity that performed the analyses.
  - iv. The analytical techniques or methods used.
  - v. The results of such analyses.
  - vi. The operating conditions existing at the time of sampling or measurement.
- b. Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include, but not be limited to, all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. Such records may be maintained in computerized form.
- c. Except as may otherwise be provided in the terms and conditions for a specific emissions unit, the permittee shall submit required reports in the following manner:
  - i. Reports of any required monitoring and/or recordkeeping of federally enforceable information shall be submitted to the appropriate Ohio EPA District Office or local air agency.
  - ii. Quarterly written reports of (i) any deviations from federally enforceable emission limitations, operational restrictions, and control device operating parameter limitations, excluding deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06, that have been detected by the testing, monitoring and recordkeeping requirements specified in this permit, (ii) the probable cause of such deviations, and (iii) any corrective actions or preventive measures taken, shall be made to

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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.

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## 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.

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**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.

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### **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**

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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.

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#### **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).

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**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**

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

<u>Pollutant</u>	<u>Tons Per Year</u>
Particulate (PE)	8.78 PM10

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## Part II - FACILITY SPECIFIC TERMS AND CONDITIONS

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

1. This facility is not located in an Appendix A area as described in OAC rule 3745-17-08; therefore, OAC rules 3745-17-07(B) and 3745-17-08(B) do not apply to the fugitive emissions from the affected emissions units at this facility.
2. Reference to 40 CFR Part 63, Subpart EEEEE (Iron & Steel Foundry MACT). The Anna Engine Plant (AEP) is in the process of evaluating if it is a major source of Hazardous Air Pollutant Emissions. AEP will finalize this determination prior to the 4/22/07 Subpart EEEEE compliance deadline. If AEP determines that they are a major source of HAP emissions, they shall comply with the requirements of Subpart EEEEE prior to the 4/22/07 deadline.

### 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 - (P920) - Line 3 QCC 2 Melt, Electric Holding Furnace, w/ Transfer Ladles equipped with baghouse**

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05(C)	PE emissions/PM10 shall not exceed 3.17 tons per 12 month rolling period.  The maximum annual operating hours for this emissions unit shall not exceed 7200, based upon a rolling, 12 month summation of the operating hours.  The maximum annual production rate for this emissions unit shall not exceed 12,800 tons of metal processed, based upon a rolling, 12 month summation of the production rates.  See section A.II.1, 2, and 3.
OAC rule 3745-17-07(A)(1)	Visible PE emissions from any baghouse vent that this emission unit is controlled by shall not exceed 20% opacity, as a 6-minute average.
OAC rule 3745-17-11(B)(1)	The PE emissions shall not exceed 10.4 lbs per hour.
40 CFR Part 63, Subpart EEEEE	Reference to 40 CFR Part 63, Subpart EEEEE (Iron & Steel Foundry MACT). The Anna Engine Plant (AEP) is in the process of evaluating if it is a major source of Hazardous Air Pollutant Emissions. AEP will finalize this determination prior to the 4/22/07 Subpart EEEEE compliance deadline. If AEP determines that they are a major source of HAP emissions, they shall comply with the requirements of Subpart EEEEE prior to the 4/22/07 deadline.

**2. Additional Terms and Conditions:**

- 2.a Permit to Install 05-14380 for this emissions unit takes into account the use of a baghouse system, when this emissions unit is in operation, with a maximum emission rate of 0.005 grains of PE/PM-10 emissions per dry standard cubic feet

Emissions Unit ID: P920

(dscf) as a voluntary restriction as proposed by the permittee for purpose of avoiding Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3) and constituting a Synthetic Minor under the applicable emission threshold of Prevention of Significant Deterioration (PSD) requirements.

- 2.b** This emission unit shall be enclosed (inside a building) in such a manner to minimize or eliminate any emissions that may be emitted through the building exhausts into the ambient air.
- 2.c** Nothing in this permit shall preclude the permittee from routing emissions from this emissions unit to other dust collectors or stacks, or to route emissions from other emissions units to the dust collectors and stacks associated with this emission unit as long as the control device associated the stack it is vented to has demonstrated an emission rate of 0.005 grains of PE/dscf or less.

## II. Operational Restrictions:

1. The maximum annual operating hours for this emissions unit shall not exceed 7200, based upon a rolling, 12 month summation of the operating hours.

To ensure enforceability during the first 12 calendar months of operation or the first 12 calendar months following the issuance of this permit, the permittee shall not exceed the operating hours levels specified in the following table:

### Maximum Allowable

<u>Months</u>	<u>Cumulative Operating Hours</u>
1	744
1-2	1416
1-3	2160
1-4	2880
1-5	3624
1-6	4344
1-7	5088
1-8	5832
1-9	6552
1-10	7200
1-11	7200
1-12	7200

After the first 12 calendar months of operation or the first 12 calendar months following the issuance of this permit, compliance with the annual operating hours limitation shall be based upon a rolling, 12 month summation of operating hours.

2. The maximum annual production rate for this emissions unit shall not exceed 12,800 tons of metal processed, based upon a rolling, 12 month summation of the production rates.

To ensure enforceability during the first 12 calendar months of operation or the first 12 calendar months following the issuance of this permit, the permittee shall not exceed the production levels specified in the following table:

Maximum Allowable

<u>Months</u>		<u>Cumulative Production</u>
1		2,976
1-2	5,664	
1-3		8,640
1-4		11,520
1-5		12,800
1-6		12,800
1-7		12,800
1-8		12,800
1-9		12,800
1-10		12,800
1-11		12,800
1-12		12,800

After the first 12 calendar months of operation or the first 12 calendar months following the issuance of this permit, compliance with the annual production rate limitation shall be based upon a rolling, 12 month summation of the production rates.

### III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain monthly records of the following information:
- the production rate for each month, in tons of metal processed;
  - the rolling, 12-month summation of the production rates, in tons of metal processed;
  - the rolling, 12-month summation of the operating hours; and
  - beginning after the first 12 calendar months of operation or the first 12 calendar months following the issuance of this permit, the rolling, 12-month summation of the operating hours.

Also, during the first 12 calendar months of operation or the first 12 calendar months

Emissions Unit ID: P920

following the issuance of this permit, the permittee shall record the cumulative operating hours for each calendar month.).

#### IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the rolling, 12-month limitation of the production rate, and/or rolling, 12-month limitation on the hours of operation; and for the first 12 calendar months of operation or the first 12 calendar months following the issuance of this permit, all exceedances of the maximum allowable cumulative production rate and/or hours of operation. These reports shall be submitted in accordance with the reporting requirements specified in Part 1 - General Terms and Conditions, Section A of this permit.
2. The deviation and/or quarterly reports shall be submitted in accordance with paragraph A.1.c.ii of the General Terms and Conditions of this permit.

#### V. Testing Requirements

1. Compliance with the emission limitation in Section A.1. of these terms and conditions shall be determined in accordance with the following methods:

- a. Emission Limitation

3.17 tons of particulate emissions (PE)/PM10 per rolling 12-months combined emissions.

Applicable Compliance Method: The combined hourly and rolling 12-month emission limitation was established by the following methodology:

$$AER = \left( \left[ (BFR)(E_c)(TI)(CONV) \right] * AH \right) + \left( \left[ (MAMR * [(F_{ce}) + (Me) + (T_{pe}) + (T_{te})]) \right] * (1 - C_p \%) \right) + (MAMR * T_{fe}) * (1 - C_b \%) \right) / 2000$$

where:

AER= Annual Emission Rate, tons/yr;

Baghouse Emissions:

BFR = baghouse flow rate (12,002 acfm, from Honda's Calculation Sheets);

E<sub>c</sub> = Emission concentration rate (0.005 grain /dscf, from Honda's PTI Application and Calculation Sheets);

TI = time (60 minutes/hr); and

CONV = conversion factor (1 lb/7,000 grains).

Building Emissions:

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MAMR = maximum annual metal (iron throughput) rate (12,800 tons/rolling 12-month);  
AH = Annual Hours restriction Rate (7,200 hours of operation per rolling 12-months);  
Fce = PE emission factor Charging ( 0.6 lb of PE/ton of metal, from SCC 3-04-003-15, Fire);  
Me = Melting Emission Factor ( 0.9 lbs/ton, from SCC 3-04-003-3, Fire);  
Tpe = Tapping Emission Factor ( 0.1 lbs/ton, Honda's best estimate)  
Tfe = Transfer System Emission Factor ( 0.6 lbs/ton, from SCC 3-04-003-15, Fire);  
Tte = Transfer System Tapping Emission Factor (0.1 lbs/ton, Honda estimate);  
Cp% = Capture Efficiency of hooding and venting system (95% from Honda's EAC Form); and  
Cb%= Capture/Control of building enclosure (70%, from Honda's calculation sheets and best conservative engineering estimate available).

Compliance with the annual PE limitation is ensured while compliance is maintained with the 12 month rolling annual production limitation and 12 month rolling hour of operation restriction.

The permittee shall demonstrate compliance with the PE limitations based upon the results of emission testing conducted in accordance with Methods 1-5 of 40 CFR Part 60, Appendix A. If isolation of the emissions from this emissions unit cannot be achieved because of operational restrictions, compliance will be assumed as long as compliance with the PE concentration limit from each baghouse serving this unit is maintained. (0.005 gr/dscf)

b. Emission Limitation

Visible particulate emissions from the baghouse(s) stack(s) shall not exceed 20% percent opacity as a six-minute average.

Applicable Compliance Method

Compliance shall be determined through visible emission 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).

2. The permittee shall conduct, or have conducted, emission testing for any baghouse

Emissions Unit ID: P920

that controls this emission unit to demonstrate compliance with the allowable PE/PM 10

- a. The emission testing shall be conducted within 6 months of the installation completion.
- b. The emission testing shall be conducted to demonstrate compliance with the allowable PE/PM10 limitations.
- c. The following test methods shall be employed to demonstrate compliance with the allowable mass emission limitations:

PE: Methods 1-5 of 40 CFR Part 60, Appendix A; and PM10: Method 201 and 202 of 40 CFR Part 60, Appendix A.

Alternative U.S. EPA-approved test methods may be used with prior approval from the Ohio EPA.

- d. The test(s) shall be conducted while the emission units being controlled by the baghouse(s) are being operated at or near their maximum capacities, unless otherwise specified or approved by the Ohio EPA, Southwest District Office.

Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Ohio EPA, Southwest District Office. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA, Southwest District Office's refusal to accept the results of the emission test(s).

Personnel from the Ohio EPA shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

A comprehensive written report on the results of the emission test(s) shall be signed by the person or persons responsible for the tests and submitted to the Ohio EPA, Southwest District Office within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the Ohio EPA, Southwest District Office.

## **VI. Miscellaneous Requirements**

None

Issued: 9/26/2006

**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 - (P920) - Line 3 QCC 2 Melt, Electric Holding Furnace, w/ Transfer Ladles equipped with baghouse**

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**

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 - (P921) - Line III QCC 2 Casting to include Permanent Mold Casting Machine, Pouring Furnace, Pigging Machine and Ancillary Equipment**

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05(C)	<p>PE/PM10 emissions shall not exceed 2.82 tons per 12 month rolling period .</p> <p>The maximum annual operating hours for this emissions unit shall not exceed 7200. based upon a rolling, 12 month summation of the operating hours.</p> <p>This The maximum annual production rate for this emissions unit shall not exceed 12,800 tons of metal processed, based upon a rolling, 12 month summation of the production rates.</p> <p>See section A.II.1, 2, and 3.</p>
OAC rule 3745-17-07(A)(1)	Visible PE emissions from any baghouse vent that this emission unit is controlled by shall not exceed 20% opacity, as a 6-minute average.
OAC rule 3745-17-11(B)(1)	PE emissions shall not exceed 10.4 lbs per hour.
40 CFR Part 63, Subpart EEEEE	Reference to 40 CFR Part 63, Subpart EEEEE (Iron & Steel Foundry MACT). The Anna Engine Plant (AEP) is in the process of evaluating if it is a major source of Hazardous Air Pollutant Emissions. AEP will finalize this determination prior to the 4/22/07 Subpart EEEEE compliance deadline. If AEP determines that they are a major source of HAP emissions, they shall comply with the requirements of Subpart EEEEE prior to the 4/22/07 deadline.

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**2. Additional Terms and Conditions**

- 2.a** Permit to Install 05-14380 for this emissions unit takes into account the use of a baghouse system, when this emissions unit is in operation, with a maximum emission rate of 0.005 grains of PE/PM-10 emissions per dry standard cubic feet (dscf) as a voluntary restriction as proposed by the permittee for purpose of avoiding Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3) and constituting a Synthetic Minor under the applicable emission threshold of Prevention of Significant Deterioration (PSD) requirements.
- 2.b** This emission unit shall be enclosed (inside a building) in such a manner to minimize or eliminate any emissions that may be emitted through the building exhausts into the ambient air.
- 2.c** Nothing in this permit shall preclude the permittee from routing emissions from this emissions unit to other dust collectors or stacks, or to route emissions from other emissions units to the dust collectors and stacks associated with this emission unit as long as the control device associated the stack it is vented to has demonstrated an emission rate of 0.005 grains of PE/dscf or less.

**II. Operational Restrictions**

1. The maximum annual operating hours for this emissions unit shall not exceed 7200. based upon a rolling, 12 month summation of the operating hours.

To ensure enforceability during the first 12 calendar months of operation or the first 12 calendar months following the issuance of this permit, the permittee shall not exceed the operating hours levels specified in the following table:

Maximum Allowable

<u>Months</u>	<u>Cumulative Operating Hours</u>
1	744
1-2	1416
1-3	2160
1-4	2880

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1-5	3624
1-6	4344
1-7	5088
1-8	5832
1-9	6552
1-10	7200
1-11	7200
1-12	7200

After the first 12 calendar months of operation or the first 12 calendar months following the issuance of this permit, compliance with the annual operating hours limitation shall be based upon a rolling, 12 month summation of operating hours

2. This The maximum annual production rate for this emissions unit shall not exceed 12,800 tons of metal processed, based upon a rolling, 12 month summation of the production rates.

To ensure enforceability during the first 12 calendar months of operation or the first 12 calendar months following the issuance of this permit, the permittee shall not exceed the production levels specified in the following table:

Maximum Allowable

<u>Months</u>		<u>Cumulative Production</u>
1		2,976
1-2	5,664	
1-3		8,640
1-4		11,520
1-5		12,800
1-6		12,800
1-7		12,800
1-8		12,800
1-9		12,800
1-10		12,800
1-11		12,800
1-12		12,800

After the first 12 calendar months of operation or the first 12 calendar months following the issuance of this permit, compliance with the annual production rate limitation shall

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be based upon a rolling, 12 month summation of the production rates.

### III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain monthly records of the following information:
  - a. the production rate for each month, in tons of metal processed;
  - b. the rolling, 12-month summation of the production rates, in tons of metal processed;
  - c. the rolling, 12-month summation of the operating hours; and
  - d. beginning after the first 12 calendar months of operation or the first 12 calendar months following the issuance of this permit, the rolling, 12-month summation of the operating hours.

Also, during the first 12 calendar months of operation or the first 12 calendar months following the issuance of this permit, the permittee shall record the cumulative operating hours for each calendar month.)

### IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the rolling, 12-month limitation of the production rate, and/or rolling, 12-month limitation on the hours of operation; and for the first 12 calendar months of operation or the first 12 calendar months following the issuance of this permit, all exceedances of the maximum allowable cumulative production rate and/or hours of operation. These reports shall be submitted in accordance with the reporting requirements specified in Part 1 - General Terms and Conditions, Section A of this permit.
2. The deviation reports shall be submitted in accordance with paragraph A.1.c.ii of the General Terms and Conditions of this permit.

### V. Testing Requirements

1. Compliance with the emission limitation in Section A.1. of these terms and conditions shall be determined in accordance with the following methods:
  - a. Emission Limitation  
  
2.82 tons of particulate emissions (PE)/PM10 per rolling 12-months combined emissions.

Applicable Compliance Method: The combined hourly and rolling 12-month

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emission limitation was established by the following methodology:

$$AER = \left( \left[ (BFR) \cdot (Ec) \cdot (TI) \cdot (CONV) \right] \cdot AH \right) + \left( \left[ (MAMR) \cdot (Ap + Tap + Cc + le + Qp + Tte) \right] \cdot (1 - Cp\%) \right) + \left( \left[ (Ee \cdot 3) \cdot MAMR \right] \cdot (1 - Cb\%) \right) / 2000$$

where:

AER= Annual Emission Rate, tons/yr;

Baghouse Emissions:

BFR = baghouse flow rate (10,500 acfm, from Honda's Calculation Sheets);

Ec = Emission concentration rate (0.005 grain /dscf, from Honda's PTI Application and Calculation Sheets);

TI = time (60 minutes/hr);

CONV = conversion factor (1 lb/7,000 grains);

AH = Annual Operating hours (7200 per rolling 12-months)

Building Emissions:

MAMR = maximum annual metal (iron throughput) rate (12,800 tons/rolling 12-month);

Ee=Emissions from Pouring Furnace, Crucible, and Pigging Machine standing (0.1 lbs/ton, based on Honda's estimate and Flow diagram)(uncontrolled emission points)

Ap=Automatic Pour Furnace (0.1 lbs/ton, based Honda's best estimate);

Tap= Tapping Emissions (0.1 lbs/ton, Honda's best estimate);

Cc= Crucible Charging (0.6 lbs/ton, SCC3-04-003-15, Fire);

le= Inoculation Emission Factor (5.0 lbs/ton, SCC 3-04-003-22, Fire);

Qp= Quick Pouring Emission Factor (0.1 lbs/ton, Honda's best estimate);

Tte= Transfer System Emission Factor (0.6 lbs/ton, Ap-42 Table 12.5-2);

Cp% = Capture Efficiency of hooding and venting system (95% from Honda's EAC Form); and

Cb%= Capture/Control of Building (70% from Honda Calculation sheets and best engineering estimate)

The permittee shall demonstrate compliance with the PE limitations based upon the results of emission testing conducted in accordance with Methods 1-5 of 40 CFR Part 60, Appendix A. If isolation of the emissions from this emissions unit

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cannot be achieved because of operational restrictions, compliance will be assumed as long as compliance with the PE concentration limit from each baghouse serving this unit is maintained. (0.005 gr/dscf)

b. Emission Limitation

Visible particulate emissions from the baghouse(s) stack(s) shall not exceed 20% percent opacity as a six-minute average.

Applicable Compliance Method

Compliance shall be determined through visible emission 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).

2. The permittee shall conduct, or have conducted, emission testing for any baghouse that controls this emission unit to demonstrate compliance with the allowable PE/PM10.
  - a. The emission testing shall be conducted within 6 months of the installation completion.
  - b. The emission testing shall be conducted to demonstrate compliance with the allowable PE/PM10 limitations.
  - c. The following test methods shall be employed to demonstrate compliance with the allowable mass emission limitations.

PE: Methods 1-5 of 40 CFR Part 60, Appendix A; and  
PM10: Method 201 and 202 of 40 CFR Part 60, Appendix A

Alternative U.S. EPA-approved test methods may be used with prior approval from the Ohio EPA.

- d. The test(s) shall be conducted while the emission units being controlled by the baghouse(s) are being operated at or near their maximum capacities, unless otherwise specified or approved by the Ohio EPA, Southwest District Office.

Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Ohio EPA, Southwest District Office. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA, Southwest District Office's refusal to accept the results of the emission test(s).

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Personnel from the Ohio EPA shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

A comprehensive written report on the results of the emission test(s) shall be signed by the person or persons responsible for the tests and submitted to the Ohio EPA, Southwest District Office within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the Ohio EPA, Southwest District Office.

**VI. Miscellaneous Requirements**

None

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**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 - (P921) - Line III QCC 2 Casting to include Permanent Mold Casting Machine, Pouring Furnace, Pigging Machine and Ancillary Equipment**

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**

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 - (P922) - Line III QCC 2 Gate Cut to include Gate Cut Machine, Material Handling and Associated Equipment**

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05(C)	<p>PE emissions shall not exceed <b>2.79</b> tons per 12 month rolling period .</p> <p><b>The maximum annual operating hours for this emissions unit shall not exceed 7200. based upon a rolling, 12 month summation of the operating hours.</b></p> <p><b>This The maximum annual production rate for this emissions unit shall not exceed 12,800 tons of metal processed, based upon a rolling,12 month summation of the production rates.</b></p> <p>See section A.II.1, 2, and 3.</p>
OAC rule 3745-17-07(A)(1)	
OAC rule 3745-17-11(B)(1)	
40 CFR Part 63, Subpart EEEEE	<p>The PE limitation specified by this rule is less stringent than the PE limitation established pursuant to OAC rule 3745-31-05(A)(3).</p> <p>Reference to 40 CFR Part 63, Subpart EEEEE (Iron &amp; Steel Foundry MACT). The Anna Engine Plant (AEP) is in the process of evaluating if it is a major source of Hazardous Air Pollutant Emissions. AEP will finalize this determination prior to the 4/22/07 Subpart EEEEE compliance deadline. If AEP determines that they are a major source of HAP emissions, they shall comply with the requirements of Subpart EEEEE prior to the 4/22/07 deadline.</p>

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**2. Additional Terms and Conditions**

- 2.a** Permit to Install 05-14380 for this emissions unit takes into account the use of a baghouse system, when this emissions unit is in operation, with a maximum emission rate of 0.005 grains of PE per dry standard cubic feet (dscf) as a voluntary restriction as proposed by the permittee for purpose of avoiding Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3) and constituting a Synthetic Minor under the applicable emission threshold of Prevention of Significant Deterioration (PSD) requirements.
- 2.b** This emission unit shall be enclosed (inside a building) in such a manner to minimize or eliminate any emissions that may be emitted through the building exhausts into the ambient air.
- 2.c** Nothing in this permit shall preclude the permittee from routing emissions from this emissions unit to other dust collectors or stacks, or to route emissions from other emissions units to the dust collectors and stacks associated with this emission unit as long as the control device associated the stack it is vented to has demonstrated an emission rate of 0.005 grains of PE/dscf or less.

**II. Operational Restrictions**

1. The maximum annual operating hours for this emissions unit shall not exceed 7200. based upon a rolling, 12 month summation of the operating hours.

To ensure enforceability during the first 12 calendar months of operation or the first 12 calendar months following the issuance of this permit, the permittee shall not exceed the operating hours levels specified in the following table:

Maximum Allowable	
Months	Cumulative Operating Hours
1	744
1-2	1416
1-3	2160
1-4	2880
1-5	3624
1-6	4344
1-7	5088

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1-8	5832
1-9	6552
1-10	7200
1-11	7200
1-12	7200

After the first 12 calendar months of operation or the first 12 calendar months following the issuance of this permit, compliance with the annual operating hours limitation shall be based upon a rolling, 12 month summation of operating hours

2. This The maximum annual production rate for this emissions unit shall not exceed 12,800 tons of metal processed, based upon a rolling,12 month summation of the production rates.

To ensure enforceability during the first 12 calendar months of operation or the first 12 calendar months following the issuance of this permit, the permittee shall not exceed the production levels specified in the following table:

Maximum Allowable

Months	Cumulative Production
1	2,976
1-2	5,664
1-3	8,640
1-4	11,520
1-5	12,800
1-6	12,800
1-7	12,800
1-8	12,800
1-9	12,800
1-10	12,800
1-11	12,800
1-12	12,800

After the first 12 calendar months of operation or the first 12 calendar months following the issuance of this permit, compliance with the annual production rate limitation shall be based upon a rolling,12 month summation of the production rates.

### III. Monitoring and/or Recordkeeping Requirements

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1. The permittee shall maintain monthly records of the following information:
  - a. the production rate for each month, in tons of metal processed;
  - b. the rolling, 12-month summation of the production rates, in tons of metal processed;
  - c. the rolling, 12-month summation of the operating hours; and
  - d. beginning after the first 12 calendar months of operation or the first 12 calendar months following the issuance of this permit, the rolling, 12-month summation of the operating hours.

Also, during the first 12 calendar months of operation or the first 12 calendar months following the issuance of this permit, the permittee shall record the cumulative operating hours for each calendar month.)

#### IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the rolling, 12-month limitation of the production rate, and/or rolling, 12-month limitation on the hours of operation; and for the first 12 calendar months of operation or the first 12 calendar months following the issuance of this permit, all exceedances of the maximum allowable cumulative production rate and/or hours of operation. These reports shall be submitted in accordance with the reporting requirements specified in Part 1 - General Terms and Conditions, Section A of this permit.
2. The deviation reports shall be submitted in accordance with paragraph A.1.c.ii of the General Terms and Conditions of this permit.

#### V. Testing Requirements

1. Compliance with the emission limitation in Section A.1. of these terms and conditions shall be determined in accordance with the following methods:
  - a. Emission Limitation

2.79 tons of PE/PM10 per rolling 12-months combined emissions.

Applicable Compliance Method: The combined hourly and rolling 12-month emission limitation was established by the following methodology:

$$AER = \left( \left[ (BFR)(Ec)(TI)(CONV) \right] * AH \right) + \left[ (MAMR * Cte)(1 - Cp) \right] * (1 - Cb\%) \right) / 2000$$

where:

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AER= Annual Emission Rate, tons/yr;

Baghouse Emissions:

BFR = baghouse flow rate ( 7,502 acfm, from Honda Engineering Coordinator, Barton G. Pinson, e-mail Aug. 25, 2006);

Ec = Emission concentration rate (0.005 grain /dscf, from Honda's PTI Application and Calculation Sheets);

TI = time (60 minutes/hr);

CONV = conversion factor (1 lb/7,000 grains);

AH = Annual Operating hours (7200 per rolling 12-months)

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Building Emissions:

MAMR = maximum annual metal (iron throughput) rate (12,800 tons/rolling 12-month);

Cte= Cutting Emission Factor (17.0 lbs PM / ton, from SCC 3-04-003-40, Fire)

Cp% = Capture Efficiency of hooding and venting system (95 % from Honda's EAC Form);

and

Cb%= Capture/Control of Building (70% from Honda Calculation sheets and best engineering estimate)

The permittee shall demonstrate compliance with the PE limitations based upon the results of emission testing conducted in accordance with Methods 1-5 of 40 CFR Part 60, Appendix A. If isolation of the emissions from this emissions unit cannot be achieved because of operational restrictions, compliance will be assumed as long as compliance with the PE concentration limit from each baghouse serving this unit is maintained. (0.005 gr/dscf).

b. Emission Limitation

Visible particulate emissions from the baghouse(s) stack(s) shall not exceed 20% percent opacity as a six-minute average.

Applicable Compliance Method

Compliance shall be determined through visible emission 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).

2. The permittee shall conduct, or have conducted, emission testing for any and all baghouse that this emission unit has or can be controlled by in the future to demonstrate compliance with the allowable PE and PM10 limitations.
  - a. The emission testing shall be conducted within 6 months of the installation completion.
  - b. The emission testing shall be conducted to demonstrate compliance with the allowable PE/PM10 limitations.
  - c. The following test methods shall be employed to demonstrate compliance with

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the allowable mass emission limitations:

PE: Methods 1-5 of 40 CFR Part 60, Appendix A.

Alternative U.S. EPA-approved test methods may be used with prior approval from the Ohio EPA.

- d. The test(s) shall be conducted while the emission units being controlled by the baghouse(s) are being operated at or near their maximum capacities, unless otherwise specified or approved by the Ohio EPA, Southwest District Office.

Personnel from the Ohio EPA shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

A comprehensive written report on the results of the emission test(s) shall be signed by the person or persons responsible for the tests and submitted to the Ohio EPA, Southwest District Office within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the Ohio EPA, Southwest District Office.

## **VI. Miscellaneous Requirements**

None

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**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 - (P922) - Line III QCC 2 Gate Cut to include Gate Cut Machine, Material Handling and Associated Equipment**

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**

None

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