



State of Ohio Environmental Protection Agency

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**RE: PERMIT TO INSTALL DRAFT CHAPTER 31
MODIFICATION
SHELBY COUNTY
Application No: 05-0137**

CERTIFIED MAIL

	TOXIC REVIEW
	PSD
X	SYNTHETIC MINOR
	CEMS
	MACT
	NSPS
	NESHAPS
	NETTING
	MAJOR NON-ATTAINMENT
	MODELING SUBMITTED

DATE: May 26, 1999

Honda Of America Mfg., Inc.
Jeff McCormack
12500 Meranda Road
Anna, OH 45302

You are hereby notified that the Ohio Environmental Protection Agency has made a draft action recommending that the Director issue a Permit to Install for the air contaminant source(s) [emissions unit(s)] shown on the enclosed draft permit. This draft action is not an authorization to begin construction or modification of your emissions unit(s). The purpose of this draft is to solicit public comments on the proposed installation. A public notice concerning the draft permit will appear in the Ohio EPA Weekly Review and the newspaper in the county where the facility will be located. Public comments will be accepted by the field office within 30 days of the date of publication in the newspaper. Any comments you have on the draft permit should be directed to the appropriate field office within the comment period. A copy of your comments should also be mailed to Robert Hodanbosi, Division of Air Pollution Control, Ohio EPA, P.O. Box 1049, Columbus, OH, 43266-0149.

A Permit to Install may be issued in proposed or final form based on the draft action, any written public comments received within 30 days of the public notice, or record of a public meeting if one is held. You will be notified in writing of a scheduled public meeting. Upon issuance of a final Permit to Install a fee of **\$4800** will be due. Please do not submit any payment now.

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. If you have any questions about this draft permit, please contact the field office where you submitted your application, or Mike Ahern, Field Operations & Permit Section at (614) 644-3631.

Very truly yours,

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

cc: USEPA
DAPC, SWDO



Permit To Install

Issue Date: To be entered upon final issuance

Terms and Conditions

Effective Date: To be entered upon final issuance

DRAFT CHAPTER 31 MODIFICATION OF PERMIT TO INSTALL 05-0137

Application Number: 05-0137

APS Premise Number: 0575000174

Permit Fee: **To be entered upon final issuance**

Name of Facility: Honda Of America Mfg., Inc.

Person to Contact: Jeff McCormack

Address: 12500 Meranda Road

Anna, OH 45302

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

12500 Meranda Road

Anna, OHIO

Description of proposed emissions unit(s):

MODIFICATION TO INCREASE THE OPERATIONAL HOURS OF THE FERROUS CASTING LINE #2 CONTROLLED WITH FABRIC FILTERS.

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 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 promptly made to the appropriate Ohio EPA District Office or local air agency. These quarterly written reports shall satisfy the requirements of OAC rule 3745-77-07(A)(3)(c)(i) and (ii) pertaining to the submission of monitoring reports every six months and OAC rule 3745-77-07(A)(3)(c)(iii) pertaining to the prompt reporting of all deviations except malfunctions, which shall be reported in accordance with

OAC rule 3745-15-06. The written reports shall be submitted quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. (These quarterly reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06.) See B.14 below if no deviations occurred during the quarter.

- iii. Written reports, which identify any deviations from the federally enforceable monitoring, recordkeeping, and reporting requirements contained in this permit shall be submitted to the appropriate Ohio EPA District Office or local air agency every six months, i.e., by January 31 and July 31 of each year for the previous six calendar months. These semi-annual written reports shall satisfy the requirements of OAC rule 3745-77-07(A)(3)(c)(i) and (ii) pertaining to the reporting of any deviations related to the monitoring, recordkeeping, and reporting requirements. If no deviations occurred during a six-month period, the permittee shall submit a semi-annual report, which states that no deviations occurred during that period.
- iv. Each written report shall be signed by a responsible official certifying that, based on information and belief formed after reasonable inquiry, the statements and information in the report are true, accurate, and complete.

2. Scheduled Maintenance/Malfunction Reporting

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. The malfunction, i.e., upset, of any emissions units or any associated air pollution control system(s) shall be reported to the appropriate Ohio EPA District Office or local air agency in accordance with paragraph (B) of OAC rule 3745-15-06. (The definition of an upset condition shall be the same as that used in OAC rule 3745-15-06(B)(1) for a malfunction.) The verbal and written reports submitted pursuant to OAC rule 3745-15-06 shall satisfy the requirements of OAC rule 3745-77-07(A)(3)(c)(iii) pertaining to the prompt reporting of deviations caused by malfunctions or upsets.

Except as provided in that rule, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of the emission unit(s) that is (are) served by such control system(s).

3. Risk Management Plans

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

4. Title IV Provisions

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

5. Severability Clause

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

6. General Requirements

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

7. Fees

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

8. Federal and State Enforceability

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

9. Compliance Requirements

- a. Any document (including reports) required to be submitted and required by a federally applicable requirement in this permit shall include a certification by a responsible official that, based on information and belief formed after reasonable inquiry, the statements in the document are true, accurate, and complete.
- b. Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the Director of the Ohio EPA or an authorized representative of the Director to:
 - i. At reasonable times, enter upon the permittee's premises where a source is located or the emissions-related activity is conducted, or where records must be kept under the conditions of this permit.
 - ii. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit, subject to the protection from disclosure to the public of confidential information consistent with paragraph (E) of OAC rule 3745-77-03.
 - 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.
 - d. Compliance certifications concerning the terms and conditions contained in this permit that are federally enforceable emission limitations, standards, or work practices, shall be submitted to the appropriate Ohio EPA District Office or local air agency in the following manner and with the following content:
 - i. Compliance certifications shall be submitted on an annual basis unless the applicable requirement specifies more frequent submissions.
 - ii. Compliance certifications shall include the following:
 - (a) An identification of each term or condition of this permit that is the basis of the certification.
 - (b) The permittee's current compliance status.
 - (c) Whether compliance was continuous or intermittent.
 - (d) The method(s) used for determining the compliance status of the source currently and over the required reporting period.
 - (e) Such other facts as the Director of the Ohio EPA may require in the permit to determine the compliance status of the source.
 - iii. Compliance certifications shall contain such additional requirements as may be specified pursuant to sections 114(a)(3) and 504(b) of the Act.

10. Emergencies

The permittee shall have an affirmative defense of emergency to an action brought for noncompliance with technology-based emission limitations if the conditions of OAC rule 3745-77-07(G)(3) are met. This emergency defense provision is in addition to any emergency or upset provision contained in any applicable requirement.

11. Title V Permit To Operate Application

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.

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

1. Compliance Requirements

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

2. Reporting Requirements Related to Monitoring and Recordkeeping Requirements

The permittee shall submit required reports in the following manner:

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

3. Records Retention Requirements

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

4. Inspections and Information Requests

The Director of the Ohio EPA, or an authorized representative of the Director, may, subject to the safety requirements of the permittee and without undue delay, enter upon the premises of this source at any reasonable time for purposes of making inspections, conducting tests, examining records or reports pertaining to any emission of air contaminants, and determining compliance with any applicable State air pollution laws and regulations and the terms and conditions of this permit. The permittee shall furnish to the Director of the Ohio EPA, or an authorized representative of the Director, upon receipt of a written request and within a reasonable time, any information that may be requested to determine whether cause exists for modifying, reopening or revoking this permit or to determine compliance with this permit. Upon verbal or written request,

the permittee shall also furnish to the Director of the Ohio EPA, or an authorized representative of the Director, copies of records required to be kept by this permit.

5. Scheduled Maintenance/Malfunction Reporting

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

6. Permit Transfers

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

7. Air Pollution Nuisance

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

8. Termination of Permit To Install

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

9. Construction of New Sources(s)

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

If the construction of the proposed emissions unit(s) has already begun or has been completed

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

10. Public Disclosure

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

11. Applicability

This Permit to Install is applicable only to the emissions unit(s) identified in the Permit To Install. Separate application must be made to the Director for the installation or modification of any other emissions unit(s).

12. Best Available Technology

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

13. Construction Compliance Certification

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

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

If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters.

C. Permit To Install Summary of Allowable Emissions

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

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

<u>Pollutant</u>	<u>Tons Per Year</u>
Particulate	39.33
PM ₁₀	39.33
SO _x	0.738
NO _x	0.369
OC	13.695

Honda Of America Mfg Inc

PTI Application: **05-0137**

Date: To be entered upon final issuance

Facility ID: **0575000174**

Emissions Unit ID: **P056**

Part II - FACILITY SPECIFIC TERMS AND CONDITIONS

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

None.

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

None.

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

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Casting, Cooling, Degating, and Sorting Line #2 (existing)	Synthetic minor to avoid Prevention of Significant Deterioration (PSD) OAC rule 3745-17-07(A)(1) OAC rule 3745-17-11	7.17 tons PM-10/yr., as a rolling, 12-month summation; see term A.II.1. Less stringent than OAC rule 3745-31-05 (see opacity limitation in term B.I.1.) Less stringent than OAC rule 3745-31-05 (see mass emission limitation in term B.I.1.)

2. **Additional Terms and Conditions**

- 2.a None.

II. Operational Restrictions

1. The maximum annual operating hours for this emissions unit shall not exceed 6,000 hours per year, based upon a rolling, 12- month summation of the operating hours.

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

<u>Month(s)</u>	<u>Maximum Allowable Cumulative Operating Hours</u>
1	500 hours
1-2	1,000 hours
1-3	1,500 hours

1-4	2,000 hours
1-5	2,500 hours
1-6	3,000 hours
1-7	3,500 hours
1-8	4,000 hours
1-9	4,500 hours
1-10	5,000 hours
1-11	5,500 hours
1-12	6,000 hours

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

2. The pressure drop across the baghouse shall be maintained within the range of 1 to 15 inches of water while any emission unit controlled by the baghouse is in operation except for the first 45 days following a change of at least 50% of the fabric bags, when the pressure drop shall be maintained below 15 inches of water while any emission unit controlled by the baghouse is in operation.

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain monthly records of the following information:
 - a. The operating hours for each month.
 - b. Beginning after the first 12 calendar months of operation following the issuance of this permit, the rolling, 12-month summation of the operating hours.

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

2. The permittee shall properly install, operate, and maintain equipment to monitor the pressure drop across the baghouse(s) while the emissions unit(s) is in operation. The monitoring equipment shall be installed, calibrated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across the baghouse on a daily basis.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which identify all exceedances of the rolling, 12-month operating hours limitation and, for the first 12 calendar months of operation following the issuance of this permit, all exceedances of the maximum allowable cumulative operating hours levels.

2. The permittee shall submit pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across the baghouse did not comply with the allowable range specified in the permit.
3. These reports, as denoted in terms A.IV.1. and 2., are due by the date described in Part 1- General Terms and Conditions of the permit under section (A) (1).

V. Testing Requirements

1. Compliance with the emission limitation(s) in section A.I.1. of these terms and conditions shall be determined in accordance with the following method(s):

- a. Emission Limitation:

7.17 tons of PM-10 per year, as a rolling 12-month summation

Applicable Compliance Method:

Compliance with the 7.17 tons of PM-10 per rolling limitation shall be assumed as long as the 6,000 hours per rolling 12-month summation is met. This is based both on the recordkeeping requirements in term A.III. and the following calculation:

$$(\text{MAER})(\text{AOH})(\text{CONV}) = 7.17 \text{ tons of PM-10 per year}$$

where

MAER = the maximum allowable emission rate (2.39 lbs PM*/hr.)

AOH = the actual operating hours**

CONV = conversion factor (1 ton/2000 lbs.)

* PM emissions are assumed to be all PM-10 emissions.

** As long as the 12-month hours of operation limitation in term A.II. is met, compliance with this limitation is demonstrated.

VI. Miscellaneous Requirements

None.

B. State Only Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

- 1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Casting, Cooling, Degating, and Sorting Line #2 (existing)	OAC rule 3745-31-05	2.39 lbs. PM/hr., 7.17 tons PM /yr. 0.010 gr./dscf 0% opacity, as a six minute average, from the stack

2. Additional Terms and Conditions

- 2.a Compliance with OAC rule 3745-31-05 shall be demonstrated by the use of a baghouse and compliance with the limits in term B.I.1.

II. Operational Restrictions

None.

III. Monitoring and/or Recordkeeping Requirements

None.

IV. Reporting Requirements

The permittee shall also submit annual reports which specify the total particulate emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.

V. Testing Requirements

Compliance with the emission limitation(s) in section B.I.1. of these terms and conditions shall be determined in accordance with the following method(s):

1. The permittee shall conduct, or have conducted, emission testing for the baghouse in accordance with the following requirements:
 - a. The emission testing shall be conducted 6 months prior to permit renewal.
 - b. The emissions testing shall be conducted to demonstrate compliance with the allowable mass emission rate for particulate.
 - c. The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s):

<u>Pollutant</u>	<u>Test Method</u>	<u>Location</u>
Particulate	Method 5	40 <u>CFR</u> Part 60, Appendix A

- d. The test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the appropriate Ohio EPA District Office or local air agency.

Not later than 30 days prior to the proposed test date(s), the permittee shall submit an “Intent to Test” notification to the appropriate Ohio EPA District Office or local air agency. The “Intent to Test” notification shall describe in detail the proposed test methods and procedures, the emissions unit(s) 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 District Office’s or local air agency’s refusal to accept the results of the emission test(s).

Personnel from the appropriate Ohio EPA District Office or local air agency 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(s) and the testing procedures provide a valid characterization of the emissions from the emissions unit(s) and/or the performance of the control equipment.

A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the appropriate Ohio EPA District Office or local air agency within 30 days following completion of the test(s).

2. Emission Limitation:

7.17 tons of PM per year

Applicable Compliance Method:

$$(MAER)(AOH)(CONV) = 7.17 \text{ tons of PM per year}$$

where

Honda Of America Mfg Inc

PTI Application: **05-0137**

Date: To be entered upon final issuance

Facility ID: **0575000174**

Emissions Unit ID: **P056**

MAER = the maximum allowable emission rate (2.39 lbs PM/hr.)

AOH = the actual operating hours

CONV = conversion factor (1 ton/2000 lbs.)

3. Emission Limitation:

The opacity shall be 0% from the stack.

Applicable Compliance Method:

Compliance shall be determined according to test Method 9 as set forth in “Appendix on Test Methods” in 40 CFR Part 60.

VI. Miscellaneous Requirements

None.

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

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Casting Shotblast System #2 (existing)	Synthetic minor to avoid Prevention of Significant Deterioration (PSD)	5.10 tons PM-10/yr., as a rolling 12-month summation; see term A.II.1.
	OAC rule 3745-17-07(A)(1)	Less stringent than OAC rule 3745-31-05 (see opacity limitation in term B.I.1.)
	OAC rule 3745-17-11	Less stringent than OAC rule 3745-31-05 (see mass emission limitation in term B.I.1.)

2. **Additional Terms and Conditions**

- 2.a None.

II. Operational Restrictions

1. The maximum annual operating hours for this emissions unit shall not exceed 6,000 hours per year, based upon a rolling, 12- month summation of the operating hours.

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

<u>Month(s)</u>	<u>Maximum Allowable Cumulative Operating Hours</u>
1	500 hours
1-2	1,000 hours
1-3	1,500 hours
1-4	2,000 hours
1-5	2,500 hours

1-6	3,000 hours
1-7	3,500 hours
1-8	4,000 hours
1-9	4,500 hours
1-10	5,000 hours
1-11	5,500 hours
1-12	6,000 hours

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

2. The pressure drop across the baghouse shall be maintained within the range of 1 to 15 inches of water while any emission unit controlled by the baghouse is in operation except for the first 45 days following a change of at least 50% of the fabric bags, when the pressure drop shall be maintained below 15 inches of water while any emission unit controlled by the baghouse is in operation.

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain monthly records of the following information:
 - a. The operating hours for each month.
 - b. Beginning after the first 12 calendar months of operation following the issuance of this permit, the rolling , 12-month summation of the operating hours.

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

2. The permittee shall properly install, operate, and maintain equipment to monitor the pressure drop across the baghouse(s) while the emissions unit(s) is in operation. The monitoring equipment shall be installed, calibrated, and maintained in accordance with the manufacture's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across the baghouse on a daily basis.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which identify all exceedances of the rolling, 12-month operating hours limitation and, for the first 12 calendar months of operation following the issuance of this permit, all exceedances of the maximum allowable cumulative operating hours levels.
2. The permittee shall submit pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across the baghouse did not comply with the allowable range specified in the permit.

3. These reports, as denoted in terms A.IV.1. and 2., are due by the date described in Part 1- General Terms and Conditions of the permit under section (A) (1).

V. Testing Requirements

1. Compliance with the emission limitation(s) in section A.I.1. of these terms and conditions shall be determined in accordance with the following method(s):

- a. Emission Limitation:

5.10 tons of PM-10 per year, as a rolling 12-month summation

Applicable Compliance Method:

Compliance with the 5.10 tons of PM-10 per rolling limitation shall be assumed as long as the 6,000 hours per rolling 12-month summation is met. This is based both on the recordkeeping requirements in term A.III. and the following calculation:

$$(\text{MAER})(\text{AOH})(\text{CONV}) = 5.10 \text{ tons of PM-10 per year}$$

where

MAER = the maximum allowable emission rate (1.70 lbs. PM*/hr.)

AOH = the actual operating hours **

CONV = conversion factor (1 ton/2000 lbs.)

*PM emissions are assumed to be all PM-10 emissions.

**As long as the 12-month hours of operation limitation in term A.II. is met, compliance with this limitation is demonstrated.

VI. Miscellaneous Requirements

None.

B. State Only Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Casting Shotblast System #2 (existing)	OAC rule 3745-31-05	1.70 lbs. PM/hr., 5.10 tons PM /yr 0.010 gr./dscf 0% opacity, as a six minute average, from the stack

2. **Additional Terms and Conditions**

- 2.a Compliance with OAC rule 3745-31-05 shall be demonstrated by the use of a baghouse and compliance with the limits in term B.I.1.

II. Operational Restrictions

None.

III. Monitoring and/or Recordkeeping Requirements

None.

IV. Reporting Requirements

The permittee shall also submit annual reports which specify the total particulate emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.

V. Testing Requirements

Compliance with the emission limitation(s) in section B.I.1. of these terms and conditions shall be determined in accordance with the following method(s):

1. The permittee shall conduct, or have conducted, emission testing for the baghouse in accordance with the following requirements:
 - a. The emission testing shall be conducted 6 months prior to permit renewal.
 - b. The emissions testing shall be conducted to demonstrate compliance with the allowable mass emission rate for particulate.
 - c. The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s):

<u>Pollutant</u>	<u>Test Method</u>	<u>Location</u>
Particulate	Method 5	40 <u>CFR</u> Part 60, Appendix A

- d. The test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the appropriate Ohio EPA District Office or local air agency.

Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the appropriate Ohio EPA District Office or local air agency. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit(s) 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 District Office's or local air agency's refusal to accept the results of the emission test(s).

Personnel from the appropriate Ohio EPA District Office or local air agency 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(s) and the testing procedures provide a valid characterization of the emissions from the emissions unit(s) and/or the performance of the control equipment.

A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the appropriate Ohio EPA District Office or local air agency within 30 days following completion of the test(s).

2. Emission Limitation:

5.10 tons of PM per year

Applicable Compliance Method:

(MAER)(AOH)(CONV) = 5.10 tons of PM per year

where

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Emissions Unit ID: **P057**

MAER = the maximum allowable emission rate (1.70 lbs. PM/hr.)

AOH = the actual operating hours

CONV = conversion factor (1 ton/2000 lbs.)

3. Emission Limitation:

The opacity shall be 0% from the stack.

Applicable Compliance Method:

Compliance shall be determined according to test Method 9 as set forth in “Appendix on Test Methods” in 40 CFR Part 60.

VI. Miscellaneous Requirements

None.

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

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Mold Making Line #2 (existing)	Synthetic minor to avoid Prevention of Significant Deterioration (PSD)	1.44 tons PM-10/yr., as a rolling, 12-month summation; see term A.II.1.
	OAC rule 3745-17-07(A)(1)	Less stringent than OAC rule 3745-31-05 (see opacity limitation in term B.I.1.)
	OAC rule 3745-17-11	Less stringent than OAC rule 3745-31-05 (see mass emission limitation in term B.I.1.)
	OAC rule 3745-21-07 (G)	Use of non photochemically reactive materials

2. **Additional Terms and Conditions**

- 2.a None.

II. Operational Restrictions

1. The maximum annual operating hours for this emissions unit shall not exceed 6,000 hours per year, based upon a rolling, 12- month summation of the operating hours.

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

<u>Month(s)</u>	<u>Maximum Allowable Cumulative Operating Hours</u>
1	500 hours
1-2	1,000 hours

1-3	1,500 hours
1-4	2,000 hours
1-5	2,500 hours
1-6	3,000 hours
1-7	3,500 hours
1-8	4,000 hours
1-9	4,500 hours
1-10	5,000 hours
1-11	5,500 hours
1-12	6,000 hours

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

2. The pressure drop across the baghouse shall be maintained within the range of 1 to 15 inches of water while any emission unit controlled by the baghouse is in operation except for the first 45 days following a change of at least 50% of the fabric bags, when the pressure drop shall be maintained below 15 inches of water while any emission unit controlled by the baghouse is in operation.

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain monthly records of the following information:
 - a. The operating hours for each month.
 - b. Beginning after the first 12 calendar months of operation following the issuance of this permit, the rolling, 12-month summation of the operating hours.

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

2. The permittee shall properly install, operate, and maintain equipment to monitor the pressure drop across the baghouse(s) while the emissions unit(s) is in operation. The monitoring equipment shall be installed, calibrated, and maintained in accordance with the manufacture's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across the baghouse on a daily basis.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which identify all exceedances of the rolling, 12-month operating hours limitation and, for the first 12 calendar months of operation following the issuance of this permit, all exceedances of the maximum allowable cumulative operating hours levels.

2. The permittee shall submit pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across the baghouse did not comply with the allowable range specified in the permit.
3. These reports, as denoted in terms A.IV.1. and 2., are due by the date described in Part 1- General Terms and Conditions of the permit under section (A) (1).

V. Testing Requirements

1. Compliance with the emission limitation(s) in section A.I.1. of these terms and conditions shall be determined in accordance with the following method(s):

- a. Emission Limitation:

1.44 tons of PM-10 per year, as a rolling 12-month summation

Applicable Compliance Method:

Compliance with the 1.44 tons of PM-10 per rolling limitation shall be assumed as long as the 6,000 hours per rolling 12-month summation is met. This is based both on the recordkeeping requirements in term A.III. and the following calculation:

$$(\text{MAER})(\text{AOH})(\text{CONV}) = 1.44 \text{ tons of PM-10 per year}$$

where

MAER = the maximum allowable emission rate (0.48 lbs. PM*/hr.)

AOH = the actual operating hours**

CONV = conversion factor (1 ton/2000 lbs.)

*PM emissions are assumed to be all PM-10 emissions.

**As long as the 12-month hours of operation limitation in term A.II. is met, compliance with this limitation is demonstrated.

VI. Miscellaneous Requirements

None.

B. State Only Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Mold Making Line #2 (existing)	OAC rule 3745-31-05	0.48 lb. PM/hr., 1.44 tons PM/yr. 0.010 gr./dscf 0% opacity, as a six minute average, from the stack 0.015 lb. OC/hr. and 0.045 ton OC/yr.

2. **Additional Terms and Conditions**

- 2.a Compliance with OAC rule 3745-31-05 shall be demonstrated by the use of a cyclone venting to a baghouse; direct venting to a second fabric filter; and compliance with the limits in term B.I.1.

II. Operational Restrictions

None.

III. Monitoring and/or Recordkeeping Requirements

None.

IV. Reporting Requirements

The permittee shall also submit annual reports which specify the total particulate and organic compound emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.

V. Testing Requirements

Compliance with the emission limitation(s) in section B.I.1. of these terms and conditions shall be determined in accordance with the following method(s):

1. The permittee shall conduct, or have conducted, emission testing for the baghouse(s) in accordance with the following requirements:

a. The emission testing shall be conducted 6 months prior to permit renewal.

b. The emissions testing shall be conducted to demonstrate compliance with the allowable mass emission rate for particulate.

c. The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s):

<u>Pollutant</u>	<u>Test Method</u>	<u>Location</u>
Particulate	Method 5	40 <u>CFR</u> Part 60, Appendix A

d. The test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the appropriate Ohio EPA District Office or local air agency.

Not later than 30 days prior to the proposed test date(s), the permittee shall submit an “Intent to Test” notification to the appropriate Ohio EPA District Office or local air agency. The “Intent to Test” notification shall describe in detail the proposed test methods and procedures, the emissions unit(s) 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 District Office’s or local air agency’s refusal to accept the results of the emission test(s).

Personnel from the appropriate Ohio EPA District Office or local air agency 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(s) and the testing procedures provide a valid characterization of the emissions from the emissions unit(s) and/or the performance of the control equipment.

A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the appropriate Ohio EPA District Office or local air agency within 30 days following completion of the test(s).

2. Emission Limitation:

1.44 tons of PM per year

Applicable Compliance Method:

$$(MAER)(AOH)(CONV) = 1.44 \text{ tons of PM per year}$$

where

MAER = the maximum allowable emission rate (0.48 lb. PM/hr.)

AOH = the actual operating hours

CONV = conversion factor (1 ton/2000 lbs.)

3. Emission Limitation:

The OC emissions shall not exceed 0.015 pound per hour.

Applicable Compliance Method:

Compliance shall be determined by using the following calculation:

$$(MXPH)(MANU) = 0.015 \text{ pound of organic compounds per hour.}$$

where

MXPH = the maximum parting spray utilized (15 lbs./hr.)

MANU = the emission factor provided by the manufacturer (0.001 lb./lb.)

4. Emission Limitation:

The organic compound emissions shall not exceed 0.045 ton per year

Applicable Compliance Method:

Compliance shall be determined by using the following calculation:

$$(MAER)(AOH)(CONV) = 0.045 \text{ ton of organic compound per year}$$

where

MAER = the maximum allowable emission rate (0.015 lb./hr.)

AOH = the actual operating hours

CONV = conversion factor (1 ton/ 2,000 lbs.)

5. Emission Limitation:

The opacity shall be 0% from the stack.

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PTI Application: **05-0137**

Date: To be entered upon final issuance

Facility ID: **0575000174**

Emissions Unit ID: **P058**

Applicable Compliance Method:

Compliance shall be determined according to test Method 9 as set forth in “Appendix on Test Methods” in 40 CFR Part 60.

VI. Miscellaneous Requirements

None.

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

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Sand /Metal Separation Shakeout & Extraction Line #2 (existing)	Synthetic minor to avoid Prevention of Significant Deterioration (PSD)	5.73 tons PM-10/yr., as a rolling, 12-month summation; see term A.II.1.
	OAC rule 3745-17-07(A)(1)	Less stringent than OAC rule 3745-31-05 (see opacity limitation in term B.I.1.)
	OAC rule 3745-17-11	Less stringent than OAC rule 3745-31-05 (see mass emission limitation in term B.I.1.)
	OAC rule 3745-21-07 (G)	Use of non photochemically reactive materials

2. **Additional Terms and Conditions**

- 2.a None.

II. Operational Restrictions

1. The maximum annual operating hours for this emissions unit shall not exceed 6,000 hours per year, based upon a rolling, 12- month summation of the operating hours.

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

<u>Month(s)</u>	<u>Maximum Allowable Cumulative Operating Hours</u>
1	500 hours
1-2	1,000 hours
1-3	1,500 hours
1-4	2,000 hours
1-5	2,500 hours
1-6	3,000 hours
1-7	3,500 hours
1-8	4,000 hours
1-9	4,500 hours
1-10	5,000 hours
1-11	5,500 hours
1-12	6,000 hours

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

2. The pressure drop across the baghouse shall be maintained within the range of 1 to 15 inches of water while any emission unit controlled by the baghouse is in operation except for the first 45 days following a change of at least 50% of the fabric bags, when the pressure drop shall be maintained below 15 inches of water while any emission unit controlled by the baghouse is in operation.

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain monthly records of the following information:
 - a. The operating hours for each month.
 - b. Beginning after the first 12 calendar months of operation following the issuance of this permit, the rolling, 12-month summation of the operating hours.

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

2. The permittee shall properly install, operate, and maintain equipment to monitor the pressure drop across the baghouse(s) while the emissions unit(s) is in operation. The monitoring equipment shall be installed, calibrated, and maintained in accordance with the manufacture's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across the baghouse on a daily basis.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which identify all exceedances of the rolling, 12-month operating hours limitation and, for the first 12 calendar months of operation following the issuance of this permit, all exceedances of the maximum allowable cumulative operating hours levels.
2. The permittee shall submit pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across the baghouse did not comply with the allowable range specified in the permit.
3. These reports, as denoted in terms A.IV.1. and 2., are due by the date described in Part 1- General Terms and Conditions of the permit under section (A) (1).

V. Testing Requirements

1. Compliance with the emission limitation(s) in section A.I.1. of these terms and conditions shall be determined in accordance with the following method(s):

- a. Emission Limitation:

5.73 tons of PM-10 per year, as a rolling 12-month summation

Applicable Compliance Method:

Compliance with the 5.73 tons of PM-10 per rolling limitation shall be assumed as long as the 6,000 hours per rolling 12-month summation is met. This is based both on the recordkeeping requirements in term A.III. and the following calculation: Compliance shall be determined by using the following calculation:

$$(MAER)(AOH)(CONV) = 5.73 \text{ tons of PM-10 per year}$$

where

MAER = the maximum allowable emission rate (1.91 lbs. PM*/hr.)

AOH = the actual operating hours **

CONV = conversion factor (1 ton/2000 lbs.)

* PM emissions are assumed to be all PM-10 emissions.

** As long as the 12-month hours of operation limitation in term A.II. is met, compliance with this limitation is demonstrated.

VI. Miscellaneous Requirements

None.

B. State Only Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Sand/Metal Separation Shakeout & Extraction Line #2(existing)	OAC rule 3745-31-05	1.91 lbs. PM/hr., 5.73 tons PM/yr. 0.010 gr./dscf 0% opacity, as a six minute average, from the stack 2.83 lbs. OC/hr. and 8.49 tons OC/yr.

2. **Additional Terms and Conditions**

- 2.a Compliance with OAC rule 3745-31-05 shall be demonstrated by the use of a cyclone venting to a baghouse; direct venting to the same baghouse; and compliance with the limits in term B.I.1.

II. Operational Restrictions

None.

III. Monitoring and/or Recordkeeping Requirements

None.

IV. Reporting Requirements

The permittee shall also submit annual reports which specify the total particulate and organic compound emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.

V. Testing Requirements

Compliance with the emission limitation(s) in section B.I.1. of these terms and conditions shall be determined in accordance with the following method(s):

1. The permittee shall conduct, or have conducted, emission testing for the baghouse(s) in accordance with the following requirements:

- a. The emission testing shall be conducted 6 months prior to permit renewal.
- b. The emissions testing shall be conducted to demonstrate compliance with the allowable mass emission rate for particulate.
- c. The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s):

<u>Pollutant</u>	<u>Test Method</u>	<u>Location</u>
Particulate	Method 5	40 <u>CFR</u> Part 60, Appendix A

d. The test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the appropriate Ohio EPA District Office or local air agency.

Not later than 30 days prior to the proposed test date(s), the permittee shall submit an “Intent to Test” notification to the appropriate Ohio EPA District Office or local air agency. The “Intent to Test” notification shall describe in detail the proposed test methods and procedures, the emissions unit(s) 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 District Office’s or local air agency’s refusal to accept the results of the emission test(s).

Personnel from the appropriate Ohio EPA District Office or local air agency 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(s) and the testing procedures provide a valid characterization of the emissions from the emissions unit(s) and/or the performance of the control equipment.

A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the appropriate Ohio EPA District Office or local air agency within 30 days following completion of the test(s).

2. Emission Limitation:

5.73 tons of PM per year

Applicable Compliance Method:

$$(MAER)(AOH)(CONV) = 5.73 \text{ tons of PM per year}$$

where

MAER = the maximum allowable emission rate (1.91 lbs. PM/hr.)

AOH = the actual operating hours

CONV = conversion factor (1 ton/2000 lbs.)

3. Emission Limitation:

The OC emissions shall not exceed 2.83 pounds per hour.

Applicable Compliance Method:

Compliance shall be determined by using the following calculation:

$$(MPWR)(EFAT) = 2.83 \text{ pounds of organic compounds per hour.}$$

where

MPWR = the maximum process weight rate (12.3 tons metal poured/hr.)

EFAT = the emission factor, as tested (0.23 lb. OC./ton of metal poured)

4. Emission Limitation:

The OC emissions shall not exceed 8.49 tons per year.

Applicable Compliance Method:

Compliance shall be determined by using the following calculation:

$$(MAER)(AOH)(CONV) = 8.40 \text{ tons of OC per year.}$$

where

MAER = the maximum allowable emission rate (2.83 lbs./hr)

AOH = the actual operating hours

CONV = conversion factor (1 ton/2,000 lbs.)

5. Emission Limitation:

The opacity shall be 0% from the stack.

Honda Of America Mfg Inc

PTI Application: **05-0137**

Date: To be entered upon final issuance

Facility ID: **0575000174**

Emissions Unit ID: **P061**

Applicable Compliance Method:

Compliance shall be determined according to test Method 9 as set forth in “Appendix on Test Methods” in 40 CFR Part 60.

VI. Miscellaneous Requirements

None.

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

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Mold Pouring & Cooling Line #2	Synthetic minor to avoid Prevention of Significant Deterioration (PSD)	13.62 tons PM-10/yr., as a rolling, 12-month summation; see term A.II.2.
	OAC rule 3745-17-07(A)(1)	Less stringent than OAC rule 3745-31-05 (see opacity limitation in term B.I.1.)
	OAC rule 3745-17-11	Less stringent than OAC rule 3745-31-05 (see PM mass emission limitation in term B.I.1.)
	OAC rule 3745-21-07 (G)	Use of non photochemically reactive materials
	OAC rule 3745-18-06 (D)	Less stringent than OAC rule 3745-31-05 (see SO2 mass emission limitation in term B.I.1.); also, see term A.I.2)

2. Additional Terms and Conditions

- 2.a The OAC rule 3745-18-06(D) citation listed in term A.I.1 is part of the federally approved OAC rule 3745-18 which is outdated. Under current OAC rules, the citation is 3745-18-06 (E).

II. Operational Restrictions

1. The maximum annual operating hours for this emissions unit shall not exceed 6,000 hours per year, based upon a rolling, 12- month summation of the operating hours.

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

<u>Month(s)</u>	<u>Maximum Allowable Cumulative Operating Hours</u>
1	500 hours
1-2	1,000 hours
1-3	1,500 hours
1-4	2,000 hours
1-5	2,500 hours
1-6	3,000 hours
1-7	3,500 hours
1-8	4,000 hours
1-9	4,500 hours
1-10	5,000 hours
1-11	5,500 hours
1-12	6,000 hours

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

2. The pressure drop across the baghouse shall be maintained within the range of 1 to 15 inches of water while any emission unit controlled by the baghouse is in operation except for the first 45 days following a change of at least 50% of the fabric bags, when the pressure drop shall be maintained below 15 inches of water while any emission unit controlled by the baghouse is in operation.

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain monthly records of the following information:
 - a. The operating hours for each month.
 - b. Beginning after the first 12 calendar months of operation following the issuance of this permit, the rolling , 12-month summation of the operating hours.

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

2. The permittee shall properly install, operate, and maintain equipment to monitor the pressure drop across the baghouse(s) while the emissions unit(s) is in operation. The monitoring equipment shall be installed, calibrated, and maintained in accordance with the manufacture's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across the baghouse on a daily basis.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which identify all exceedances of the rolling, 12-month operating hours limitation and, for the first 12 calendar months of operation following the issuance of this permit, all exceedances of the maximum allowable cumulative operating hours levels.
2. The permittee shall submit pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across the baghouse did not comply with the allowable range specified in the permit.
3. These reports, as denoted in terms A.IV.1. and 2., are due by the date described in Part 1- General Terms and Conditions of the permit under section (A) (1).

V. Testing Requirements

1. Compliance with the emission limitation(s) in section A.I.1. of these terms and conditions shall be determined in accordance with the following method(s):

- a. Emission Limitation:

13.62 tons of PM-10 per year, as a rolling 12-month summation

Applicable Compliance Method:

Compliance with the 13.62 tons of PM-10 per rolling limitation shall be assumed as long as the 6,000 hours per rolling 12-month summation is met. This is based both on the recordkeeping requirements in term A.III. and the following calculation: Compliance shall be determined by using the following calculation:

$$(MAER)(AOH)(CONV) = 13.62 \text{ tons of PM-10 per year}$$

where

MAER = the maximum allowable emission rate (4.54 lbs. PM*/hr.)

AOH = the actual operating hours **

CONV = conversion factor (1 ton/2000 lbs.)

* PM emissions are assumed to be all PM-10 emissions.

** As long as the 12-month hours of operation limitation in term A.II. is met, compliance with this limitation is demonstrated.

VI. Miscellaneous Requirements

None.

B. State Only Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Mold Pouring & Cooling Line #2	OAC rule 3745-31-05	4.54 lbs PM/hr., 13.62 tons PM/yr. 0.010 gr./dscf 0% opacity, as a six minute average, from the stack 20% opacity, as a three minute average, from the fugitive dust source. 1.72 lbs. OC/hr. and 5.16 tons OC/yr. 0.246 lb. SOx/hr. and 0.738 ton SOx/yr. 0.123 lb. NOx/hr. and 0.369 ton NOx/yr. Less stringent than OAC rule 3745-31-05 (See SO2 mass emission limitation in term B.I.1)
	OAC rule 3745-18-06(E)	

2. Additional Terms and Conditions

- 2.a Compliance with OAC rule 3745-31-05 shall be demonstrated by the use of hoods, fans, and other equipment to adequately enclose, contain, capture, vent and control fugitive PM dust by venting to a baghouse and compliance with the limits in term B.I.1.
- 2.b Compliance with the emission limits from OAC rule 3745-17-07(B)(1) shall satisfy the BAT requirement of OAC rule 3745-31-05.

II. Operational Restrictions

None.

III. Monitoring and/or Recordkeeping Requirements

None.

IV. Reporting Requirements

The permittee shall also submit annual reports which specify the total particulate, organic compound and sulfur dioxide emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.

V. Testing Requirements

Compliance with the emission limitation(s) in section B.I.1. of these terms and conditions shall be determined in accordance with the following method(s):

1. The permittee shall conduct, or have conducted, emission testing for the baghouse(s) in accordance with the following requirements:
 - a. The emission testing shall be conducted 6 months prior to permit renewal.
 - b. The emissions testing shall be conducted to demonstrate compliance with the allowable mass emission rate for particulate.
 - c. The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s):

<u>Pollutant</u>	<u>Test Method</u>	<u>Location</u>
Particulate	Method 5	40 <u>CFR</u> Part 60, Appendix A

- d. The test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the appropriate Ohio EPA District Office or local air agency.

Not later than 30 days prior to the proposed test date(s), the permittee shall submit an “Intent to Test” notification to the appropriate Ohio EPA District Office or local air agency. The “Intent to Test” notification shall describe in detail the proposed test methods and procedures, the emissions unit(s) 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 District Office’s or local air agency’s refusal to accept the results of the emission test(s).

Personnel from the appropriate Ohio EPA District Office or local air agency 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(s) and the testing procedures provide a valid characterization of the emissions from the emissions unit(s) and/or the performance of the control equipment.

A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the appropriate Ohio EPA District Office or local air agency within 30 days following completion of the test(s).

2. Emission Limitation:

The SO_x emissions shall not exceed 0.246 pound per hour.

Applicable Compliance Method:

Compliance shall be determined by using the following calculation:

$(SCC)(MPWR) = 0.246$ pound of sulfur dioxides per hour

where

SCC= SCC ID# 3-04-003-20 (0.02 lb./ton)

MPWR= maximum process weight rate (12.3 tons of metal poured/hr.)

3. Emission Limitation:

The SO_x emissions shall not exceed 0.738 ton per year.

Applicable Compliance Method:

Compliance shall be determined by using the following calculation:

$(MAER)(AOH)(CONV) = 0.738$ ton of sulfur dioxides per year.

where

MAER = the maximum allowable emission rate (0.246 lb./hr.)

AOH = the actual operating hours

CONV= conversion factor (1 ton/2,000 lbs)

4. Emission Limitation:

The NO_x emissions shall not exceed 0.123 pound per hour.

Applicable Compliance Method:

$(SCC)(MPWR) = 0.123$ pound of nitrogen oxides per hour

where

SCC = SCC ID# 3-04-003-20 (0.01 lb./ton)

MPWR = maximum process weight rate (12.3 tons of metal poured/hr.)

5. Emission Limitation:

The NO_x emissions shall not exceed 0.36 ton per year

Applicable Compliance Method:

(MAER)(AOH)(CONV) = 0.36 ton of nitrogen dioxides per year.

where

MAER= the maximum allowable emission rate (0.123 lb./hr.)

AOH = the actual operating hours

CONV= conversion factor (1 ton/2,000 lbs)

6. Emission Limitation:

The OC emissions shall not exceed 1.72 pounds per hour

Applicable Compliance Method:

(SCC)(MPWR) = 1.72 pounds of OC per hour

where

SCC = SCC ID# 3-04-003-20 (0.14 lb./ton)

MPWR = maximum process weight rate (12.3 tons of metal poured/hr.)

7. Emission Limitation:

The OC emissions shall not exceed 5.16 tons per year.

Applicable Compliance Method:

(MAER)(AOH)(CONV) = 5.16 tons of OC per year.

where

MAER = the maximum allowable emission rate (1.72 lbs./hr.)

AOH = the actual operating hours

CONV = conversion factor (1 ton/2,000 lbs)

8. Emission Limitation:

13.62 tons of PM-10 per year

Applicable Compliance Method:

$MAER(AOH)(CONV) = 13.62$ tons of PM-10 per year

where

MAER = the maximum allowable emission rate (4.54 lbs. PM*/hr.)

AOH = the actual operating hours

CONV = conversion factor (1 ton/2000 lbs.)

9. Emission Limitation

0% opacity, as a six-minute average, from the stack.

Applicable Compliance Method:

Compliance shall be determined according to test Method 9 as set forth in "Appendix on Test Methods" in 40 CFR Part 60.

10. Emission Limitation

20% opacity, as a three minute average, from the fugitive dust source.

Applicable Compliance Method:

40 CFR Part 60, Method 9

VI. Miscellaneous Requirements

None.

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

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Holding Furnace & Transit Ladle System #2 (existing)	Synthetic minor to avoid Prevention of Significant Deterioration (PSD)	6.27 tons PM-10/yr., as a rolling 12-month summation; see term A.II.2.
	OAC rule 3745-17-07(A)(1)	Less stringent than OAC 3745-31-05 (see opacity limitation in term B.I.1.)
	OAC rule 3745-17-11	Less stringent than OAC rule 3745-31-05(see PM mass emission limitation in term B.I.1)

2. **Additional Terms and Conditions**

- 2.a None.

II. Operational Restrictions

1. The maximum annual operating hours for this emissions unit shall not exceed 6,000 hours per year, based upon a rolling, 12- month summation of the operating hours.

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

<u>Month(s)</u>	<u>Maximum Allowable Cumulative Operating Hours</u>
1	500 hours
1-2	1,000 hours
1-3	1,500 hours
1-4	2,000 hours
1-5	2,500 hours

1-6	3,000 hours
1-7	3,500 hours
1-8	4,000 hours
1-9	4,500 hours
1-10	5,000 hours
1-11	5,500 hours
1-12	6,000 hours

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

2. The pressure drop across the baghouse shall be maintained within the range of 1 to 15 inches of water while any emission unit controlled by the baghouse is in operation except for the first 45 days following a change of at least 50% of the fabric bags, when the pressure drop shall be maintained below 15 inches of water while any emission unit controlled by the baghouse is in operation.

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain monthly records of the following information:
 - a. The operating hours for each month.
 - b. Beginning after the first 12 calendar months of operation following the issuance of this permit, the rolling , 12-month summation of the operating hours.

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

2. The permittee shall properly install, operate, and maintain equipment to monitor the pressure drop across the baghouse(s) while the emissions unit(s) is in operation. The monitoring equipment shall be installed, calibrated, and maintained in accordance with the manufacture's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across the baghouse on a daily basis.

IV. Reporting Requirements

1. The permittee shall maintain monthly records of the following information:
 - a. The operating hours for each month.
 - b. Beginning after the first 12 calendar months of operation following the issuance of this permit, the rolling , 12-month summation of the operating hours.

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

2. The permittee shall properly install, operate, and maintain equipment to monitor the pressure drop across the baghouse(s) while the emissions unit(s) is in operation. The monitoring equipment shall be installed, calibrated, and maintained in accordance with the manufacture's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across the baghouse on a daily basis.

V. Testing Requirements

1. Compliance with the emission limitation(s) in section A.I.1. of these terms and conditions shall be determined in accordance with the following method(s):

- a. Emission Limitation:

6.27 tons of PM-10 per year, as a rolling 12-month summation

Applicable Compliance Method:

Compliance with the 6.27 tons of PM-10 per rolling limitation shall be assumed as long as the 6,000 hours per rolling 12-month summation is met. This is based both on the recordkeeping requirements in term A.III. and the following calculation: Compliance shall be determined by using the following calculation:

$$(MAER)(AOH)(CONV) = 6.27 \text{ tons of PM-10 per year}$$

where

MAER = the maximum allowable emission rate (2.09 lbs. PM*/hr.)

AOH = the actual operating hours **

CONV= conversion factor (1 ton/2000 lbs.)

* PM emissions are assumed to be all PM-10 emissions.

** As long as the 12-month hours of operation limitation in term A.II. is met, compliance with this limitation is demonstrated.

VI. Miscellaneous Requirements

None.

B. State Only Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Holding Furnace & Transit Ladle System #2	OAC rule 3745-31-05	2.09 lbs. PM/hr., 6.27 tons of PM per year 0.010 gr./dscf 0% opacity, as a six minute average, from the stack 20% opacity, as a three minute average, from the fugitive dust source

2. **Additional Terms and Conditions**

- 2.a Compliance with OAC rule 3745-31-05 shall be demonstrated by the use of hoods, fans, and other equipment to adequately enclose, contain, capture, vent and control fugitive PM dust by venting to a baghouse and compliance with the limits in term B.I.1.
- 2.b Compliance with the emission limits from OAC rule 3745-17-07(B)(1) shall satisfy the BAT requirement of OAC rule 3745-31-05.

II. Operational Restrictions

None.

III. Monitoring and/or Recordkeeping Requirements

None.

IV. Reporting Requirements

The permittee shall also submit annual reports which specify the total particulate emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.

V. Testing Requirements

Compliance with the emission limitation(s) in section B.I.1. of these terms and conditions shall be determined in accordance with the following method(s):

The permittee shall conduct, or have conducted, emission testing for the baghouse(s) in accordance with the following requirements:

- a. The emission testing shall be conducted 6 months prior to permit renewal.
- b. The emissions testing shall be conducted to demonstrate compliance with the allowable mass emission rate for particulate.
- c. The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s):

<u>Pollutant</u>	<u>Test Method</u>	<u>Location</u>
Particulate	Method 5	40 <u>CFR</u> Part 60, Appendix A

- d. The test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the appropriate Ohio EPA District Office or local air agency.

Not later than 30 days prior to the proposed test date(s), the permittee shall submit an “Intent to Test” notification to the appropriate Ohio EPA District Office or local air agency. The “Intent to Test” notification shall describe in detail the proposed test methods and procedures, the emissions unit(s) 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 District Office’s or local air agency’s refusal to accept the results of the emission test(s).

Personnel from the appropriate Ohio EPA District Office or local air agency 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(s) and the testing procedures provide a valid characterization of the emissions from the emissions unit(s) and/or the performance of the control equipment.

A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the appropriate Ohio EPA District Office or local air agency within 30 days following completion of the test(s).

2. Emission Limitation:

6.27 tons of PM per year

Applicable Compliance Method:

$(MAER)(AOH)(CONV) = 6.27$ tons of PM per year

where

MAER = the maximum allowable emission rate (2.09 lbs. PM/hr.)

AOH = the actual operating hours

CONV = conversion factor (1 ton/2000 lbs.)

3. Emission Limitation

0% opacity, as a six-minute average, from the stack.

Applicable Compliance Method:

Compliance shall be determined according to test Method 9 as set forth in "Appendix on Test Methods" in 40 CFR Part 60.

4. Emission Limitation:

20% opacity, as a three-minute average, from the fugitive dust source.

Applicable Compliance Method:

40 CFR Part 60, Method 9

VI. Miscellaneous Requirements

None.