State of Ohio Environmental Protection Agency

Street Address: Lazarus Gov. Center **TELE:** (614) 644-3020 **FAX:** (614) 644-2329 Mailing Address: Lazarus Gov. Center

RE: **FINAL PERMIT TO INSTALL MODIFICATION** CERTIFIED MAIL
SHELBY COUNTY
Application No: 05-08008

DATE: 12/14/2000

Honda of America Mfg Inc
Jeff McCormack
12500 MERANDA RD
ANNA, OH 453029699

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

You are hereby notified that this action by the Director is final and may be appealed to the Ohio Environmental Review Appeals Commission pursuant to Chapter 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. It must be filed within thirty (30) days after the notice of the Directors action. A copy of the appeal must be served on the Director of the Ohio Environmental Protection Agency within three (3) days of filing with the Commission. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

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

Very truly yours,

Thomas G. Rigo

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

CC: USEPA **SWDO**

Gary Cox, AGO

STATE OF OHIO ENVIRONMENTAL PROTECTION AGENCY

Permit To Install **Issue Date: 12/14/2000**
Terms and Conditions **Effective Date: 12/14/2000**

FINAL ADMINISTRATIVE MODIFICATION OF PERMIT TO INSTALL 05-08008

Application Number: **05-08008**
APS Premise Number: **0575000174**
Permit Fee: **$0**
Name of Facility: **Honda of America Mfg Inc**
Person to Contact: **Jeff McCormack**
Address: **12500 MERANDA RD**
ANNA, OH 453029699

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

Description of modification:
Modification to PTI 05-08008, issued 9/18/96, to resolve Honda permit and appeal issues (ERAC case # 803698.

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

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Director

GENERAL PERMIT CONDITIONS

TERMINATION OF PERMIT TO INSTALL

Substantial construction for installation must take place within 18 months of the effective date of this permit. 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.

NOTICE OF INSPECTION

The Director of the Ohio Environmental Protection Agency, or his authorized representatives, may enter upon the premises of the above-named applicant during construction and operation at any reasonable time for the purpose of making inspections, conducting tests, or to examine records or reports pertaining to the construction, modification or installation of the source(s) of environmental pollutants identified within this permit.

CONSTRUCTION OF NEW SOURCES

The proposed source(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 source(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 Ohio Administrative Code (OAC) Rule 3745-31-02. Furthermore, issuance of the Permit to Install does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. Approval of the plans in any case is not to be construed as an approval of the facility as constructed and/or completed. Moreover, issuance of the Permit to Install is not to be construed as a waiver of any rights that the Ohio Environmental Protection Agency (or other persons) may have against the applicant for starting construction prior to the effective date of the permit. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed facilities cannot meet applicable standards.

PERMIT TO INSTALL FEE

In accordance with Ohio Revised Code 3745.11, the specified Permit to Install fee must be remitted within 30 days of the effective date of this permit to install.

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.

APPLICABILITY

This Permit to Install is applicable only to the contaminant sources identified. Separate application must be made to the Director for the installation or modification of any other contaminant sources.

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.

PERMIT TO OPERATE APPLICATION

A Permit to Operate application must be submitted to the appropriate field office for each air contaminant source in this Permit to Install. In accordance with OAC Rule 3745-35-02, the application shall be filed no later than thirty days after commencement of operation.

SOURCE OPERATION AFTER COMPLETION OF CONSTRUCTION

This facility is permitted to operate each source described by this permit to install for a period of up to one year from the date the source commenced operation. This permission to operate is granted only if the facility complies with all requirements contained in this permit and all applicable air pollution laws and regulations.

Honda of America Mfg Inc Facility ID: **0575000174**
PTI Application: 05-08008
Modification Issued: 12/14/2000

Ohio EPA Source Number	Source Identification Number	BAT Determination	Applicable Federal & OAC Rules	Permit Allowable Mass Emissions and/or Control/Usage Requirements

AIR EMISSION SUMMARY

The air contaminant sources listed below comprise the Permit to Install for **Honda of America Mfg., Inc.** located in **Shelby** County. The sources listed below shall not exceed the emission limits/control requirements contained in the table. This condition in no way limits the applicability of any other state or federal regulations. Additionally, this condition does not limit the applicability of additional special terms and conditions of this permit.

Ohio EPA Source Number	Source Identification Description	BAT Determination	Applicable Federal & OAC Rules
P015	Core making machine #3	Use of fabric filter(s) with a designated control efficiency of 99+% and a scrubber with a designed control efficiency of 95+%	3745-31-05
P059	Core making machine #2	Use of fabric filter(s) with a designated control efficiency of 99+% and a scrubber with a designed control efficiency of 95+%	3745-31-05
P018	Rough finishing system	Use of fabric filter(s) with a designed control efficiency of 99+%	3745-31-05

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Ohio EPA Source Number	Source Identification Number	BAT Determination	Applicable Federal & OAC Rules	Permit Allowable Mass Emissions and/or Control/Usage Requirements
Permit Allowable Mass Emissions and/or Control/Usage Requirements				
1.19 lbs PM/hr and 3.56 tons PM/yr; 0.0009 lb OC/hr; and 0.0039 ton OC/yr; 1.28 lbs SO_x/hr and 3.84 tons SO_x/yr				
0.58 lb PM/hr and 1.74 tons PM/yr; 0.31 lb OC/hr and 0.93 ton OC/yr				
1.25 lbs PM/hr and 5.48 tons PM/yr				

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Ohio EPA Source Number	Source Identification Number	BAT Determination	Applicable Federal & OAC Rules	Permit Allowable Mass Emissions and/or Control/Usage Requirements

SUMMARY
TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

Pollutant	Tons/Year
Particulate Matter (PM)	10.78
PM_{10}	10.78
OC	0.9339
SO_x	3.84

WASTE DISPOSAL

The owner/operator shall comply with any applicable state and federal requirements governing the storage, treatment, transport and disposal of any waste material generated by the operation of the sources.

MAINTENANCE OF EQUIPMENT

This source and its associated air pollution control system(s) shall be maintained regularly in accordance with good engineering practices and the recommendations of the respective manufacturers in order to minimize air contaminant emissions.

MALFUNCTION/ABATEMENT

In accordance with OAC RULE 3745-15-06, any malfunction of the source(s) or associated air pollution control system(s) shall be reported immediately to the **OEPA Southwest District Office - DAPC, 401 East Fifth Street, Dayton, Ohio 45402-2911.**

Except as provided by OAC Rule 3745-15-06(A)(3), scheduled maintenance of air pollution control equipment that requires the shutdown or bypassing of air pollution control system(s) must be accompanied by the shutdown of the associated air pollution sources.

AIR POLLUTION NUISANCES PROHIBITED

The air contaminant source(s) identified in this permit may not cause a public nuisance in violation of OAC Rule 3745-15-07.

ADDITIONAL SPECIAL TERMS AND CONDITIONS

1. The pressure drop across the scrubber, which serves as the control device for emission unit P015, shall be

continuously maintained at a value of not less than 0.5 inch of water at all times while the emission unit is in operation.

2. The water flow rate for the scrubber, which serves as the control device for emission unit P015, shall be continuously maintained at a value of not less than 22 gallons per minute at all times while this emission unit is in operation; and the pH of the scrubber liquor shall be maintained at or above a pH value of 7.5.

3. The pressure drop across the baghouse (s) shall be maintained within the range of 1 to 15 inches of water while emission unit P015 is in operation.

4. The pressure drop across the scrubber, which serves as the control device for emission unit P059, shall be continuously maintained at a value of not less than 0.5 inch of water at all times while this emission unit is in operation.

5. The water flow rate for the scrubber, which serves as the control device for emission unit P059, shall be continuously maintained at a value of not less than 25 gallons per minute at all times while this emissions unit is in operation; and the pH of the scrubber liquor shall be maintained within the range of pH 1 to 4.5.

6. The pressure drop across the baghouse shall be maintained within the range of 1 to 15 inches of water while emission unit P059 is in operation.

7. Within six (6) months after the issuance of this permit, the permittee shall properly install, operate and maintain equipment to monitor the static pressure drop and pH across the scrubbers and the scrubber water flow rate while the emission unit (s) are in operation. The monitoring devices shall be maintained in accordance with the manufacturer's recommendations, instructions and operating manuals.

   The permittee shall collect and record the following information once each operating day:
   a. the pressure drop across the scrubber (s), in inches of water;
   b. the scrubber water flow rate, in gallons per minute; and
   c. the pH of the scrubber liquor.

8. 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 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 February 1, May 1, August 1, and November 1 of each year and cover the previous calendar quarters. (These quarterly reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06.)

9. Within six (6) months after the issuance of this permit, the permittee shall properly install, operate, and maintain equipment to monitor the pressure drop across the baghouse while the emission units are in operation. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual (s). The permittee shall record the pressure drop across the baghouse once each operating day.

10. The pressure drop across the baghouse shall be maintained within the range of 1 to 15 inches of water while any emissions 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 an emissions unit controlled by the baghouse is in operation.

11. Each of the two(2) Core Making Machines, identified as emission units P015 and P059, shall be limited to a maximum of 6,000 hours of operation per twelve month period.