



State of Ohio Environmental Protection Agency

P.O. Box 1049, 1800 WaterMark Dr.  
Columbus, Ohio 43266-0149

PTI # 05-3835

MAY 21 1990

Richard F. Celeste  
Governor

PN: 0546000117

Re: [REDACTED]  
Logan County  
Application No: [REDACTED]

CERTIFIED MAIL

May 16, 1990

[REDACTED]  
GREGORY W. CONN  
HONDA PARKWAY  
MARYSVILLE, OH 43040

Dear Sir:

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

You are hereby notified that this action by the Director is final and may be appealed to the Ohio Environmental Board of Review 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 with the Environmental Board of Review within thirty (30) days after notice of the Director's action. A copy of the appeal must be served on the Director of the Ohio Environmental Protection Agency and the Environmental Law Division of the Office of the Attorney General within three (3) days of filing with the Board. An appeal may be filed with the Environmental Board of Review at the following address:

Environmental Board of Review  
236 East Town Street, Room 300  
Columbus, Ohio 43215

Very truly yours,

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

cc: US EPA  
SOUTHWEST DISTRICT OFFICE, DAPC



---

## Permit to Install Terms and Conditions

---

Application No. 05-3835  
APS Premise No. 0546000117  
Permit Fee: \$3460.00

Name of Facility: HONDA OF AMERICA MFG, INC

Person to Contact: GREGORY W. CONN

Address: HONDA PARKWAY  
MARYSVILLE, OH 43040

Location of proposed source(s): 11000 STATE ROUTE 347  
EAST LIBERTY, OHIO

Description of proposed source(s):  
WATER HEATERS, SPACE HEATERS, SANDING BOOTHS, STORAGE TAN  
KS, EXTERIOR WAX COATING LINE.

Date of Issuance: May 16, 1990

Effective Date: May 16, 1990

The above named entity is hereby granted a permit to install for the above described source(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 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 and specifications, the above described source(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

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 SOURCE(S)

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 Ohio 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 prove to be inadequate or cannot meet applicable standards.

HONDA OF AMERICA MFG, INC  
Application No. 05-3835  
Page 3 of 10  
May 16, 1990

PERMIT TO INSTALL FEE

In accordance with Ohio Revised Code 3745.11, the specified Permit to Install fee must be remitted within 15 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 and a \$15 application fee 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 made at least 90 days prior to start-up of the source.

AIR EMISSION SUMMARY

The air contaminant sources listed below comprise the Permit to Install for HONDA OF AMERICA MFG, INC located in Logan 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.

HONDA OF AMERICA MFG, INC  
 Application No. 05-3835  
 Page 4 of 10  
 May 16, 1990

Ohio EPA Source Number	Source Identification/Description	BAT Determination	Applicable Federal and OAC Rules	Permit Allowable Mass Emissions and/or Control & Usage Requirements
B004	16.9 MMBH gas/oil fired water heater 4FA-LN3-G-201-04	Use of natural gas or #2 fuel oil	3745-17-10 3745-31-05	0.02 lb/MMBTU PM 0.60 TPY PM 5.54 TPY NO <sup>x</sup> 2.70 TPY CO <sup>x</sup>
B005	16.9 MMBH gas/oil fired water heater 4FA-LN3-G-201-05	Use of natural gas or #2 fuel oil	3745-17-10 3745-31-05	0.02 lb/MMBTU PM 0.60 TPY PM 5.54 TPY NO <sup>x</sup> 2.70 TPY CO <sup>x</sup>
B006	16.9 MMBH gas/oil fired water heater 4FA-LN3-G-201-06	Use of natural gas or #2 fuel oil	3745-17-10 3745-31-05	0.02 lb/MMBTU PM 0.60 TPY PM 5.54 TPY NO <sup>x</sup> 2.70 TPY CO <sup>x</sup>
B007	1.6 MMBH natural gas fired space heater 4FA-LN3-G-100	Use of natural gas	3745-17-10 3745-31-05	0.02 lb/MMBTU PM 0.10 TPY PM 0.32 TPY NO <sup>x</sup> 0.20 TPY CO <sup>x</sup>
B008	1.6 MMBH natural gas fired space heater 4FA-LN3-G-101	Use of natural gas	3745-17-10 3745-31-05	0.02 lb/MMBTU PM 0.10 TPY PM 0.32 TPY NO <sup>x</sup> 0.20 TPY CO <sup>x</sup>
B009	1.6 MMBH natural gas fired space heater 4FA-LN3-G-102	Use of natural gas	3745-17-10 3745-31-05	0.02 lb/MMBTU PM 0.10 TPY PM 0.32 TPY NO <sup>x</sup> 0.20 TPY CO <sup>x</sup>
B010	1.6 MMBH natural gas fired space heater 4FA-LN3-G-103	Use of natural gas	3745-17-10 3745-31-05	0.02 lb/MMBTU PM 0.10 TPY PM 0.32 TPY NO <sup>x</sup> 0.20 TPY CO <sup>x</sup>
B011	1.6 MMBH natural gas fired space heater 4FA-LN3-G-104	Use of natural gas	3745-17-10 3745-31-05	0.02 lb/MMBTU PM 0.10 TPY PM 0.32 TPY NO <sup>x</sup> 0.20 TPY CO <sup>x</sup>

Ohio EPA Source Number	Source Identification/Description	BAT Determination	Applicable Federal and OAC Rules	Permit Allowable Mass Emissions and/or Control & Usage Requirements
B012	1.6 MMBH natural gas fired space heater 4FA-LN3-G-105	Use of natural gas	3745-17-10 3745-31-05	0.02 lb/MMBTU PM 0.10 TPY PM 0.32 TPY NO 0.20 TPY CO <sup>x</sup>
B013	1.6 MMBH natural gas fired space heater 4FA-LN3-G-106	Use of natural gas	3745-17-10 3745-31-05	0.02 lb/MMBTU PM 0.10 TPY PM 0.32 TPY NO 0.20 TPY CO <sup>x</sup>
B014	1.6 MMBH natural gas fired space heater 4FA-LN3-G-107	Use of natural gas	3745-17-10 3745-31-05	0.02 lb/MMBTU PM 0.10 TPY PM 0.32 TPY NO 0.20 TPY CO <sup>x</sup>
B015	1.6 MMBH natural gas fired space heater 4FA-LN3-G-108	Use of natural gas	3745-17-10 3745-31-05	0.02 lb/MMBTU PM 0.10 TPY PM 0.32 TPY NO 0.20 TPY CO <sup>x</sup>
B016	1.6 MMBH natural gas fired space heater 4FA-LN3-G-109	Use of natural gas	3745-17-10 3745-31-05	0.02 lb/MMBTU PM 0.10 TPY PM 0.32 TPY NO 0.20 TPY CO <sup>x</sup>
B017	1.6 MMBH natural gas fired space heater 4FA-LN3-G-110	Use of natural gas	3745-17-10 3745-31-05	0.02 lb/MMBTU PM 0.10 TPY PM 0.32 TPY NO 0.20 TPY CO <sup>x</sup>
B018	1.6 MMBH natural gas fired space heater 4FA-LN3-G-111	Use of natural gas	3745-17-10 3745-31-05	0.02 lb/MMBTU PM 0.10 TPY PM 0.32 TPY NO 0.20 TPY CO <sup>x</sup>
B019	1.6 MMBH natural gas fired space heater 4FA-LN3-G-112	Use of natural gas	3745-17-10 3745-31-05	0.02 lb/MMBTU PM 0.10 TPY PM 0.32 TPY NO 0.20 TPY CO <sup>x</sup>

Ohio EPA Source Number	Source Identification/Description	BAT Determination	Applicable Federal and OAC Rules	Permit Allowable Mass Emissions and/or Control & Usage Requirements
B020	1.6 MMBH natural gas fired space heater 4FA-LN3-G-113	Use of natural gas	3745-17-10 3745-31-05	0.02 lb/MMBTU PM 0.10 TPY PM 0.32 TPY NO <sub>x</sub> 0.20 TPY CO <sub>x</sub>
B021	1.6 MMBH natural gas fired space heater 4FA-LN3-G-114	Use of natural gas	3745-17-10 3745-31-05	0.02 lb/MMBTU PM 0.10 TPY PM 0.32 TPY NO <sub>x</sub> 0.20 TPY CO <sub>x</sub>
B022	1.6 MMBH natural gas fired space heater 4FA-LN3-G-115	Use of natural gas	3745-17-10 3745-31-05	0.02 lb/MMBTU PM 0.10 TPY PM 0.32 TPY NO <sub>x</sub> 0.20 TPY CO <sub>x</sub>
B023	1.6 MMBH natural gas fired space heater 4FA-LN3-G-116	Use of natural gas	3745-17-10 3745-31-05	0.02 lb/MMBTU PM 0.10 TPY PM 0.32 TPY NO <sub>x</sub> 0.20 TPY CO <sub>x</sub>
B024	1.6 MMBH natural gas fired space heater 4FA-LN3-G-117	Use of natural gas	3745-17-10 3745-31-05	0.02 lb/MMBTU PM 0.10 TPY PM 0.32 TPY NO <sub>x</sub> 0.20 TPY CO <sub>x</sub>
B025	1.6 MMBH natural gas fired space heater 4FA-LN3-G-118	Use of natural gas	3745-17-10 3745-31-05	0.02 lb/MMBTU PM 0.10 TPY PM 0.32 TPY NO <sub>x</sub> 0.20 TPY CO <sub>x</sub>
B026	1.06 MMBH natural gas fired space heater 4FA-LN3-G-119	Use of natural gas	3745-17-10 3745-31-05	0.02 lb/MMBTU PM 0.10 TPY PM 0.32 TPY NO <sub>x</sub> 0.20 TPY CO <sub>x</sub>
B027	1.06 MMBH natural gas fired space heater 4FA-LN3-G-120	Use of natural gas	3745-17-10 3745-31-05	0.02 lb/MMBTU PM 0.10 TPY PM 0.32 TPY NO <sub>x</sub> 0.20 TPY CO <sub>x</sub>

Ohio EPA Source Number	Source Identification/Description	BAT Determination	Applicable Federal and OAC Rules	Permit Allowable Mass Emissions and/or Control & Usage Requirements
B028	1.06 MMBH natural gas fired space heater 4FA-LN3-G-121	Use of natural gas	3745-17-10 3745-31-05	0.02 lb/MMBTU PM 0.10 TPY PM 0.32 TPY NO 0.20 TPY CO <sup>x</sup>
B029	1.06 MMBH natural gas fired space heater 4FA-LN3-G-122	Use of natural gas	3745-17-10 3745-31-05	0.02 lb/MMBTU PM 0.10 TPY PM 0.32 TPY NO 0.20 TPY CO <sup>x</sup>
B030	1.06 MMBH natural gas fired space heater 4FA-LN3-G-123	Use of natural gas	3745-17-10 3745-31-05	0.02 lb/MMBTU PM 0.10 TPY PM 0.32 TPY NO 0.20 TPY CO <sup>x</sup>
B031	1.06 MMBH natural gas fired space heater 4FA-LN3-G-124	Use of natural gas	3745-17-10 3745-31-05	0.02 lb/MMBTU PM 0.10 TPY PM 0.32 TPY NO 0.20 TPY CO <sup>x</sup>
B032	2.3 MMBH natural gas fired space heater 4FA-LN3-G-125	Use of natural gas	3745-17-10 3745-31-05	0.02 lb/MMBTU PM 0.10 TPY PM 0.32 TPY NO 0.20 TPY CO <sup>x</sup>
K016	Exterior wax coating line 4PA-LN3-P-450	Coating VOC content of less than 6.00 lb VOC gal/coating	3745-21-09 3745-31-05	37.4 TPY VOC
P016	Topcoat sanding 4PA-LN3-P-415	Fabric filter	3745-17-11	0.60 TPY PM
P017	Guide coat sanding 4PA-LN3-P-432B	Fabric filter	3745-17-11	0.30 TPY PM
T011	4,000 gal. cleaning solvent storage tank LN3-T-702	Submerged fill	3745-31-05	0.25 TPY OC

Ohio EPA Source Number	Source Identification/Description	BAT Determination	Applicable Federal and OAC Rules	Permit Allowable Mass Emissions and/or Control & Usage Requirements
T012	4,000 gal. cleaning solvent (spent) storage tank LN3-T-703	Submerged fill 31-03(A)(1)(L)(iv)	3745-31-05	0.25 TPY OC
T013	1,000 gal. #2 fuel oil storage tank LN3-T-112	Submerged fill 31-03(A)(1)(L)(iv)	3745-31-05	0.25 TPY OC
T014	50,000 gal #2 fuel oil storage tank LN3-T-113	Submerged fill <i>de minimis?</i> 31-03(A)(1)(L)(vi)	3745-31-05 NSPS Subpart Kb	0.25 TPY OC

*RVP = 100%  
 worst case*

**SUMMARY**

**TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS**

<u>Pollutant</u>	<u>Tons/Year</u>
Particulate matter	1.80
Organic compounds	38.4
Nitrogen oxides	24.94
Carbon monoxides	13.30

The SO<sub>2</sub> emissions from oil usage have been included with PTI 05-2865.

**REPORTING REQUIREMENTS**

Unless otherwise specified, reports required by the Permit to Install need only be submitted to Southwest District Office, 40 South Main Street, Dayton, Ohio 45402.

**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.

HONDA OF AMERICA MFG, INC  
Application No. 05-3835  
Page 9 of 10  
May 16, 1990

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 Southwest District Office, 40 South Main Street, Dayton, Ohio 45402.

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.

ADDITIONAL SPECIAL TERMS AND CONDITIONS

1. The Topcoat sanding (P016) and Guidecoat sanding (P017) booths shall be controlled by baghouse control systems. Particulate emissions from these sources shall not exceed 0.60 tons per year for source P016 and 0.30 tons per year for source P017.
2. Sources B004, B005 and B006, in combination with sources B001, B002 and B003 of PTI 05-2865 shall not exceed one million gallons annual usage of number 2 fuel oil on a rolling monthly average. The SO<sub>2</sub> emissions from these boilers have been included with the emissions in PTI 05-2865. The number 2 fuel oil shall be used as a back-up fuel with annual usage not to exceed one million gallons based on a rolling monthly average. The sulfur content of the fuel oil shall not exceed 0.5%. If Honda of America Mfg., Inc. does utilize fuel oil in the boilers, Honda shall maintain records of monthly fuel oil usage at the plant.
3. The emission of organic compounds from the Exterior wax coating line (K016) shall not exceed 6.00 pounds VOC per gallon of coating, excluding water, and 37.4 tons per year.
4. Honda of America Mfg., Inc. shall maintain monthly records which detail the following information for the exterior wax coating line (K016):
  - a. an identification of each coating employed;
  - b. VOC content, pounds VOC per gallon of coating, minus water, of each coating;
  - c. quantity of each coating (in gallons) employed;
  - d. quantity and density of each clean-up material utilized on the line; and
  - e. actual organic compound emissions.

On a monthly basis Honda of America Mfg., Inc. shall submit reports which summarize the above information. These reports shall be submitted to the Ohio EPA within 10 days of the end of each month and shall cover the previous calendar month.