

1

Facility Name: **Honda of America**

Application Number: **01-7446**

Date: **August 26, 1998**

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

2

Facility Name: **Honda of America**

Application Number: **01-7446**

Date: **August 26, 1998**

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

3

Facility Name: **Honda of America**

Application Number: **01-7446**

Date: **August 26, 1998**

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.

4

Facility Name: **Honda of America**

Application Number: **01-7446**

Date: **August 26, 1998**

5

Facility Name: **Honda of America**

Application Number: **01-7446**

Date: **August 26, 1998**

<u>Ohio EPA Source Number</u>	<u>Source Identification Number</u>	<u>BAT Determination</u>	<u>Applicable Federal & OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
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AIR EMISSION SUMMARY

The air contaminant emissions units listed below comprise the Permit to Install for **Honda of America** located in **Union** County. The emissions units 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.

<u>Ohio EPA Source Number</u>	<u>Source Identification Description</u>
B417	53 MM Btu natural gas fired boiler (temporary)

B417 (Cont)

Facility Name: **Honda of America**
 Application Number: **01-7446**
 Date: **August 26, 1998**

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

Compliance
 with permitted
 emission
 limits and
 applicable
 rules. Use of
 only
 natural gas.
 Use of low No_x
 burners.

Facility Name: **Honda of America**
 Application Number: **01-7446**
 Date: **August 26, 1998**

<u>Ohio EPA Source Number</u>	<u>Source Identification Number</u>	<u>BAT Determination</u>	<u>Applicable Federal & OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
		40 CFR 60 Subpart Dc		
	<u>Applicable Federal & OAC Rules</u>		<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>	This Subpart does not specify emission limits for natural gas fired boilers
3745-17-10 (B) (1)			0.02 pound particulate emissions/MMBtu actual heat input	
3745-31-05			0.74 lb. PM/hr 3.25 tons PM/yr. 0.03 lb. SO ₂ /hr. 0.14 tons SO ₂ /yr. 0.31 lb. OC/hr. 1.40 tons OC/yr. 4.40 lbs. NO _x /hr. 19.27 tons NO _x /yr. 3.2 lbs. CO/hr. 14.2 tons CO/yr.	
3745-17-07 (A) (1)			Visible particulate emissions shall not exceed 20 percent opacity as a six-minute average, except as provided by rule	

Facility Name: **Honda of America**
 Application Number: **01-7446**
 Date: **August 26, 1998**

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

TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

<u>Pollutant</u>	<u>Tons/Year</u>
PM	3.25
No _x	19.27
CO	14.20
OC	1.40
SO ₂	0.14

This is not an increase in emissions; this temporary boiler is taking the place of the 53 MM Btu temporary boiler permitted in PTI #01-6842 (issued 8/27/97), which was returned to the manufacturer after the winter of 97/98. This temporary boiler is being used until the 48.6 MM Btu/hour boiler permitted in PTI #01-7350 (issued 4/22/98) can be purchased and installed and/or, if necessary, replaced by another temporary boiler, until B415 is installed.

NSPS REQUIREMENTS

The following sources are subject to the applicable provisions of the New Source Performance Standards (NSPS) as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60.

<u>Source Number</u>	<u>Source Description</u>	<u>NSPS Regulation (Subpart)</u>
B417	53 MM Btu natural gas fired boiler	Dc

9

Facility Name: **Honda of America**

Application Number: **01-7446**

Date: **August 26, 1998**

The application and enforcement of these standards are delegated to the Ohio EPA. The requirements of 40 CFR Part 60 are also federally enforceable.

Pursuant to the NSPS, the source owner/operator is hereby advised of the requirement to report the following at the appropriate times:

- a. construction date (no later than 30 days after such date);
- b. anticipated start-up date (not more than 60 days or less than 30 days prior to such date);
- c. actual start-up date (within 15 days after such date); and
- d. date of performance testing (If required, at least 30 days prior to testing).

Reports are to be sent to:

Ohio Environmental Protection Agency
DAPC - Permit Management Unit
P.O. Box 163669
Columbus, OH 43216-3669

and **Ohio EPA Central District Office**
3232 Alum Creek Drive
Columbus, Ohio 43207-3417

RECORD(S) RETENTION AND AVAILABILITY

All records required by this Permit to Install shall be retained on file for a period of not less than three years unless otherwise indicated by Ohio Environmental Protection Agency. All records shall be made available to the Director, or any representative of the Director, for review during normal business hours.

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.

10

Facility Name: **Honda of America**

Application Number: **01-7446**

Date: **August 26, 1998**

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 **Ohio EPA Central District Office, 3232 Alum Creek Drive, Columbus, Ohio 43207-3417.**

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.

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.

ADDITIONAL SPECIAL TERMS AND CONDITIONS

A. Operational Restrictions

This temporary boiler, B417, shall only be fired with natural gas and will be installed with low nitrogen oxide burners. This boiler shall be replaced with the 48.6 MM Btu/hour boiler, EPA source number B415, which is permitted in PTI # 01-7350, but which has not yet been installed; or, if necessary, by another temporary boiler, until B415 is purchased and installed.

B. Monitoring and Record Keeping Requirements

Facility Name: **Honda of America**

Application Number: **01-7446**

Date: **August 26, 1998**

The permittee shall record and maintain daily records of the amount of natural gas combusted during each day for B417, as required by 40 CFR 60 Subpart Dc. These records shall be maintained for a period of two years following the date of the record. No reporting requirements are associated with these daily records, unless the records are not maintained as required.

C. Reporting Requirements

The permittee shall submit deviation reports to the Central District Office, if on any day, records are not maintained on the amount of natural gas combusted. This report shall be sent to the Central District Office within 30 days following the day(s) in which any record(s) was (were) not maintained. This report shall include any corrective actions that were taken to maintain compliance. If daily records are maintained as per 40 CFR 60 Subpart Dc, no report is required.

D. Testing Methods

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

1. Emission Limitation:

Particulate emissions shall not exceed 0.02 pound per million Btu (MM Btu) of actual heat input.

Applicable Compliance Method:

Compliance with the emission limitation of 0.02 pound of particulate matter per million Btu of actual heat input shall be demonstrated through a one-time calculation of these emissions. Compliance shall be determined by multiplying the maximum hourly gas burning capacity of the emissions unit B417 (53,000 ft³/hr) by the AP-42 emission factor for filterable PM in natural gas combustion (6.2 lbs/MM ft³), and dividing by the maximum hourly heat input capacity of the emissions unit (53 MM BTU/hr).

12

Facility Name: **Honda of America**

Application Number: **01-7446**

Date: **August 26, 1998**

$$53,000\text{ft}^3/\text{hr.} \times 6.2 \text{ lb PM}/10^6 \text{ ft}^3 \times 1\text{hr.}/53 \text{ MM Btu.} = \\ 0.0062 \text{ lb. PM}/\text{MM Btu}$$

2. Emission Limitation

20% opacity, as a 6-minute average, except as provided by rule

Applicable Compliance Method:

Compliance shall be demonstrated by the method specified in OAC rule 3745-17-03(B) (1)

3. Emission limitation:

0.74 lbs. PM/hr.
3.25 tons PM/yr
4.40 lbs. NOx/hr.
19.27 tons NOx/yr.
0.03 lbs. SO2/hr.
0.14 tons SO2/yr.
3.20 lbs. CO/hr.
14.2 tons CO/yr.
0.31 lbs. OC/hr.
1.40 tons OC/yr.

Applicable Compliance Method:

These limits represent the maximum capacity of the boiler. These emission limitations were determined by multiplying the natural gas usage (MM ft³) by the AP-42 emission factor of each pollutant (lbs./MM ft³). Since these limits represent the maximum capacity of the equipment, no additional compliance determination is required.

E. Miscellaneous Conditions

The term entitled "Permit to Operate Application" shall be satisfied by adding this source (unless B415 has already replaced B417), through an update, to the Title V application which has already been submitted.

The terms and conditions contained in this permit shall supersede the terms and conditions contained in the permits to

13

Facility Name: **Honda of America**

Application Number: **01-7446**

Date: **August 26, 1998**

install numbered 01-6842 (dated 8/27/97) and 01-6650 (dated 11/14/96) issued for two previous 53 MMBtu temporary boiler units, both assigned source number B414.