



State of Ohio Environmental Protection Agency

Street Address:

Mailing Address:

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

Lazarus Gov.  
Center

RE: **FINAL PERMIT TO INSTALL MODIFICATION** CERTIFIED MAIL  
TRUMBULL COUNTY  
Application No: 02-07388

DATE: 10/5/2000

Delphi Packard Electric Systems  
Jon Hunter  
PO Box 431 Station 10B  
Warren, OH 444860001

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, Manager  
Field Operations and Permit Section  
Division of Air Pollution Control

CC: USEPA

NEDO

M-TAPC



**Permit To Install  
Terms and Conditions**

**Issue Date: 10/5/2000  
Effective Date: 10/5/2000**

FINAL ADMINISTRATIVE MODIFICATION OF PERMIT TO INSTALL 02-07388

Application Number: **02-07388**  
APS Premise Number: **0278080051**  
Permit Fee: **\$0**  
Name of Facility: **Delphi Packard Electric Systems**  
Person to Contact: **Jon Hunter**  
Address: **PO Box 431 Station 10B  
Warren, OH 444860001**

Location of proposed air contaminant source(s) [emissions unit(s)]:  
**4551 Research Pkwy NW  
Warren, OHIO**

Description of modification:  
**Modification of PTI 02-7388, issued 6/9/93, to reflect a change in AP-42 emission factors from 1993 edition to 1998 edition for low NOx gas only fired boiler.**

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

**Delphi Packard Electric Systems**  
**PTI Application: 02-07388**  
**Modification Issued: 10/5/2000**

Facility ID: **0278080051**

## **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.

**Delphi Packard Electric Systems**

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**PTI Application: 02-07388**

**Modification Issued: 10/5/2000**

### **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.

**Delphi Packard Electric Systems**  
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#### **AIR EMISSION SUMMARY**

The air contaminant emissions units listed below comprise the Permit to Install for **Delphi Packard Electric Systems** located in **TRUMBULL** 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>	<u>BAT Determination</u>	<u>Applicable Federal &amp; OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
B006	Tampella Power Natural Gas Fired Boiler Rated at 36.3 MMBTU/Hr (Boiler 4A)	Use of Natural Gas as fuel; Low NO <sub>x</sub> Burner TSP: 0.02 lb/MMBTU; NO <sub>x</sub> : 0.10 lb/MMBTU; CO: 0.10 lb/MMBTU	3745-31-05 3745-17-07 3745-17-10 3745-15-07 40 CFR Part 60 Subpart Dc	TSP: 0.02 lb/MMBTU with No visible emissions to exceed 5% Opacity; NO <sub>x</sub> : 0.10 lb/MMBTU CO; 0.10 lb/MMBTU
B007	Tampella Power Natural Gas Fired Boiler Rated at 36.3 MMBTU/Hr (Boiler 4B)	Use of Natural Gas as fuel; Low NO <sub>x</sub> Burner TSP: 0.02 lb/MMBTU; NO <sub>x</sub> : 0.10 lb/MMBTU; CO: 0.10 lb/MMBTU	3745-31-05 3745-17-07 3745-17-10 3745-15-07 40 CFR Part 60 Subpart Dc	TSP: 0.02 lb/MMBTU with No visible emissions to exceed 5% Opacity; NO <sub>x</sub> : 0.10 lb/MMBTU; CO: 0.10 lb/MMBTU

#### **SUMMARY**

#### **TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS**

<u>Pollutant</u>	<u>Tons/Year</u>
TSP	6.4
CO	31.8
NO <sub>x</sub>	31.8

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**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.

<b><u>Source Number</u></b>	<b><u>Source Description</u></b>	<b><u>NSPS Regulation (Subpart)</u></b>
B006	36.3 MMBTU/Hr Natural Gas Fired Boiler	Dc
B007	36.3 MMBTU/Hr Natural Gas Fired Boiler	Dc

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:

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

Reports are to be sent to:

Ohio Environmental Protection Agency  
 Permit Management Unit  
 P.O. Box 1049  
 Columbus, OH 43216-1049

and

Ohio EPA, NEDO  
 Air Pollution Group  
 2110 East Aurora Road  
 Twinsburg, OH 44087

**RECORD(S) RETENTION AND AVAILABILITY**

**Delphi Packard Electric Systems**  
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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.

### **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 **NEDO**.

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**

In accordance with paragraph 40 CFR Part 60.48c (g), Delphi Packard Electric Systems shall record and maintain records on the amount of natural gas combusted in sources B006 and B007 during each day.