



State of Ohio Environmental Protection Agency

Street Address:

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Lazarus Gov.  
Center

RE: **FINAL PERMIT TO INSTALL MODIFICATION** CERTIFIED MAIL  
MONTGOMERY COUNTY  
Application No: 08-03509

DATE: 3/15/2001

Delphi Chassis Systems - Needmore  
John Magary  
3100 Needmore Road-D-112C  
Dayton, OH 45401

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

RAPCA



**Permit To Install  
Terms and Conditions**

**Issue Date: 3/15/2001  
Effective Date: 3/15/2001**

FINAL ADMINISTRATIVE MODIFICATION OF PERMIT TO INSTALL 08-03509

Application Number: **08-03509**  
APS Premise Number: **0857040018**  
Permit Fee: **\$300**  
Name of Facility: **Delphi Chassis Systems - Needmore Magary**  
Person to Contact: **John**  
Address: **3100 Needmore Road-D-112C  
Dayton, OH 45401**

Location of proposed air contaminant source(s) [emissions unit(s)]:  
**3100 Needmore Rd  
Dayton, OHIO**

Description of modification:  
**3 disc brake lining cells (administrative modification to PTI 08-03509 issued June 19, 1996.**

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 Chassis Systems - Needmore**  
**PTI Application: 08-03509**  
**Modification Issued: 3/15/2001**

Facility ID: **0857040018**

### **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**

**Delphi Chassis Systems - Needmore**  
**PTI Application: 08-03509**  
**Modification Issued: 3/15/2001**

Facility ID: **0857040018**

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 AND OPERATION AFTER COMPLETION OF CONSTRUCTION**

If the permittee is required to apply for a Title V permit 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. However, if the proposed new or modified source(s) would be prohibited by the terms and conditions of an existing Title V permit, a Title V permit modification must be obtained before the operation of such new or modified source(s) pursuant to OAC rule 3745-77-04(D) and OAC rule 3745-77-08(C)(3)(d).

If the permittee is required to apply for permit(s) pursuant to OAC Chapter 3745-35, the source(s) identified in this Permit To Install is (are) permitted to operate for a period of up to one year from the date the source(s) commenced operation. Permission to operate is granted only if the facility complies with all requirements contained in this permit and all applicable air pollution laws, regulations, and policies. Pursuant to OAC Chapter 3745-35, the permittee shall submit a complete operating permit application within thirty (30) days after commencing operation of the source(s) covered by this permit.

### **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.

**Delphi Chassis Systems - Needmore**  
**PTI Application: 08-03509**  
**Modification Issued: 3/15/2001**

Facility ID: **0857040018**

**Delphi Chassis Systems - Needmore**  
**PTI Application: 08-03509**  
**Modification Issued: 3/15/2001**

Facility ID: **0857040018**

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

**AIR EMISSION SUMMARY**

The air contaminant sources listed below comprise the Permit to Install for **Delphi Chassis Systems - Needmore** located in **MONTGOMERY** 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.

| <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>                  |
|-------------------------------|--|--------------------------|---|---|
| P096                          | NAO disc brake lining cell #2            | ***                      | 3745-31-05<br>3745-17-07<br>3745-17-11<br>3745-21-07(G) | 0.10 lb/hr and 0.5 TPY PM;<br>5% opacity ***,<br>3.0 lbs/hr;<br>15 lbs/day<br>2.75 TPY OC |
| P097                          | NAO disc brake lining cell #3            | *                        | 3745-31-05<br>3745-17-07<br>3745-17-11<br>3745-21-07(G) | 0.10 lb/hr and 0.5 TPY PM;<br>5% opacity ***,<br>3.0 lbs/hr;<br>15 lbs/day<br>2.75 TPY OC |
| P098                          | NAO disc brake lining cell #4            | ***                      | 3745-31-05<br>3745-17-07<br>3745-17-11<br>3745-21-07(G) | 0.10 lb/hr and 0.5 TPY PM;<br>5% opacity ***,<br>3.0 lbs/hr;<br>15 lbs/day<br>2.75 TPY OC |

**Delphi Chassis Systems - Needmore**  
**PTI Application: 08-03509**  
**Modification Issued: 3/15/2001**

Facility ID: **0857040018**

\* Compliance with applicable OAC rules and specified allowable emission rates through the application of a fabric filter common to P093, P094, P095, and P097, 5% opacity; recordkeeping.

\*\* The 5% opacity limit applies to the common egress point of the fabric filter shared by sources P093, P094, P095, and P097.

\*\*\* Compliance with applicable OAC rules and specified allowable emission rates through the application of a fabric filter common to P096 and P098; 5% opacity; recordkeeping. The 5% opacity limit applies to the common egress point of the fabric filter shared by P096 and P098.

**SUMMARY**  
**TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS**

| <u>Pollutant</u>   | <u>Tons/Year</u> |
|--------------------|------------------|
| Particulate Matter | 1.50             |
| Organic Compounds  | 8.25             |

**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.

**REPORTING REQUIREMENTS**

Unless otherwise specified, reports required by the Permit to Install need only be submitted to Regional Air Pollution Control, 451 West Third Street, Dayton, Ohio 45422.

**WASTE DISPOSAL**

**Delphi Chassis Systems - Needmore**  
**PTI Application: 08-03509**  
**Modification Issued: 3/15/2001**

Facility ID: **0857040018**

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 Regional Air Pollution Control, 451 West Third Street, Dayton, Ohio 45422.

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.

### **NINETY DAY OPERATING PERIOD**

The facility will be permitted to operate during a 90-day period in accordance with OAC Rule 3745-35-02(C)(4)(b). The purpose of this period of operation is to fulfill the performance tests conditions used in the determination of compliance with the provisions of this Permit to Install or other applicable Ohio EPA rules.

### **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

1. The particulate emissions from emission units P093, P094, P095 (reference PTI No. 08-3319), and P097 shall be controlled through the application of a common fabric filter. The particulate emissions from emissions units P096 and P098 shall be controlled through the application of a common fabric filter.
2. The 5% visible emission opacity limit applies to the common egress point of the fabric filter shared by the above mentioned emission units.
3. The pressure drop across the fabric filter shall be maintained within 1.0 to 5.0 inches of water while the emissions units are in operation.

B. Monitoring and/or Recordkeeping Requirements

1. This facility shall properly install, operate and maintain equipment to monitor the pressure drop across the fabric filter while the emissions 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 fabric filter on a daily basis.
2. This facility shall maintain monthly records of the amount of dry material employed in each emission unit P096, P097 and P098.

C. Reporting Requirements

1. This facility shall submit pressure drop deviation (excursion) reports to the Regional Air Pollution Control Agency that identify all periods of time during which the pressure drop across the fabric filter did not comply with the allowable rate specified above. These reports shall be made in writing within 30 days of the episode.

D. Preventive Maintenance and Malfunction Abatement Plan (PM & MAP)

The owner and/or operator of this facility shall implement a PM & MAP for emission units P096, P097 and P098 and the associated emission control system.

The PM & MAP shall be in writing and shall be submitted to the Regional Air Pollution Control Agency in conjunction with the subsequent permit to operate application. Further detail regarding the PM & MAP may be provided after startup if necessary.

Specifically, the PM & MAP shall include:

- a. routine fabric filter inspections to prevent failures; and,

**Delphi Chassis Systems - Needmore**  
**PTI Application: 08-03509**  
**Modification Issued: 3/15/2001**

Facility ID: **0857040018**

- b. maintenance of a replacement bag inventory of not less than 20 new bags.