



State of Ohio Environmental Protection Agency

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Lazarus Gov.
Center

RE: **FINAL PERMIT TO INSTALL MODIFICATION** CERTIFIED MAIL
DEFIANCE COUNTY
Application No: 03-10979

DATE: 6/19/2003

GM Powertrain Group, Defiance Plant
William Schlatter
26437 St Rte 281 E
Defiance, OH 43512-0070

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
309 South Fourth Street, Room 222
Columbus, Ohio 43215

Sincerely

A handwritten signature in cursive script that reads "Michael W. Ahern".

Michael W. Ahern, Supervisor
Field Operations and Permit Section
Division of Air Pollution Control

CC: USEPA

NWDO



**Permit To Install
Terms and Conditions**

**Issue Date: 6/19/2003
Effective Date: 6/19/2003**

FINAL ADMINISTRATIVE MODIFICATION OF PERMIT TO INSTALL 03-10979

Application Number: **03-10979**
APS Premise Number: **0320010001**
Permit Fee: **\$0**
Name of Facility: **GM Powertrain Group, Defiance Plant**
Person to Contact: **William Schlatter**
Address: **26437 St Rte 281 E
Defiance, OH 43512-0070**

Location of proposed air contaminant source(s) [emissions unit(s)]:
**26427 St Rte 281 E
Defiance, OHIO**

Description of modification:
metal separation processing operations and storage piles.

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

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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.

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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 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 ninety (90) 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.

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<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 **GM Powertrain Group, Defiance Plant** located in **DEFIANCE** 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.

truck loading operations.

<u>Ohio EPA Source Number</u>	<u>Source Identification Description</u>	<u>BAT Determination</u>	<u>Applicable Federal & OAC Rules</u>
F004	Metal separation and exempt waste storage piles	Watering as needed, and compliance with the terms and conditions of this permit.	3745-31-05
			3745-17-08 (B)
			3745-17-07 (B)
F005	Magnetic metal separation, screening, conveying and truck loading- core waste crushing, screening, and	Watering as needed, and compliance with the terms and conditions of this permit.	3745-31-05
			3745-17-08

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Ohio EPA Source <u>Number</u>	Source Identification <u>Number</u>	BAT <u>Determination</u>	Applicable Federal & <u>OAC Rules</u>	Permit Allowable Mass Emissions and/or Control/Usage <u>Requirements</u>
(B)		minute average		
3745-17- 07 (B)	Permit Allowable Mass Emissions and/or Control/Usage <u>Requirements</u>			5.63 TPY PM; 0 percent opacity except for a period of time not to exceed 13 minutes during any 60-minute observation period from the storage piles.
				*
				*
	7.51 TPY; opacity restrictions (See Additional Special Terms and Conditions)			*
				* and 20 percent opacity as a three

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* The emission limitation (s)/opacity restrictions established by these rules are less stringent than those established by OAC rule 3745-31-05(BAT).

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SUMMARY
TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

<u>Pollutant</u>	<u>Tons/Year</u>
PM**	13.14

** All PM emissions are assumed to be PM₁₀.

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 **Northwest District Office - DAPC, 347 North Dunbridge Road, Bowling Green, Ohio 43402.**

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 **Northwest District Office- DAPC, 347 North Dunbridge Road, Bowling Green, Ohio 43402.**

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

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of the associated air pollution sources.

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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. Introduction

This permit to install (PTI) will allow for the installation of a metal salvage operation and storage piles, Ohio EPA emissions units F004 and F005.

B. Applicable Emission Limitations and/or Control Requirements

1. Visible PM emissions from emission unit F004 and F005 shall not exceed the following opacity restrictions:
 - a. From transfer points on belt conveyors, crushing, screening and magnetic separating operations,

10 percent opacity as a 6 minute average;
 - b. Truck loading, front end loading, truck loading and conveyor discharge to storage piles

20 percent opacity as a 3 minute average; and,
 - c. Conveyor to pile

20 percent opacity as a 3 minute average.

C. Operational Restrictions

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1. None.

D. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain yearly records of the tons of material processed in emissions unit F004 and F005.

E. Reporting Requirements

1. The compliance status of the emissions unit shall be reported pursuant to the annual certification required by OAC rule 3745-77-07 (C)(5).
2. The actual annual emissions data for the emissions unit shall be reported pursuant to the fee emissions report required by OAC rule 3745-78-02(A).

F. Testing Requirements/Compliance method Determinations

1. Compliance Methods Requirements: Compliance with the emission limitation (s) found in the "Air Emissions Summary" of this permit shall be determined in accordance with the following method(s):
 - a. Emission Limitation for Emission Unit's F004

5.63 TPY PM

Applicable Compliance Method

Compliance with the TPY PM emissions limit shall be determined using calculations based on AP42 emissions factor, 5th Edition, Table 13.2.4-3 and US EPA's "Handbook for Dust Control at Hazardous Waste Sites" (Page 4-2).
 - b. Emission Limitation for Emission Unit's F005

7.51 TPY PM

Applicable Compliance Method

Compliance with the TPY PM emissions limit shall be determined using calculations based on AP42 emissions factor, 5th Edition, Table 13.2.4-3 and Ohio EPA's RACM Table 2.18-1.

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c. Emission Limitation for Emission Unit's F004

No visible particulate emissions except for a period of time not to exceed 13 minutes during any sixty-minute observation period from storage piles.

Applicable Compliance Method

Compliance with visible particulate of fugitive dust shall be determined according to test method twenty-two as set forth in the "Appendix on Test Methods" in 40 CFR, Part 60, "Standards of Performance for New Stationary Sources" as such appendix existed on July 1, 1990.

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d. Emission Limitation for Emission Units F004 and F005

From transfer points on belt conveyors, crushing, screening and magnetic separating operations.

10 percent opacity as a 6 minute average.

Applicable Compliance Method

Compliance with the visible particulate emissions of fugitive dust shall be determined according to test method nine as set forth in the "Appendix on Test Methods" in 40 CFR, Part 60, "Standards of Performance for New Stationary Sources".

e. Emission Limitation for Emission Units F004 and F005

Truck loading, front end loading, truck loading and conveyor discharge to storage piles.

20 percent opacity as a 3 minute average.

Conveyor to pile

20 percent opacity as a 3 minute average.

Applicable Compliance Method

OAC rule 3745-17-03 (B)(3).

G. Miscellaneous Requirements

1. None.