



TO: Interested Parties / Applicant

RE: Altec Industries / 097-21439-00256

FROM: Felicia A. Robinson
Administrator

Notice of Decision: Approval - Effective Immediately

Please be advised that on behalf of the Commissioner of the Department of Environmental Management, I have issued a decision regarding the enclosed matter. Pursuant to IC 13-15-5-3, this permit is effective immediately, unless a petition for stay of effectiveness is filed and granted according to IC 13-15-6-3, and may be revoked or modified in accordance with the provisions of IC 13-15-7-1.

If you wish to challenge this decision, IC 4-21.5-3 and IC 13-15-6-1 require that you file a petition for administrative review. This petition may include a request for stay of effectiveness and must be submitted to the Office of Environmental Adjudication, 100 North Senate Avenue, Government Center North, Room 1049, Indianapolis, IN 46204, **within fifteen (15) calendar days of the receipt of this notice**. The filing of a petition for administrative review is complete on the earliest of the following dates that apply to the filing:

- (1) the date the document is delivered to the Office of Environmental Adjudication (OEA);
- (2) the date of the postmark on the envelope containing the document, if the document is mailed to OEA by U.S. mail; or
- (3) The date on which the document is deposited with a private carrier, as shown by receipt issued by the carrier, if the document is sent to the OEA by private carrier.

The petition must include facts demonstrating that you are either the applicant, a person aggrieved or adversely affected by the decision or otherwise entitled to review by law. Please identify the permit, decision, or other order for which you seek review by permit number, name of the applicant, location, date of this notice and all of the following:

- (1) the name and address of the person making the request;
- (2) the interest of the person making the request;
- (3) identification of any persons represented by the person making the request;
- (4) the reasons, with particularity, for the request;
- (5) the issues, with particularity, proposed for considerations at any hearing; and
- (6) identification of the terms and conditions which, in the judgment of the person making the request, would be appropriate in the case in question to satisfy the requirements of the law governing documents of the type issued by the Commissioner.

If you have technical questions regarding the enclosed documents, please contact the Indianapolis Office of Environmental Services, Air Permits at (317) 327-2234.

Enclosures



Department of Public Works
Office of Environmental Services

2700 Belmont Avenue
Indianapolis, IN 46221

317-327-2234
Fax 327-2274
TDD 327-5186
indygov.org/dpw



MINOR SOURCE OPERATING PERMIT RENEWAL
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
and
CITY OF INDIANAPOLIS
OFFICE OF ENVIRONMENTAL SERVICES

Altec Industries, Inc.
5201 West 84th Street
Indianapolis, Indiana 46268

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the emission units described in Section A (Source Summary) of this permit.

This permit is issued to the above mentioned company under the provisions of 326 IAC 2-1.1, 326 IAC 2-6.1 and 40 CFR 52.780, with conditions listed on the attached pages.

Indiana statutes from IC 13 and rules from 326 IAC, quoted in conditions in this permit, are those applicable at the time the permit was issued. The issuance or possession of this permit shall not alone constitute a defense against an alleged violation of any law, regulation or standard, except for the requirement to obtain a MSOP under 326 IAC 2-6.1.

Operation Permit No.: M097-21439-00256	
Issued by:	Issuance Date: July 11, 2006
Felicia A. Robinson Administrator Office of Environmental Services	Expiration Date: July 10, 2011



Air Quality Hotline: 317-327-4AIR | knozone.com

Department of Public Works
Office of Environmental Services

2700 Belmont Avenue
 Indianapolis, IN 46221

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SECTION A SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ) and City of Indianapolis, Office of Environmental Services (OES). The information describing the source contained in conditions A.1 and A.2 is descriptive information and does not constitute enforceable conditions. However, the Permittee should be aware that a physical change or a change in the method of operation that may render this descriptive information obsolete or inaccurate may trigger requirements for the Permittee to obtain additional permits or seek modification of this permit pursuant to 326 IAC 2, or change other applicable requirements presented in the permit application.

A.1 General Information [326 IAC 2-5.1-3(c)] [326 IAC 2-6.1-4(a)]

The Permittee owns and operates a stationary metal utility truck painting operation.

Authorized Individual:	Plant Manager
Source Address:	5201 West 84 th Street, Indianapolis, Indiana 46268
Mailing Address:	5201 West 84 th Street, Indianapolis, Indiana 46268
General Source Phone:	(317) 872-3460
SIC Code:	3713
County Location:	Marion
Source Location Status:	Nonattainment area for PM2.5 and 8-hour ozone standard Attainment area for all other criteria pollutants
Source Status:	Minor Source Operating Permit Minor Source, under PSD and Emission Offset Rules Minor Source, Section 112 of the Clean Air Act Not in 1 of 28 Source Categories

A.2 Emissions Units and Pollution Control Equipment Summary

This stationary source is approved to operate the following emissions units and pollution control devices:

- (a) One (1) paint booth, identified as PB-01, used to paint metal utility trucks with a maximum throughput capacity of 0.125 utility trucks per hour. The booth is equipped with air atomization spray guns and particulate emissions are controlled by dry filters, which exhaust to stack 01. PB-01 was constructed in 1991.
- (b) One (1) paint booth, identified as PB-02, used to paint metal utility trucks with a maximum throughput capacity of 0.125 utility trucks per hour. The booth is equipped with air atomization spray guns and particulate emissions are controlled by dry filters, which exhaust to stack 02. PB-02 was constructed in 1993.
- (c) One (1) paint booth, identified as PB-03, used to paint metal utility trucks with a maximum throughput capacity of 0.125 utility trucks per hour. The booth is equipped with air atomization spray guns and particulate emissions are controlled by dry filters, which exhaust to stack 03. PB-03 was constructed in 2000.
- (d) Two (2) natural gas-fired air-makeup heaters each rated at a maximum heat input capacity of 3.112 MMBtu/hour. These units were constructed in 2000.

SECTION B GENERAL CONDITIONS

THIS SECTION OF THE PERMIT IS BEING ISSUED UNDER THE PROVISIONS OF 326 IAC 2-1.1 AND 40 CFR 52.780, WITH CONDITIONS LISTED BELOW.

B.1 Definitions [326 IAC 2-1.1-1]

Terms in this permit shall have the definition assigned to such terms in the referenced regulation. In the absence of definitions in the referenced regulation, the applicable definitions found in the statutes or regulations IC 13-11, 326 IAC 1-2, and 326 IAC 2-1.1-1 shall prevail.

B.2 Permit Term [326 IAC 2-6.1-7(a)][326 IAC 2-1.1-9.5] [IC13-15-3-6(a)]

- (a) This permit, 097-21439-00256, is issued for a fixed term of five (5) years from the issuance date of this permit, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3. Subsequent revisions, modifications, or amendments of this permit do not affect the expiration date of this permit.
- (b) If IDEM, OAQ and OES, upon receiving a timely and complete renewal permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect until the renewal permit has been issued or denied.

B.3 Term of Conditions [326 IAC 2-1.1-9.5]

Notwithstanding the permit term of a permit to construct, a permit to operate, or a permit modification, any condition established in a permit issued pursuant to a permitting program approved in the state implementation plan shall remain in effect until:

- (a) the condition is modified in a subsequent permit action pursuant to Title I of the Clean Air Act; or
- (b) the emission unit to which the condition pertains permanently ceases operation.

B.4 Enforceability

- (a) Unless otherwise stated, all terms and conditions in this permit, including any provisions designed to limit the source's potential to emit, are enforceable by IDEM, the United States Environmental Protection Agency (U.S. EPA) and by citizens in accordance with the Clean Air Act.
- (b) Unless otherwise stated, all terms and conditions in this permit that are local requirements, including any provisions designed to limit the source's potential to emit, are enforceable by OES.

B.5 Severability

The provisions of this permit are severable; a determination that any portion of this permit is invalid shall not affect the validity of the remainder of the permit.

B.6 Property Rights or Exclusive Privilege

This permit does not convey any property rights of any sort or any exclusive privilege.

B.7 Duty to Provide Information

- (a) The Permittee shall furnish to IDEM, OAQ, and OES within a reasonable time, any information that IDEM, OAQ, and OES may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The submittal by the Permittee does require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1). Upon request, the Permittee shall also furnish to IDEM, OAQ and OES copies of records required to be kept by this permit.
- (b) For information furnished by the Permittee to IDEM, OAQ, the Permittee may include a claim of confidentiality in accordance with 326 IAC 17.1. When furnishing copies of

requested records directly to U. S. EPA, the Permittee may assert a claim of confidentiality in accordance with 40 CFR 2, Subpart B.

B.8 Certification

- (a) Where specifically designated by this permit or required by an applicable requirement, any application form, report, or compliance certification submitted shall contain certification by a responsible official of truth, accuracy, and completeness. This certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
- (b) One (1) certification shall be included, using the attached Certification Form, with each submittal requiring certification. One (1) certification may cover multiple forms in one (1) submittal.
- (c) An "authorized individual" is defined at 326 IAC 2-1.1-1(1).

B.9 Annual Notification [326 IAC 2-6.1-5(a)(5)]

- (a) An annual notification shall be submitted by an authorized individual to the Office of Air Quality stating whether or not the source is in operation and in compliance with the terms and conditions contained in this permit.
- (b) The annual notice shall be submitted in the format attached no later than March 1 of each year to:

Compliance Branch, Office of Air Quality
Indiana Department of Environmental Management
100 North Senate Avenue
Indianapolis, Indiana 46204-2251

and

City of Indianapolis
Office of Environmental Services
Air Compliance
2700 South Belmont Avenue
Indianapolis Indiana 46221
- (c) The notification shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, and OES, on or before the date it is due.

B.10 Preventive Maintenance Plan [326 IAC 1-6-3]

- (a) If required by specific condition(s) in Section D of this permit, the Permittee shall maintain and implement Preventive Maintenance Plans (PMPs) including the following information on each facility:
 - (1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;
 - (2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and
 - (3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.
- (b) A copy of the PMPs shall be submitted to IDEM, OAQ, and OES, upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ, and OES. IDEM, OAQ, and OES, may require the Permittee to revise its PMPs whenever lack of

proper maintenance causes or is the primary contributor to an exceedance of any limitation on emissions or potential to emit. The PMPs do not require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (c) To the extent the Permittee is required by 40 CFR Part 60/63 to have an Operation, Maintenance, and Monitoring (OMM) Plan for a unit, such Plan is deemed to satisfy the PMP requirements of 326 IAC 1-6-3 for that unit.

B.11 Prior Permits Superseded [326 IAC 2-1.1-9.5]

- (a) All terms and conditions of permits established prior to M097-21439-00256 and issued pursuant to permitting programs approved into the state implementation plan have been either
 - (1) incorporated as originally stated,
 - (2) revised, or
 - (3) deleted.
- (b) All previous registrations and permits are superseded by this permit.

B.12 Termination of Right to Operate [326 IAC 2-6.1-7(a)]

The Permittee's right to operate this source terminates with the expiration of this permit unless a timely and complete renewal application is submitted at least nine (9) months prior to the date of expiration of the source's existing permit, consistent with 326 IAC 2-6.1-7.

B.13 Permit Renewal [326 IAC 2-6.1-7]

- (a) The application for renewal shall be submitted using the application form or forms prescribed by IDEM, OAQ, and OES, and shall include the information specified in 326 IAC 2-6.1-7. Such information shall be included in the application for each emission unit at this source. The renewal application does require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

Request for renewal shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204-2251

and

City of Indianapolis
Office of Environmental Services
Air Permits
2700 South Belmont Avenue
Indianapolis Indiana 46221

- (b) A timely renewal application is one that is:
 - (1) Submitted at least nine (9) months prior to the date of the expiration of this permit; and
 - (2) If the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, and OES on or before the date it is due.
- (c) If the Permittee submits a timely and complete application for renewal of this permit, the

source's failure to have a permit is not a violation of 326 IAC 2-6.1 until IDEM, OAQ, and OES takes final action on the renewal application, except that this protection shall cease to apply if, subsequent to the completeness determination, the Permittee fails to submit by the deadline specified in writing by IDEM, OAQ, and OES any additional information identified as being needed to process the application.

B.14 Permit Amendment or Revision [326 IAC 2-5.1-3(e)(3)] [326 IAC 2-6.1-6]

(a) Permit amendments and revisions are governed by the requirements of 326 IAC 2-6.1-6 whenever the Permittee seeks to amend or modify this permit.

(b) Any application requesting an amendment or modification of this permit shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204-2251

and

City of Indianapolis
Office of Environmental Services
Air Permits
2700 South Belmont Avenue
Indianapolis Indiana 46221

Any such application shall be certified by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

(c) The Permittee shall notify the OAQ within thirty (30) calendar days of implementing a notice-only change. [326 2-6.1-6(d)]

B.15 Source Modification Requirement

A modification, construction, or reconstruction is governed by 326 IAC 2.

B.16 Inspection and Entry [326 IAC 2-5.1-3(e)(4)(B)] [326 IAC 2-6.1-5(a)(4)] [IC 13-14-2-2] [IC13-17-3-2][IC 13-30-3-1]

Upon presentation of proper identification cards, credentials, and other documents as may be required by law, and subject to the Permittee's right under all applicable laws and regulations to assert that the information collected by the agency is confidential and entitled to be treated as such, the Permittee shall allow IDEM, OAQ, OES, and U.S. EPA, or an authorized representative to perform the following:

- (a) Enter upon the Permittee's premises where a permitted source is located, or emissions related activity is conducted, or where records must be kept under the conditions of this permit;
- (b) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, have access to and copy, at reasonable times, any records that must be kept under this title or the conditions of this permit or any operating permit revisions;
- (c) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, inspect, at reasonable times, any processes, emissions units (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit or any operating permit revisions;
- (d) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with this permit or applicable requirements; and

- (e) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, utilize any photographic, recording, testing, monitoring, or other equipment for the purpose of assuring compliance with this permit or applicable requirements.

B.17 Transfer of Ownership or Operational Control [326 IAC 2-6.1-6]

- (a) The Permittee must comply with the requirements of 326 IAC 2-6-1-6 whenever the Permittee seeks to change the ownership or operational control of the source and no other change in the permit is necessary.
- (b) Any application requesting a change in the ownership or operational control of the source shall contain a written agreement containing a specific date for transfer of permit responsibility, coverage and liability between the current and new Permittee. The application shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204-2251

and

City of Indianapolis
Office of Environmental Services
Air Permits
2700 South Belmont Avenue
Indianapolis Indiana 46221

The application which shall be submitted by the Permittee does require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-6.1-6(d)(3)]

B.18 Annual Fee Payment [326 IAC 2-1.1-7]

- (a) The Permittee shall pay annual fees to IDEM, OAQ, and OES within thirty (30) calendar days of receipt of a billing.
- (b) The Permittee may call the following telephone numbers: 1-800-451-6027 or 317-233-4230 (ask for OAQ, Billing, Licensing, and Training Section), to determine the appropriate permit fee.

B.19 Credible Evidence [326 IAC 1-1-6]

For the purpose of submitting compliance certifications or establishing whether or not the Permittee has violated or is in violation of any condition of this permit, nothing in this permit shall preclude the use, including the exclusive use, of any credible evidence or information relevant to whether the Permittee would have been in compliance with the condition of this permit if the appropriate performance or compliance test or procedure had been performed.

SECTION C

SOURCE OPERATION CONDITIONS

Entire Source

C.1 Particulate Emission Limitations For Processes with Process Weight Rates Less Than One Hundred (100) Pounds per Hour [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2(e)(2), particulate emissions from any process not exempt under 326 IAC 6-3-1(b) or (c) which has a maximum process weight rate less than 100 pounds per hour and the methods in 326 IAC 6-3-2(b) through (d) do not apply shall not exceed 0.551 pounds per hour.

C.2 Permit Revocation [326 IAC 2-1.1-9]

Pursuant to 326 IAC 2-1.1-9 (Revocation of Permits), this permit to operate may be revoked for any of the following causes:

- (a) Violation of any conditions of this permit.
- (b) Failure to disclose all the relevant facts, or misrepresentation in obtaining this permit.
- (c) Changes in regulatory requirements that mandate either a temporary or permanent reduction of discharge of contaminants. However, the amendment of appropriate sections of this permit shall not require revocation of this permit.
- (d) Noncompliance with orders issued pursuant to 326 IAC 1-5 (Episode Alert Levels) to reduce emissions during an air pollution episode.
- (e) For any cause which establishes in the judgment of IDEM and OES, the fact that continuance of this permit is not consistent with purposes of this article.

C.3 Opacity [326 IAC 5-1]

Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-3 (Temporary Alternative Opacity Limitations), opacity shall meet the following, unless otherwise stated in this permit:

- (a) Opacity shall not exceed an average of thirty percent (30%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.
- (b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute non-overlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.

C.4 Fugitive Dust Emissions [326 IAC 6-4]

The Permittee shall not allow fugitive dust to escape beyond the property line or boundaries of the property, right-of-way, or easement on which the source is located, in a manner that would violate 326 IAC 6-4 (Fugitive Dust Emissions).

C.5 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61, Subpart M]

- (a) Notification requirements apply to each owner or operator. If the combined amount of regulated asbestos containing material (RACM) to be stripped, removed or disturbed is at least 260 linear feet on pipes or 160 square feet on other facility components, or at least thirty-five (35) cubic feet on all facility components, then the notification requirements of 326 IAC 14-10-3 are mandatory. All demolition projects require notification whether or not asbestos is present.

- (b) The Permittee shall ensure that a written notification is sent on a form provided by the Commissioner at least ten (10) working days before asbestos stripping or removal work or before demolition begins, per 326 IAC 14-10-3, and shall update such notice as necessary, including, but not limited to the following:
 - (1) When the amount of affected asbestos containing material increases or decreases by at least twenty percent (20%); or
 - (2) If there is a change in the following:
 - (A) Asbestos removal or demolition start date;
 - (B) Removal or demolition contractor; or
 - (C) Waste disposal site.
- (c) The Permittee shall ensure that the notice is postmarked or delivered according to the guidelines set forth in 326 IAC 14-10-3(2).
- (d) The notice to be submitted shall include the information enumerated in 326 IAC 14-10-3(3).

All required notifications shall be submitted to:

Indiana Department of Environmental Management
Asbestos Section, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204-2251

and

City of Indianapolis
Office of Environmental Services
Asbestos Section
2700 South Belmont Avenue
Indianapolis Indiana 46221

The notice shall include a signed certification from the owner or operator that the information provided in this notification is correct and that only Indiana licensed workers and project supervisors will be used to implement the asbestos removal project. The notifications do not require a certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (e) **Procedures for Asbestos Emission Control**
The Permittee shall comply with the applicable emission control procedures in 326 IAC 14-10-4 and 40 CFR 61.145(c). Per 326 IAC 14-10-1, emission control requirements are applicable for any removal or disturbance of RACM greater than three (3) linear feet on pipes or three (3) square feet on any other facility components or a total of at least 0.75 cubic feet on all facility components.
- (f) **Demolition and renovation**
The Permittee shall thoroughly inspect the affected facility or part of the facility where the demolition or renovation will occur for the presence of asbestos pursuant to 40 CFR 61.145(a).
- (g) **Indiana Accredited Asbestos Inspector**
The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator, prior to a renovation/demolition, to use an Indiana Accredited Asbestos Inspector to

thoroughly inspect the affected portion of the facility for the presence of asbestos. The requirement to use an Indiana Accredited Asbestos inspector is not federally enforceable.

Testing Requirements

C.6 Performance Testing [326 IAC 3-6]

- (a) Compliance testing on new emissions units shall be conducted within 60 days after achieving maximum production rate, but no later than 180 days after initial start-up, if specified in Section D of this approval. All testing shall be performed according to the provisions of 326 IAC 3-6 (Source Sampling Procedures), except as provided elsewhere in this permit, utilizing any applicable procedures and analysis methods specified in 40 CFR 51, 40 CFR 60, 40 CFR 61, 40 CFR 63, 40 CFR 75, or other procedures approved by IDEM, OAQ, and OES.

A test protocol, except as provided elsewhere in this permit, shall be submitted to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204-2251

and

City of Indianapolis
Office of Environmental Services
Air Compliance
2700 South Belmont Avenue
Indianapolis Indiana 46221

no later than thirty-five (35) days prior to the intended test date.

- (b) The Permittee shall notify IDEM, OAQ, and OES of the actual test date at least fourteen (14) days prior to the actual date.
- (c) Pursuant to 326 IAC 3-6-4(b), all test reports must be received by IDEM, OAQ, and OES not later than forty-five (45) days after the completion of the testing. An extension may be granted by the IDEM, OAQ, and OES, if the Permittee submits to IDEM, OAQ, and OES, a reasonable written explanation not later than five (5) days prior to the end of the initial forty-five (45) day period.

Compliance Requirements [326 IAC 2-1.1-11]

C.7 Compliance Requirements [326 IAC 2-1.1-11]

The commissioner may require stack testing, monitoring, or reporting at any time to assure compliance with all applicable requirements by issuing an order under 326 IAC 2-1.1-11. Any monitoring or testing shall be performed in accordance with 326 IAC 3 or other methods approved by the commissioner or the U.S. EPA.

Compliance Monitoring Requirements

C.8 Compliance Monitoring [326 IAC 2-1.1-11]

Compliance with applicable requirements shall be documented as required by this permit. The Permittee shall be responsible for installing any necessary equipment and initiating any required monitoring related to that equipment. All monitoring and record keeping requirements not already legally required shall be implemented when operation begins.

C.9 Monitoring Methods [326 IAC 3][40 CFR 60][40 CFR 63]

Any monitoring or testing required by Section D of this permit shall be performed according to the provisions of 326 IAC 3, 40 CFR 60, Appendix A, 40 CFR 60, Appendix B, 40 CFR 63, or other approved methods as specified in this permit.

Corrective Actions and Response Steps

C.10 Response to Excursions or Exceedances

- (a) Upon detecting an excursion or exceedance, the Permittee shall restore operation of the emissions unit (including any control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable in accordance with good air pollution control practices for minimizing emissions.
- (b) The response shall include minimizing the period of any startup, shutdown or malfunction and taking any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). Corrective actions may include, but are not limited to, the following:
 - (1) initial inspection and evaluation;
 - (2) recording that operations returned to normal without operator action (such as through response by a computerized distribution control system); or
 - (3) any necessary follow-up actions to return operation to within the indicator range, designated condition, or below the applicable emission limitation or standard, as applicable.
- (c) A determination of whether the Permittee has used acceptable procedures in response to an excursion or exceedance will be based on information available, which may include, but is not limited to, the following:
 - (1) monitoring results;
 - (2) review of operation and maintenance procedures and records;
 - (3) inspection of the control device, associated capture system, and the process.
- (d) Failure to take reasonable response steps shall be considered a deviation from the permit.
- (e) The Permittee shall maintain the following records:
 - (1) monitoring data;
 - (2) monitor performance data, if applicable; and
 - (3) corrective actions taken.

Record Keeping and Reporting Requirements

C.11 Malfunctions Report [326 IAC 1-6-2]

Pursuant to 326 IAC 1-6-2 (Records; Notice of Malfunction):

- (a) A record of all malfunctions, including startups or shutdowns of any facility or emission control equipment, which result in violations of applicable air pollution control regulations or applicable emission limitations shall be kept and retained for a period of three (3) years and shall be made available to the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ) or appointed representative upon request.

- (b) When a malfunction of any facility or emission control equipment occurs which lasts more than one (1) hour, said condition shall be reported to OAQ, using the Malfunction Report Forms (2 pages). Notification shall be made by telephone or facsimile, as soon as practicable, but in no event later than four (4) daytime business hours after the beginning of said occurrence.
- (c) Failure to report a malfunction of any emission control equipment shall constitute a violation of 326 IAC 1-6, and any other applicable rules. Information of the scope and expected duration of the malfunction shall be provided, including the items specified in 326 IAC 1-6-2(a)(1) through (6).
- (d) Malfunction is defined as any sudden, unavoidable failure of any air pollution control equipment, process, or combustion or process equipment to operate in a normal and usual manner. [326 IAC 1-2-39]

C.12 General Record Keeping Requirements [326 IAC 2-6.1-5]

- (a) Records of all required monitoring data, reports and support information required by this permit shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. These records shall be physically present or electronically accessible at the source location for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner or OES makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner or OES within a reasonable time.
- (b) Unless otherwise specified in this permit, all record keeping requirements not already legally required shall be implemented when operation begins.

C.13 General Reporting Requirements [326 IAC 2-1.1-11] [326 IAC 2-6.1-5] [IC 13-14-1-13]

- (a) Reports required by conditions in Section D of this permit shall be submitted to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204-2251

and

City of Indianapolis
Office of Environmental Services
Air Compliance
2700 South Belmont Avenue
Indianapolis Indiana 46221

- (b) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, and OES, on or before the date it is due.
- (c) Unless otherwise specified in this permit, any quarterly report required in Section D of this permit shall be submitted within thirty (30) days of the end of the reporting period. The reports do not require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (d) Reporting periods are based on calendar years, unless otherwise specified in this permit. For the purpose of this permit "calendar year" means the twelve (12) month period from January 1 to December 31 inclusive.

SECTION D.1

EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description [326 IAC 2-6.1-5(a)(1)]:

- (a) One (1) paint booth, identified as PB-01, used to paint metal utility trucks with a maximum throughput capacity of 0.125 utility trucks per hour. The booth is equipped with air atomization spray guns and particulate emissions are controlled by dry filters, which exhaust to stack 01. PB-01 was constructed in 1991.
- (b) One (1) paint booth, identified as PB-02, used to paint metal utility trucks with a maximum throughput capacity of 0.125 utility trucks per hour. The booth is equipped with air atomization spray guns and particulate emissions are controlled by dry filters, which exhaust to stack 02. PB-02 was constructed in 1993.
- (c) One (1) paint booth, identified as PB-03, used to paint metal utility trucks with a maximum throughput capacity of 0.125 utility trucks per hour. The booth is equipped with air atomization spray guns and particulate emissions are controlled by dry filters, which exhaust to stack 03. PB-03 was constructed in 2000.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-6.1-5(a)(1)]

D.1.1 Volatile Organic Compounds (VOC) Limitations [326 IAC 8-2-9]

Pursuant to 326 IAC 8-2-9, the Permittee shall not allow the discharge into the atmosphere from spray booths PB-01, PB-02, and PB-03 of VOC in excess of three and five-tenths (3.5) pounds per gallon of coating, excluding water, as delivered to the applicator.

D.1.2 Volatile Organic Compound (VOC) Limitations, Clean-up Requirements [326 IAC 8-2-9(f)]

Pursuant to 326 IAC 8-2-9(f), all solvents sprayed from the application equipment of spray booths PB-01, PB-02, and PB-03 during cleanup or color changes shall be directed into containers. Said containers shall be closed as soon as the solvent spraying is complete. In addition, all waste solvent shall be disposed of in such a manner that minimizes evaporation.

D.1.3 Particulate [326 IAC 6-3-2(d)]

- (a) Particulate from the spray booths PB-01, PB-02, and PB-03 shall be controlled by dry particulate filters, and the Permittee shall operate the control device in accordance with manufacturer's specifications.
- (b) If overspray is visibly detected at the exhaust or accumulates on the ground, the Permittee shall inspect the control device and do either of the following no later than four (4) hours after such observation:
 - (1) Repair control device so that no overspray is visibly detectable at the exhaust or accumulates on the ground.
 - (2) Operate equipment so that no overspray is visibly detectable at the exhaust or accumulates on the ground.
- (c) If overspray is visibly detected, the Permittee shall maintain a record of the action taken as a result of the inspection, any repairs of the control device, or change in operations, so that overspray is not visibly detected at the exhaust or accumulates on the ground. These records must be maintained for five (5) years.

D.1.4 Preventive Maintenance Plan [326 IAC 1-6-3]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for the spray booths and their associated control devices.

Compliance Determination Requirements

D.1.5 Volatile Organic Compounds (VOC)[326 IAC 8-1-2] [326 IAC 8-1-4]

Compliance with the VOC content contained in Condition D.1.1 shall be determined pursuant to 326 IAC 8-1-4(a)(3) and 326 IAC 8-1-2(a) by preparing or obtaining from the manufacturer the copies of the "as supplied" and "as applied" VOC data sheets. IDEM, OAQ and OES reserve the authority to determine compliance using Method 24 in conjunction with the analytical procedures specified in 326 IAC 8-1-4.

Record Keeping Requirements [326 IAC 2-5.1-3(e)(2)] [326 IAC 2-6.1-5(a)(2)]

D.1.6 Record Keeping Requirements

- (a) To document compliance with Condition D.1.1, the Permittee shall maintain records in accordance with (1) through (2) below. Records maintained for (1) through (2) shall be taken monthly and shall be complete and sufficient to establish compliance with the VOC content limit established in Condition D.1.1. Records necessary to demonstrate compliance shall be available within 30 days of the end of each compliance period.
 - (1) The VOC content of each coating material and solvent used. Records shall include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used. Solvent usage records shall differentiate between those added to coatings and those used as cleanup solvents; and
 - (2) The volume weighted VOC content of the coatings used for each month;
- (b) To document compliance with Condition D.1.3, the Permittee shall maintain records in accordance with Condition D.1.3.
- (c) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE BRANCH
and
CITY OF INDIANAPOLIS
OFFICE of ENVIRONMENTAL SERVICES**

**MINOR SOURCE OPERATING PERMIT
ANNUAL NOTIFICATION**

This form should be used to comply with the notification requirements under 326 IAC 2-6.1-5(a)(5).

Company Name:	Altec Industries, Inc.
Address:	5201 West 84th Street
City:	Indianapolis, Indiana 46268
Phone #:	(317) 872-3480
MSOP #:	097-21439-00256

I hereby certify that Altec Industries, Inc. is still in operation.
 no longer in operation.

I hereby certify that Altec Industries, Inc. is in compliance with the requirements of MSOP 097-21439-00256.
 not in compliance with the requirements of MSOP 097-21439-00256.

Authorized Individual (typed):
Title:
Signature:
Date:

If there are any conditions or requirements for which the source is not in compliance, provide a narrative description of how the source did or will achieve compliance and the date compliance was, or will be achieved.

Noncompliance:

MALFUNCTION REPORT

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
FAX NUMBER - 317 233-5967
and
CITY OF INDIANAPOLIS
OFFICE of ENVIRONMENTAL SERVICES
FAX NUMBER – 217-327-2274**

**This form should only be used to report malfunctions applicable to Rule 326 IAC 1-6
and to qualify for the exemption under 326 IAC 1-6-4.**

THIS FACILITY MEETS THE APPLICABILITY REQUIREMENTS BECAUSE IT HAS POTENTIAL TO EMIT 25 TONS/YEAR PARTICULATE MATTER ?_____, 25 TONS/YEAR SULFUR DIOXIDE ?_____, 25 TONS/YEAR NITROGEN OXIDES?_____, 25 TONS/YEAR VOC ?_____, 25 TONS/YEAR HYDROGEN SULFIDE ?_____, 25 TONS/YEAR TOTAL REDUCED SULFUR ?_____, 25 TONS/YEAR REDUCED SULFUR COMPOUNDS ?_____, 25 TONS/YEAR FLUORIDES ?_____, 100TONS/YEAR CARBON MONOXIDE ?_____, 10 TONS/YEAR ANY SINGLE HAZARDOUS AIR POLLUTANT ?_____, 25 TONS/YEAR ANY COMBINATION HAZARDOUS AIR POLLUTANT ?_____, 1 TON/YEAR LEAD OR LEAD COMPOUNDS MEASURED AS ELEMENTAL LEAD ?_____, OR IS A SOURCE LISTED UNDER 326 IAC 2-5.1-3(2) ?_____. EMISSIONS FROM MALFUNCTIONING CONTROL EQUIPMENT OR PROCESS EQUIPMENT CAUSED EMISSIONS IN EXCESS OF APPLICABLE LIMITATION _____.

THIS MALFUNCTION RESULTED IN A VIOLATION OF: 326 IAC _____ OR, PERMIT CONDITION # _____ AND/OR PERM LIMIT OF _____

THIS INCIDENT MEETS THE DEFINITION OF >MALFUNCTION= AS LISTED ON REVERSE SIDE ? Y N

THIS MALFUNCTION IS OR WILL BE LONGER THAN THE ONE (1) HOUR REPORTING REQUIREMENT ? Y N

COMPANY: _____ PHONE NO. () _____
LOCATION: (CITY AND COUNTY) _____
PERMIT NO. _____ AFS PLANT ID: _____ AFS POINT ID: _____ INSP: _____
CONTROL/PROCESS DEVICE WHICH MALFUNCTIONED AND REASON: _____

DATE/TIME MALFUNCTION STARTED: ____/____/20____ _____ AM / PM

ESTIMATED HOURS OF OPERATION WITH MALFUNCTION CONDITION: _____

DATE/TIME CONTROL EQUIPMENT BACK-IN SERVICE ____/____/20____ _____ AM/PM

TYPE OF POLLUTANTS EMITTED: TSP, PM-10, SO2, VOC, OTHER: _____

ESTIMATED AMOUNT OF POLLUTANT EMITTED DURING MALFUNCTION: _____

MEASURES TAKEN TO MINIMIZE EMISSIONS: _____

REASONS WHY FACILITY CANNOT BE SHUTDOWN DURING REPAIRS:

CONTINUED OPERATION REQUIRED TO PROVIDE ESSENTIAL* SERVICES: _____

CONTINUED OPERATION NECESSARY TO PREVENT INJURY TO PERSONS: _____

CONTINUED OPERATION NECESSARY TO PREVENT SEVERE DAMAGE TO EQUIPMENT: _____

INTERIM CONTROL MEASURES: (IF APPLICABLE) _____

MALFUNCTION REPORTED BY: _____ TITLE: _____
(SIGNATURE IF FAXED)

MALFUNCTION RECORDED BY: _____ DATE: _____ TIME: _____

*SEE PAGE 2

Please note - This form should only be used to report malfunctions applicable to Rule 326 IAC 1-6 and to qualify for the exemption under 326 IAC 1-6-4.

326 IAC 1-6-1 Applicability of rule

Sec. 1. This rule applies to the owner or operator of any facility required to obtain a permit under 326 IAC 2-5.1 or 326 IAC 2-6.1.

326 IAC 1-2-39 "Malfunction" definition

Sec. 39. Any sudden, unavoidable failure of any air pollution control equipment, process, or combustion or process equipment to operate in a normal and usual manner.

***Essential services** are interpreted to mean those operations, such as, the providing of electricity by power plants. Continued operation solely for the economic benefit of the owner or operator shall not be sufficient reason why a facility cannot be shutdown during a control equipment shutdown.

If this item is checked on the front, please explain rationale:

**Indiana Department of Environmental Management
Office of Air Quality
and
City of Indianapolis
Office of Environmental Services**

Addendum to the Technical Support Document
for a Minor Source Operating Permit Renewal

Source Name:	Altec Industries, Inc.
Source Location:	5201 West 84 th Street, Indianapolis, Indiana 46268
County:	Marion County
SIC Code:	3713
Operation Permit No.:	097-21439-00256
Permit Reviewer:	ERG/AN

On May 24, 2006, the Office of Air Quality (OAQ) and the Office of Environmental Services (OES) had a notice published in the Indianapolis Star, Indianapolis, Indiana, stating that Altec Industries, Inc. had applied for a Minor Source Operating Permit (MSOP) Renewal for a stationary metal utility truck painting operation. The notice also stated that OAQ and OES proposed to issue a permit for this operation and provided information on how the public could review the proposed permit and other documentation. Finally, the notice informed interested parties that there was a period of thirty (30) days to provide comments on whether or not this permit should be issued as proposed.

No comments were received during the public notice period. Upon further review, the OAQ and OES have decided to make the following revisions to the Minor Source Operating Permit (MSOP) Renewal. The TSD will remain as it originally appeared when published. Changes to the permit or technical support material that occur after the permit has published for public notice are documented in this Addendum to the Technical Support Document. This accomplishes the desired result of ensuring that these types of concerns are documented and part of the record regarding this permit decision. Bolded language has been added and the language with strikeout has been deleted. The Table of Contents has been modified to reflect these changes.

The comments and responses, including changes to the permit, are as follows:

Change 1:

IDEM and OES have decided to include the following updates to further address and clarify the permit terms and the terms of conditions.

The following was added to the cover page of the permit:

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

Condition B.11 has been changed as follows:

B.11 Prior Permits Superseded [326 IAC 2-1.1-9.5]

-
- (a) All terms and conditions of permits established prior to **M097-21439-00256** and issued pursuant to permitting programs approved into the state implementation plan have been either

- (1) incorporated as originally stated,
- (2) revised, or
- (3) deleted.

(b) All previous registrations and permits are superseded by this permit.

Condition B.13 has been removed and all subsequent B conditions have been renumbered.

~~B.13 — Deviations from Permit Requirements and Conditions~~

~~(a) — Deviations from any permit requirements (for emergencies see Section B — Emergency Provisions), the probable cause of such deviations, and any response steps or preventive measures taken shall be reported to:~~

~~Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204-2254~~

~~and~~

~~City of Indianapolis
Office of Environmental Services
Administration Building
2700 South Belmont Avenue
Indianapolis Indiana 46221-2097~~

~~using the attached Quarterly Deviation and Compliance Monitoring Report, or its equivalent. A deviation required to be reported pursuant to an applicable requirement that exists independent of this permit, shall be reported according to the schedule stated in the applicable requirement and does not need to be included in this report.~~

~~The Quarterly Deviation and Compliance Monitoring Report does require the certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).~~

~~(b) — A deviation is an exceedance of a permit limitation or a failure to comply with a requirement of the permit.~~

The following was added prior to condition C.10:

Corrective Actions and Response Steps

**Indiana Department of Environmental Management
Office of Air Quality
and
City of Indianapolis
Office of Environmental Services**

**Technical Support Document (TSD) for a
Minor Source Operating Permit Renewal**

Source Background and Description

Source Name:	Altec Industries, Inc.
Source Location:	5201 West 84 th Street, Indianapolis, Indiana 46268
County:	Marion
SIC Code:	3713
Operation Permit No.:	097-12373-00256
Operation Permit Issuance Date:	October 6, 2000
Permit Renewal No.:	097-21439-00256
Permit Reviewer:	ERG/AAB

The Office of Air Quality (OAQ) and Office of Environmental Service (OES) have reviewed an application from Altec Industries, Inc. relating to the operation of a plant for coating metal utility trucks.

Permitted Emission Units and Pollution Control Equipment

The source consists of the following permitted emission units and pollution control devices:

- (a) One (1) paint booth, identified as PB-01, used to paint metal utility trucks with a maximum throughput capacity of 0.125 utility trucks per hour. The booth is equipped with air atomization spray guns and particulate emissions are controlled by dry filters, which exhaust to stack 01. PB-01 was constructed in 1991.
- (b) One (1) paint booth, identified as PB-02, used to paint metal utility trucks with a maximum throughput capacity of 0.125 utility trucks per hour. The booth is equipped with air atomization spray guns and particulate emissions are controlled by dry filters, which exhaust to stack 02. PB-02 was constructed in 1993.
- (c) One (1) paint booth, identified as PB-03, used to paint metal utility trucks with a maximum throughput capacity of 0.125 utility trucks per hour. The booth is equipped with air atomization spray guns and particulate emissions are controlled by dry filters, which exhaust to stack 03. PB-03 was constructed in 2000.
- (d) Two (2) natural gas-fired air-makeup heaters each rated at a maximum heat input capacity of 3.112 MMBtu/hour. These units were constructed in 2000.

Unpermitted Emission Units and Pollution Control Equipment

There are no unpermitted emission units operating at this source during this review process.

Existing Approvals

The source has been operating under MSOP 097-12373-00256, issued October 6, 2000 and the following:

Notice-Only-Change No. 097-18998-00256, issued August 2, 2004.

All conditions from previous approvals were incorporated into this permit, with the exception of the following:

MSOP 097-12373-00256, issued October 6, 2000.

Condition D.1.2: Pursuant to 326 IAC 8-2-1 (Surface Coating Emission Limitations), the input of VOC from PB-01, PB-02, and PB-03 shall be limited to 15 pounds per day each such that 326 IAC 8-2-9 shall not apply.

Reason not incorporated: Altec Industries, Inc. will only use coatings that are in compliance with the VOC content limits in 326 IAC 8-2-9. By complying with the VOC content limits in this rule, Altec Industries, Inc. will no longer be required to maintain records of the VOC usage for each booth. However, they are required to maintain records of the VOC content of each coating applied in the booths.

Enforcement Issue

There are no enforcement actions pending.

Recommendation

The staff recommends to the Commissioner that the operation be approved. This recommendation is based on the following facts and conditions:

Unless otherwise stated, information used in this review was derived from the application and additional information submitted by the applicant.

A complete renewal application for the purposes of this review was received on June 10, 2005.

Emission Calculations

See Appendix A of this document for detailed emissions calculations (pages 1 through 5).

Potential to Emit of the Source Before Controls

Pursuant to 326 IAC 2-1.1-1(16), Potential to Emit is defined as "the maximum capacity of a stationary source or emissions unit to emit any air pollutant under its physical and operational design. Any physical or operational limitation on the capacity of a source to emit an air pollutant, including air pollution control equipment and restrictions on hours of operation or type or amount of material combusted, stored, or processed shall be treated as part of its design if the limitation is enforceable by the U.S. EPA, the department, or the appropriate local air pollution control agency."

Pollutant	Potential to Emit (tons/year)
PM	31.0
PM10	31.2
SO ₂	0.016
VOC	69.0
CO	2.3
NO _x	2.7

HAPs	Potential to Emit (tons/yr)
Methyl ethyl ketone	9.94
Toluene	0.02

HAPs	Potential to Emit (tons/yr)
Xylene	6.44
Ethylbenzene	1.26
Hexamethylene Diisocyanate	0.02
Other HAPs	0.051
Total	17.7

- (a) The potential to emit (as defined in 326 IAC 2-1.1-1(16)) of all criteria pollutants is less than 100 tons per year and the potential to emit VOC, PM, PM10 are greater than 25 tons per year. Therefore, the source is subject to the provisions of 326 IAC 2-6.1. An MSOP will be issued.
- (b) The potential to emit (as defined in 326 IAC 2-1.1-1(16)) of any single HAP is less than ten (10) tons per year and the potential to emit (as defined in 326 IAC 2-1.1-1(16)) of a combination of HAPs is less than twenty-five (25) tons per year. Therefore, the source is not subject to the provisions of 326 IAC 2-7 (Part 70 Permit Program).
- (c) Fugitive Emissions
 Since this type of operation is not one of the twenty-eight (28) listed source categories under 326 IAC 2-2 and since there are no applicable New Source Performance Standards that were in effect on August 7, 1980, the fugitive particulate matter (PM) and volatile organic compound (VOC) emissions are not counted toward determination of PSD and Emission Offset applicability.

County Attainment Status

The source is located in Marion County.

Pollutant	Status
PM10	Attainment
PM2.5	Nonattainment
SO ₂	Attainment
NO ₂	Attainment
1-hour Ozone	Attainment
8-hour Ozone	Basic nonattainment
CO	Attainment
Lead	Attainment

- (a) Marion County has been classified as nonattainment for PM2.5 in 70 FR 943 dated January 5, 2005. Until U.S. EPA adopts specific New Source Review rules for PM2.5 emissions, it has directed states to regulate PM10 emissions as surrogate for PM2.5 emissions pursuant to the Non-attainment New Source Review requirements. See the State Rule Applicability for the source section.
- (b) Volatile organic compounds (VOC) and Nitrogen Oxides (NOx) are regulated under the Clean Air Act (CAA) for the purposes of attaining and maintaining the National Ambient Air Quality Standards (NAAQS) for ozone. Therefore, VOC and NOx emissions are considered when evaluating the rule applicability relating to the ozone standards. Marion County has been designated as nonattainment for the 8-hour ozone standard. Therefore, VOC and NOx emissions were reviewed pursuant to the requirements for nonattainment new source review.
- (c) Marion County has been classified as attainment or unclassifiable in Indiana for all other criteria pollutants. Therefore, these emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2. See the State Rule Applicability for the source section.

Source Status

Existing Source PSD, Part 70, or FESOP Definition (emissions after controls, based on 8760 hours of operation per year at rated capacity and/or as otherwise limited):

Pollutant	Emissions (tons/year)
PM	31.0
PM10	31.2
SO ₂	0.016
VOC	69.0
CO	2.3
NO _x	2.7
Single HAP	9.94
Combination HAPs	17.72

- (a) This existing source is not a major stationary source because no attainment regulated pollutant is emitted at a rate of 250 tons per year or greater and it is not in one of the 28 listed source categories.
- (b) This existing source is not a major stationary source because no nonattainment regulated pollutant is emitted at a rate of 100 tons per year or greater and it is not in one of the 28 listed source categories.
- (c) These emissions are based on the calculations provided in the application for MSOP 097-12373-00256, issued on October 6, 2000 and are still determined to be accurate by OES.

Part 70 Permit Determination

326 IAC 2-7 (Part 70 Permit Program)

This existing source is not subject to the Part 70 Permit requirements because the potential to emit (PTE) of:

- (a) each criteria pollutant is less than 100 tons per year,
- (b) a single hazardous air pollutant (HAP) is less than 10 tons per year, and
- (c) any combination of HAPs is less than 25 tons per year.

This status is based on all the air approvals issued to the source.

Federal Rule Applicability

- (a) There are no New Source Performance Standards (NSPS) (326 IAC 12 and 40 CFR Part 60) included in this permit.

Although constructed after the October 5, 1979 applicability date, this source is not subject to the requirements of the New Source Performance Standard 40 CFR 60, Subpart MM - Standards of Performance for Automobile and Light-Duty Truck Surface Coating Operations (326 IAC 12) because this rule applies only to surface coating operations located at automobile or light-duty truck assembly plants. This plant does not assemble light-duty trucks. Altec purchases the trucks from a supplier and adds utility equipment before painting them.

- (b) There are no National Emission Standards for Hazardous Air Pollutants (NESHAP)(326 IAC 14, 20 and 40 CFR Parts 61 and 63) included in this permit.

This source is not subject to the requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAP), 40 CFR 63, Subpart IIII - National Emission Standards for Hazardous Air Pollutants: Surface Coating of Automobiles and Light-Duty Trucks because this source is not a major source of hazardous air pollutants and does not coat automobiles or light duty trucks as those terms are defined in 40 CFR 63.3176.

This source is not subject to the requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAP), 40 CFR 63, Subpart MMMM - National Emission

Standards for Hazardous Air Pollutants for Surface Coating of Miscellaneous Metal Parts and Products because this source is not a major source of hazardous air pollutants. Any changes to the source that increases the potential to emit hazardous air pollutants to greater than the major source thresholds of 10 tons per year of any single hazardous air pollutant or 25 tons per year of total hazardous air pollutants will require prior approval from IDEM, OAQ and OES and will make the source subject to the requirements of 40 CFR 63, Subpart M – National Emission Standards for Hazardous Air Pollutants for Surface Coating of Miscellaneous Metal Parts and Products.

State Rule Applicability – Entire Source

326 IAC 2-6 (Emission Reporting)

This source is located in Marion County, does not emit lead into the ambient air at 5 tons per year or greater, and is not required to operate under a Part 70 permit. Therefore, 326 IAC 2-6 does not apply.

326 IAC 5-1 (Opacity Limitations)

This source is located in Pike Township. Pursuant to 326 IAC 5-1-1(C)(5), Altec must comply with the following opacity limitations:

Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-3 (Temporary Alternative Opacity Limitations), opacity shall meet the following, unless otherwise stated in the permit:

- (a) Opacity shall not exceed an average of thirty percent (30%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.
- (b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.

326 IAC 2-2 (Prevention of Significant Deterioration) and 326 IAC 2-3 (Emission Offset)

This source was initially constructed in 1991, when paint booth PB-01 was constructed. At this time, Marion County was designated as nonattainment for CO, SO₂, lead, and the 1-hour ozone standard. Principal emissions from the paint booth are VOC and PM/PM₁₀. Since the potential VOC emissions were less than 100 tons per year and the potential PM and PM₁₀ emissions were less than 250 tons per year, the initial construction of the source was not subject to the requirements of 326 IAC 2-2 or 326 IAC 2-3. The source was modified in 1993, when paint booth PB-02 was constructed. The increase in VOC emissions was less than 100 tons per year and the increase in PM and PM₁₀ was less than 250 tons per year. Therefore, the construction of paint booth PB-02 did not trigger 326 IAC 2-2 or 326 IAC 2-3 and the source remained a minor source under both 326 IAC 2-2 and 326 IAC 2-3 after this modification.

In October 2000, Altec received a permit 097-12373-00256 to construct the paint booth PB-03. Between November 1994 and May 2000, Marion County was redesignated as attainment for all criteria pollutants. The increase in VOC, PM, and PM₁₀ emissions were less than the PSD major source threshold of 250 tons per year. Therefore, this modification did not trigger the requirements of 326 IAC 2-2. The source remained a minor source for PSD after this modification because the potential to emit all criteria pollutants was less than 250 tons per year.

On June 15, 2004, Marion County was designated by the U.S. EPA as basic nonattainment for the 8-hour ozone standard. Volatile organic compounds (VOC) and Nitrogen Oxides (NO_x) are regulated under the Clean Air Act (CAA) for the purposes of attaining and maintaining the National Ambient Air Quality Standards (NAAQS) for ozone. Therefore, VOC and NO_x emissions are considered when evaluating the rule applicability relating to the ozone standards. Since the VOC and NO_x emissions are less than 100 tons per year, this source is currently a minor source under 326 IAC 2-3.

326 IAC 2-1.1-5 (New Source Review)

On January 5, 2005, Marion County was designated as nonattainment for the PM_{2.5} standard. The U.S. EPA has not yet adopted specific New Source Review rules for PM_{2.5} emissions and has directed states to regulate PM₁₀ emissions as a surrogate for PM_{2.5} emissions pursuant to the Nonattainment New Source Review Requirements. Since the potential to emit PM₁₀ is less than 100 tons per year, this source is a minor source under Nonattainment New Source Review for any future modifications.

326 IAC 2-4.1 (Major Sources of Hazardous Air Pollutants (HAP))

Paint booths PB-01 and PB-02 were constructed prior to the July 27, 1997 applicability date. Therefore, these booths are not subject to the requirements of 326 IAC 2-4.1. Although constructed after the July 27, 1997 applicability date, paint booth PB-03 has the potential to emit less than 10 tons per year of a single HAP and less than 25 tons per year of total HAPs. Therefore, 326 IAC 2-4.1 does not apply. Any changes to the source that increases the potential to emit HAP to greater than major source levels would make the source subject to the requirements of 40 CFR 63, Subpart M – National Emission Standards for Hazardous Air Pollutants for Surface Coating of Miscellaneous Metal Parts and Products.

326 IAC 6.5-1 (Particulate Emissions Limitations)

Although located in Marion County, this source is not subject to the requirements of 326 IAC 6-5-1 because the potential to emit particulate matter is less than 100 tons per year and the actual emissions of particulate matter are less than 10 tons per year.

326 IAC 6.5-6 (Particulate Emissions Limitations: Marion County)

This source is not subject to 326 IAC 6.5-6 because none of the emission units are specifically identified in this section.

326 IAC 8-6 (Organic Solvent Emission Limitations)

This source is not subject to the requirements of 326 IAC 8-6 because it was constructed after January 1, 1980.

326 IAC 6-5 (Fugitive Particulate Matter Emissions Limitations)

Although located in Marion County, this source is not subject to the requirements of 326 IAC 6-5 because the potential fugitive particulate matter emissions emitted by this source are negligible.

State Rule Applicability – Spray Paint Booths PB-01, PB-02, and PB-03

326 IAC 6-3 (Particulate Emission Limitations for Manufacturing Processes)

Pursuant to IAC 6-3-2(d), particulate from the spray paint booths PB-01, PB-02, and PB-03 shall be controlled by dry particulate filters, and the Permittee shall operate the control device in accordance with manufacturer's specifications.

If overspray is visibly detected at the exhaust or accumulates on the ground, the Permittee shall inspect the control device and do either of the following no later than four (4) hours after such observation:

- (a) Repair control device so that no overspray is visibly detectable at the exhaust or accumulates on the ground.
- (b) Operate equipment so that no overspray is visibly detectable at the exhaust or accumulates on the ground.

If overspray is visibly detected, the Permittee shall maintain a record of the action taken as a result of the inspection, any repairs of the control device, or change in operations, so that overspray is not visibly detected at the exhaust or accumulates on the ground. These records must be maintained for five (5) years.

326 IAC 8-2-9 (Miscellaneous Metal Coating)

The surface coating booths are subject to 326 IAC 8-2-9 because the booths are used to paint metal products under the Standard Industrial Classification (SIC) Code 3713, the booths were

constructed after July 1, 1990, and the booths have actual VOC emissions greater than 15 pounds per day.

Pursuant to 326 IAC 8-2-9 (Miscellaneous Metal Coating Operations), the volatile organic compound (VOC) content of the coating delivered to the applicator at spray booths PB-01, PB-02, and PB-03 shall be limited to 3.5 pounds of VOCs per gallon of coating less water, for forced warm air dried coatings.

Solvent sprayed from application equipment during cleanup or color changes shall be directed into containers. Such containers shall be closed as soon as such solvent spraying is complete, and the waste solvent shall be disposed of in such a manner that evaporation is minimized.

Based on the MSDS submitted by the source and calculations made (see Appendix A, page 1), the spray booths are in compliance with this requirement.

326 IAC 8-2-2 (Automobile and Light-Duty Truck Coating Operations)

Although constructed after the July 1, 1990 applicability date, the paint booths PB-01, PB-02, and PB-03 are not subject to the requirements of 326 IAC 8-2-2 because this rule applies to automotive or light duty truck assembly plants.

Conclusion

The operation of this metal utility truck painting operation shall be subject to the conditions of the Minor Source Operating Permit Renewal 097-21439-00256.

**Appendix A: Emissions Calculations
VOC and Particulate
From Paint Booths PB-01, PB-02, and PB-03**

**Company Name: Altec Industries, Inc.
Address City IN Zip: 5201 West 84th Street, Indianapolis, IN 46268
Permit Number: 097-21439-00256
Pit ID: 097-00256
Reviewer: ERG/AAB
Date: July 11, 2005**

Material	Density (Lb/Gal)	Weight % Volatile (H2O & Organics)	Weight % Water	Weight % Organics	Volume % Water	Volume % Non-Volatiles (solids)	Gal of Mat. (gal/unit)	Maximum (unit/hour)*	Pounds VOC per gallon of coating less water	Pounds VOC per gallon of coating	Potential VOC pounds per hour	Potential VOC pounds per day	Potential VOC tons per year	Particulate Potential (ton/yr)	lb VOC/gal solids	Transfer Efficiency
Sherwin-Williams Primer	9.86	35.50%	0.0%	35.5%	0.0%	36.10%	3.40	0.125	3.50	3.50	1.49	35.70	6.52	2.96	9.70	75%
Sherwin-Williams Paint Mix	11.73	29.29%	0.0%	29.3%	0.0%	54.36%	4.45	0.125	3.44	3.44	1.91	45.87	8.37	5.05	6.32	75%
Gavlon Primer Mix	11.95	28.35%	0.0%	28.4%	0.0%	50.45%	1.10	0.125	3.39	3.39	0.47	11.18	2.04	1.29	6.72	75%
Deck Coating Durabak	7.22	32.00%	0.0%	32.0%	0.0%	57.00%	1.00	0.125	2.31	2.31	0.29	6.93	1.26	0.67	4.05	75%
Sealant	10.56	7.40%	0.0%	7.4%	0.0%	93.00%	0.25	0.125	0.78	0.78	0.02	0.59	0.11	0.00	0.84	100%
Underbody Paint Shield	10.68	4.09%	0.0%	4.1%	0.0%	42.00%	0.25	0.125	0.44	0.44	0.01	0.33	0.06	0.35	1.04	75%
Cleaning Solvent	6.44	65.00%	0.0%	65.0%	0.0%	0.00%	2.00	0.125	4.19	4.19	1.05	25.12	4.58	0.00	NA	100%

PTE for each booth

5.24 125.71 22.94 10.32

PTE for all three booths

15.71 377.13 68.83 30.97

***Note: Each paint booth can be used to coat and cure one utility truck in 8 hours (4 hours for priming, painting, masking, and de-masking and 4 hours for drying).**

METHODOLOGY

Pounds of VOC per Gallon Coating less Water = (Density (lb/gal) * Weight % Organics) / (1-Volume % water)

Pounds of VOC per Gallon Coating = (Density (lb/gal) * Weight % Organics)

Potential VOC Pounds per Hour = Pounds of VOC per Gallon coating (lb/gal) * Gal of Material (gal/unit) * Maximum (units/hr)

Potential VOC Pounds per Day = Pounds of VOC per Gallon coating (lb/gal) * Gal of Material (gal/unit) * Maximum (units/hr) * (24 hr/day)

Potential VOC Tons per Year = Pounds of VOC per Gallon coating (lb/gal) * Gal of Material (gal/unit) * Maximum (units/hr) * (8760 hr/yr) * (1 ton/2000 lbs)

Particulate Potential Tons per Year = (units/hour) * (gal/unit) * (lbs/gal) * (1- Weight % Volatiles) * (1-Transfer efficiency) *(8760 hrs/yr) *(1 ton/2000 lbs)

Pounds VOC per Gallon of Solids = (Density (lbs/gal) * Weight % organics) / (Volume % solids)

Total = Worst Coating + Sum of all solvents used

**Appendix A: Emissions Calculations
HAP Emissions
From Surface Coating Operations**

**Company Name: Altec Industries, Inc.
Address City IN Zip: 5201 West 84th Street, Indianapolis, IN 46268
Permit Number: 097-21439-00256
Plt ID: 097-00256
Reviewer: ERG/AAB
Date: July 11, 2005**

Coating	Materials Used in Mixed Paint	Density (Lb/Gal)	Gallons of Material (gal/unit)	Units per hour ⁽¹⁾ (units/hr)	Weight %					MEK Emissions (ton/yr)	Toluene Emissions (ton/yr)	Xylene Emissions (ton/yr)	Ethylbenzene Emissions (ton/yr)	Hexamethylene Diisocyanate (tons/yr)
					MEK	Toluene	Xylene	Ethylbenzene	Hexamethylene Diisocyanate					
Sherwin-Williams Primer	E2W938 Epoxy Primer	12.00	1.89	0.125	15.00%	0.00%	0.00%	0.00%	0.00%	1.86	0.00	0.00	0.00	0.00
	V6V941 Epoxy Reducer	7.90	0.47	0.125	10.00%	0.00%	30.00%	10.00%	0.00%	0.20	0.00	0.61	0.20	0.00
	R7K937 Flex-Grip 3.5	6.60	1.03	0.125	2.00%	0.00%	0.00%	0.00%	0.00%	0.07	0.00	0.00	0.00	0.00
Sherwin-Williams Paint mix (Genisis 3.5 VOC Acrylic Urethane System Paint ⁽²⁾)	Paint	13.00	3.30	0.125	5.00%	0.00%	0.00%	0.00%	0.00%	1.17	0.00	0.00	0.00	0.00
	Hardener	8.92	1.10	0.125	0.00%	0.00%	0.00%	0.00%	0.10%	0.00	0.00	0.00	0.00	0.01
Gavlon Primer Mix	8571 Primer Sealer	12.50	0.184	0.125	0.00%	0.00%	10.00%	0.00%	0.00%	0.00	0.00	0.13	0.00	0.00
	5130 Thinner	6.90	0.0145	0.125	0.00%	10.00%	0.00%	0.00%	0.00%	0.00	0.01	0.00	0.00	0.00
Deck Coating Durabak	(3)	7.22	1.00	0.125	0.00%	0.00%	32.00%	0.00%	0.00%	0.00	0.00	1.26	0.00	0.00
Sealant Sikaflex	(3)	10.56	0.25	0.125	0.00%	0.00%	10.00%	15.00%	0.00%	0.00	0.00	0.14	0.22	0.00
Underbody Paint Shield ⁽⁴⁾	(3)	10.68	0.25	0.125	0.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00
Cleaning Solvent ⁽⁴⁾	(3)	6.44	2.00	0.125	0.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00
PTE per booth (tons/yr)										3.31	0.01	2.15	0.42	0.01
PTE for all three booths (tons/yr)										9.94	0.02	6.44	1.26	0.02
Total HAPs (tons/yr)		17.66 (For all booths)												
		5.89 (for each booth)												

Notes:

- (1) Each paint booth can be used to coat and cure one utility truck in 8 hours (4 hours for priming, painting, masking, and de-masking and 4 hours for drying).**
- (2) This coating also contains an accelerator and reducer; based on the MSDSs, these materials contain no HAP.**
- (3) Product applied as received from the supplier.**
- (4) Underbody paint shield (Z Shield 600A) contains no HAPs.**

Methodology:

PTE (tons/yr) = (density of coating (lb/gal) * (gallons of coating per unit) * (no. of units per hour) * (% HAP content) * (8760 hour/yr) * (1ton/ 2000lbs)

**Appendix A: Emissions Calculations
Natural Gas Fired Heating Units**

Company Name: Altec Industries, Inc.
Address City IN Zip: 5201 West 84th Street, Indianapolis, IN 46268
Permit Number: 097-21439-00256
Plt ID: 097-00256
Reviewer: ERG/AAB
Date: July 11, 2005

Heat Input Capacity
MMBtu/hr

Potential Throughput
MMCF/yr

6.2

54.5

Note: Two 3.112 MMBtu/hour natural gas-fired air makeup units.

	Pollutant					
	PM*	PM10*	SO2	NOx	VOC	CO
Emission Factor in lb/MMCF	1.9	7.6	0.6	100.0 **see below	5.5	84.0
Potential Emission in tons/yr	0.052	0.21	0.016	2.7	0.15	2.3

*PM emission factor is filterable PM only. PM10 emission factor is filterable and condensable PM10 combined.

**Emission Factors for NOx: Uncontrolled = 100, Low NOx Burner = 50, Low NOx Burners/Flue gas recirculation = 32

Methodology

All emission factors are based on normal firing.

MMBtu = 1,000,000 Btu

MMCF = 1,000,000 Cubic Feet of Gas

Potential Throughput (MMCF) = Heat Input Capacity (MMBtu/hr) x 8,760 hrs/yr x 1 MMCF/1,000 MMBtu

Emission Factors are from AP 42, Chapter 1.4, Tables 1.4-1, 1.4-2, 1.4-3, SCC #1-02-006-02, 1-01-006-02, 1-03-006-02, and 1-03-006-03 (SUPPLEMENT D 3/98)

Emission (tons/yr) = Throughput (MMCF/yr) x Emission Factor (lb/MMCF)/2,000 lb/ton

See page 4 for HAPs emissions calculations.

**Appendix A: Emissions Calculations
Natural Gas-Fired Heating Units
HAPs Emissions**

Company Name: Altec Industries, Inc.
Address City IN Zip: 5201 West 84th Street, Indianapolis, IN 46268
Permit Number: 097-21439-00256
Plt ID: 097-00256
Reviewer: ERG/AAB
Date: July 11, 2005

HAPs - Organics					
Emission Factor in lb/MMcl	Benzene 2.1E-03	Dichlorobenzene 1.2E-03	Formaldehyde 7.5E-02	Hexane 1.8E+00	Toluene 3.4E-03
Potential Emission in tons/yr	5.725E-05	3.271E-05	2.045E-03	4.907E-02	9.269E-05

HAPs - Metals					
Emission Factor in lb/MMcl	Lead 5.0E-04	Cadmium 1.1E-03	Chromium 1.4E-03	Manganese 3.8E-04	Nickel 2.1E-03
Potential Emission in tons/yr	1.363E-05	2.999E-05	3.817E-05	1.036E-05	5.725E-05

Methodology is the same as page 3.

Total HAP (tons/yr) = 5.14E-02

The five highest organic and metal HAPs emission factors are provided above.
 Additional HAPs emission factors are available in AP-42, Chapter 1.4.

**Appendix A: Emissions Calculations
Emission Summary**

Company Name: Altec Industries, Inc.
Address City IN Zip: 5201 West 84th Street, Indianapolis, IN 46268
Permit Number: 097-21439-00256
Plt ID: 097-00256
Reviewer: ERG/AAB
Date: July 11, 2005

Emission Unit	PM	PM10	SO ₂	NO _x	CO	VOC	HAPs	
							Single	Total
PB-01	10.32	10.32	0	0	0	22.94	3.31 (methyl ethyl ketone)	5.89
PB-02	10.32	10.32	0	0	0	22.94	3.31 (methyl ethyl ketone)	5.89
PB-03	10.32	10.32	0	0	0	22.94	3.31 (methyl ethyl ketone)	5.89
Heating Units for Booth PB-03	0.052	0.21	0.016	2.7	2.3	0.15	0.049 (Hexane)	5.14E-02
Total	31.0	31.2	0.016	2.7	2.3	69.0		17.72