**Permittee:**
Unison Industries, LLC
7575 Baymeadows Way
Jacksonville, FL 32256

**FINAL Permit No.:** 0310237-004-AF
**Facility ID No.:** 0310237
**SIC Nos.:** 37
**Project:** Engine Components Manufacturing and Assembly

This Federally Enforceable State Operating Permit (FESOP) is for the operation of the Unison Industries, LLC – Jacksonville Facility. This facility is located at 7575 Baymeadows Way, Jacksonville, Duval County, FL; UTM Coordinates: Zone 17, 440.0 km East and 3344.8 km North; Latitude: 30° 13' 56" North and Longitude: 81° 34' 53" West.

This permit is issued under the provisions of Chapter 403, Florida Statutes (FS) and Florida Administrative Code (FAC) Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-296, and 62-297. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents, attached hereto or on file with the Environmental Resource Management Department, Environmental Quality Division (Department) in accordance with the terms and conditions of this permit.

**Operation Permit Application Due Date:** **September 30, 2011**
**Expiration Date:** **November 31, 2011**

**Environmental Resource Management Department**
**Environmental Quality Division**

_____

**Robert Steven Pace, P.E.**
**Air Quality Branch Manager**

RSP/DH/ef

## Section I. Facility Information

### Subsection A. Facility/Project Description

This facility designs and manufactures electrical components, sensors, and systems for aircraft, industrial, marine, military, and space uses. The facility operations include soldering, welding, brazing, glass sealing, braiding, impregnation, molding, painting, compounding, assembly, non-halogenated solvent degreasing, and toolroom.

The facility is a synthetic minor source of air pollution because the operational limit assumed by the owner will limit the potential emissions of Hazardous Air Pollutants (HAP) to less than 10 tons per year for a single HAP and less than 25 tons per year for total HAPs pursuant to Chapter 62-210, FAC, and Rule 2.301, JEPB.

### Subsection B. Summary of Emission Unit (EU) ID Nos. and Brief Descriptions

| EU No. | EU Description |
|---|---|
| 006 | Engine Components Manufacturing and Assembly |

### Subsection C. Relevant documents

Permit No.: 0310237-003-AV
Air operating permit application received October 12, 2006

## Section II. Facility Wide Conditions

### Subsection A. General Conditions

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions" and are binding and enforceable pursuant to Sections 403.141, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.

2. This permit is valid only for the specific process and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.

3. As provided in subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other department permit that may be required for other aspects of the total project which are not addressed in this permit.

4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgement of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore, nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.

6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.

7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times, access to the premises where the permitted activity is located or conducted to:
    a. Have access to and copy any records that must be kept under conditions of the permit;
    b. Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
    c. Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

    Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:
    a. A description of and cause of noncompliance; and
    b. The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance. The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.111 and 403.73, Florida Statutes. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

11. This permit is transferable only upon Department approval in accordance with Rules 62-4.120 and 62-730.300, FAC, as applicable. The permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the Department.

12. This permit or a copy thereof shall be kept at the work site of the permitted activity.

13. This permit also constitutes:

( ) Determination of Best Available Control Technology (BACT)
( ) Determination of Prevention of Significant Deterioration (PSD)
( ) Certification of Compliance with State Water Quality Standards (Section 401, PL 92-500)
( ) Compliance with New Source Performance Standards

14. The permittee shall comply with the following:
    a. Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
    b. The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by this permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
    c. Records of monitoring information shall include:
        1. The date, exact place, and time of sampling or measurements;
        2. The person responsible for performing the sampling or measurements;
        3. The date(s) analyses were performed;
        4. The person responsible for performing the analyses;
        5. The analytical techniques or methods used;
        6. The results of such analyses.

15. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.[Rule 62-4.160, FAC, and Rule 2.1301, Jacksonville Environmental Protection Board (JEPB)]

**Subsection B. Specific Conditions**

1. Any revision(s) to a permit (and application) shall be submitted to and approved by the Department prior to implementing.
   [Rule 62-4.080(2), FAC, and Rule 2.1301, JEPB]

2. Stack sampling ports and platforms shall not be required.

3. Permittee shall submit an annual operation report to the Department for this (these) emission unit(s) on the form(s) supplied for each calendar year on or before March 1.
   [Rule 62-210.370(3), FAC, and Rule 2.301, JEPB]

4. The permittee shall apply for a renewal operation permit sixty (60) days prior to the expiration date of this permit.
   [Rule 62-4.090, FAC, and Rule 2.1301, JEPB]

5. <u>General Pollutant Emission Limiting Standards. Objectionable Odor Prohibited.</u> The permittee shall not cause, suffer, allow, or permit the discharge of air pollutants which cause or contribute to an objectionable odor.

[Rule 62-296.320(2), FAC, and Rule 2.1001, JEPB]

6. The maximum allowable hazardous air pollutants (HAP) emissions from this facility shall not exceed 9.0 tons per year for any single HAP or 24.0 tons per year for any combination of HAP, on a 12 month rolling total basis. [Applicant's request]

7. The permittee shall submit all compliance related notifications and reports required of this permit to:

Environmental Resource Management Department
Environmental Quality Division
117 West Duval Street, Suite 225
Jacksonville, FL 32202
Telephone: (904) 630-4900
Fax: (904) 630-3638

## Section III. Emission Units and Conditions

### Emissions Unit No. 006 – Engine Components Manufacturing and Assembly

Emissions Unit Description - Electrical and non-electrical engine components are manufactured, assembled and tested. The assembly plant includes the following operations: paint shop, impregnation of capacitors, compound area, ignition and mold cure, ignition assembly area, cable and igniter assembly area, brazing and welding area, non-halogenated solvent degreasing, and toolroom.

### Essential Potential to Emit (PTE) Parameters

1. This emissions unit is allowed to operate continuously, i.e., 8,760 hours per year.
[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

### Emission Limitations and Standards

2. General Pollutant Emission Limiting Standards. Volatile Organic Compounds (VOC) Emissions or Organic Solvents (OS) Emissions. The permittee shall allow no person to store, pump, handle, process, load, unload, or use in any installation, VOC or OS without applying known and existing vapor emission control devices or systems deemed necessary and ordered by the Department.
[Rule 62-296.320(1)(a), FAC, and Rule 2.1001, JEPB]

### Recordkeeping and Reporting Requirements

3. Records shall be maintained monthly for the following:

a. Amount of coating applied
b. VOC content (lbs/gal) of coatings as applied
c. Amount of surface preparation, clean-up and wash-up solvent / thinner usage
d. VOC content of solvent / thinner
e. VOC emissions
f. Hazardous air pollutants (HAP) content of coatings and solvents
g. HAP emissions

Records shall be maintained for a minimum of five (5) years and made available to the Department upon request.
[Rule 62-4.070(3), FAC, and Rule 2.1301, JEPB]

4. Quarterly reports shall be submitted to the Department which contains the monthly records as specified in Specific Condition 4. The quarterly reports shall be submitted by the 30th day of the following month after the end of each quarter (January - March, April - June, July - September, and October - December). The final report, which is due by the 30th of January for the quarter of October - December, shall include a synopsis of the preceding year.
[Rule 62-4.070(3), FAC, and Rule 2.1301, JEPB.]

## FILING AND ACKNOWLEDGMENT

**FILED**, on this date, pursuant to S.120.52(7), Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

_____ _____
Clerk Date