

TECHNICAL EVALUATION
AND
PRELIMINARY DETERMINATION

I. GENERAL INFORMATION

A. APPLICANT

Mr. Adrian Button, Director of Operations
Unison Industries, LLC
7575 Baymeadows Way
Jacksonville, FL 32256

Permit No: 0310237-004-AF
County: Duval

B. PROJECT

On October 12, 2006, Unison Industries, LLC submitted a Federally Enforceable State Operation Permit (FESOP) application to establish federally enforceable limitations on the facility and affected emission unit that will effectively change the status of the facility to Non-Title V.

II. RULE APPLICABILITY

The facility is located in an area designated as attainment for the air pollutant sulfur dioxide, as unclassifiable for the air pollutant particulate matter less than or equal to ten (10) micrometers, in an air quality maintenance area for ozone, and in the area of influence of an air quality maintenance area for particulate matter pursuant to Chapter 62-204, Florida Administrative Code (FAC), and Rule 2.201, Jacksonville Environmental Protection Board (JEPB).

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.

III. TECHNICAL EVALUATION

Maximum facility wide emissions shall not exceed 9.0 tons per year for any single Hazardous Air Pollutant (HAP) and 24.0 tons per year for total HAP in order to maintain emissions below the major source HAP threshold. All tons per year limits are based on a 12-month rolling total.

Quarterly reports shall be submitted to the Department describing the usage of solvents, coatings, and VOC/HAP contents and emissions. 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.

IV. CONCLUSION

Based upon information provided by Unison Industries, LLC, the Department has reasonable assurance that the proposed limitations of the Engine Components Manufacturing and Assembly Plant, as described in this evaluation and subject to the conditions proposed herein, will not cause, or contribute to a violation of any ambient air quality standard or other technical provision of Chapters 62-296 and 62-297, FAC, JEPB Rules 2.1001 and 2.1101.