



THE AMERICAN ASSOCIATION FOR
LABORATORY ACCREDITATION

ACCREDITED LABORATORY

A2LA has accredited

ENGINEERED TESTING SYSTEMS, LLC
Indianapolis, IN

for technical competence in the field of

Electrical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *General Requirements for the Competence of Testing and Calibration Laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (*refer to joint ISO-ILAC-IAF Communiqué dated 18 June 2005*).



Presented this 17th day of September 2008.

A handwritten signature in black ink, appearing to read "Peter Abney".

President
For the Accreditation Council
Certificate Number 2680.02
Valid to August 31, 2010

For the tests or types of tests to which this accreditation applies,
please refer to the laboratory's Electrical Scope of Accreditation.

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

ENGINEERED TESTING SYSTEMS LLC
1711 West 15th Street
Indianapolis, IN 46202
Steve Golten Phone: 317-396-0573

ELECTRICAL (EMC)

Valid to: August 31, 2010

Certificate Number: 2680.02

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on military, automotive, and commercial electronic systems:

TEST PARAMETERS

TEST METHOD

Conducted Emissions
30 Hz to 26.5 GHz

MIL-STD-461D/E/F CE101, CE102, CE106

RTCA/DO-160C/D/E Section 21 Emission of Radio
Frequency Energy

CISPR 25(2002) Sections 6.2 and 6.3

Daimler Chrysler DC-11224 (Change A) Section 6.2

Ford Motor Company, ES-XW7T-1A278-AC, CE420

General Motors GMW3097 (2006) Section 3.3.2

Conducted Susceptibility/Immunity
30 Hz to 20 GHz

MIL-STD-461D/E/F CS101, CS103, CS104, CS105, CS109,
CS114, CS115, CS116

MIL-STD-461F CS106

RTCA/DO-160C/D/E Section 17 Voltage Spike, Section 18
Audio Frequency Conducted Susceptibility – Power Inputs,
Section 20 Radio Frequency Susceptibility (Radiated and
Conducted), Section 22 Lightning Induced Transient
Susceptibility

Ford Motor Company, ES-XW7T-1A278-AC, RI 112

General Motors GMW3097 (2006), Section 3.4.1

Radiated Emissions
30 Hz to 18 GHz

MIL-STD-461D/E/F RE101, RE102

RTCA/DO-160C/D/E Section 21 Emission of Radio
Frequency Energy

CISPR 25 (2002) Clause 6.4

Daimler Chrysler DC-11224 (Change A) Section 6.4

Ford Motor Company, ES-XW7T-1A278-AC, RE310

General Motors GMW3097 (2006) Section 3.3.1

Radiated Susceptibility/Immunity
30 Hz to 26.5 GHz

MIL-STD-461D/E/F RS101, RS103

RTCA/DO-160C/D/E Section 19 Induced Signal
Susceptibility, Section 20 Radio Frequency Susceptibility
(Radiated and Conducted)

Ford Motor Company, ES-XW7T-1A278-AC, RI 114

General Motors GMW3097 (2006) Section 3.4.2

*Also using customer-specified test methods based on the parameters listed above.