**THE AMERICAN ASSOCIATION FOR LABORATORY ACCREDITATION**

# ACCREDITED LABORATORY

A2LA has accredited

## KIMBALL ELECTRONICS GROUP
**Auburn, IN**

for technical competence in the field of

## Electrical Testing

The accreditation covers the specific tests and types of tests listed on the agreed scope of accreditation. This laboratory meets the requirements of ISO/IEC 17025 - 1999 "General Requirements for the Competence of Testing and Calibration Laboratories" and any additional program requirements in the identified field of testing.

Presented this 3rd day of June, 2004.

American Association for Laboratory Accreditation
Corporate SEAL 1978 District of Columbia
A2LA

President
For the Accreditation Council
Certificate Number 2182-01
Valid to: May 31, 2006

For 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 17025-1999

KIMBALL ELECTRONICS GROUP
AUBURN TEST LABORATORY EMC FACILITY
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Auburn, IN 46706
Norm Robertson Phone: 260 925 8900
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ELECTRICAL (AEMCLAP)

Valid to: May 31, 2006 Certificate Number: 2182.01

In recognition of the successful completion of the A2LA and the Automotive EMC Laboratory Accreditation Program (AEMCLAP) evaluation process, accreditation is granted to this laboratory to perform the following automotive electromagnetic compatibility and other electrical tests:

| Test Technology | Test Method(s) |
|---|---|
| ***AEMCLAP Tests*** | |
| Electrostatic Discharge (ESD), *Appendix F* (DC, Ford, GM) | ISO 10605, SAE J1113-13, GMW 3097 |
| Bulk Current Injection (BCI), *Appendix O* Substitution Method (DC, Ford, GM) | ISO 11452-4, SAE J1113-4, Ford ES-XW7T-1A278-AC RI112 |

***Non AEMCLAP Tests***

| Test Technology | Test Method(s) |
|---|---|
| Conducted Emissions | CISPR 25 Section 6.2 & 6.3, Ford ES-XW7T-1A278-AC CE 420, ISO 7637, SAE J113-42, Harley Davidson GES 22603-3.4.1 |
| Conducted Transient Immunity | Ford ES-XW7T-1A278-AC CI220, CI240, CI260, CI270; GMW3097; ISO 7637-2; ISO /DIS7637-2.2, SAE J1113-11 |
| Radiated Emissions | CISPR 25 Section 6.4, Ford ES-XW7T-1A278-AC, RE310 |