



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

YAZAKI TESTING CENTER
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ELECTRICAL (EMC)

Valid to: September 30, 2013

Certificate Number: 1804.02

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted this laboratory to perform the following tests:

Test Technology:

Test Method(s)¹:

Electrostatic Discharge (ESD)

Test Set-up/Location Designation:
Conducted Interference Room

ISO 10605 (2001, 2008)

RF Conducted Emissions

Test Set-up/Location Designation:
Semi-Anechoic Chambers #1 and #2

CISPR 25 (2002, 2008), Sections 6.2 and 6.3

RF Radiated Emissions

Test Set-up Designation:
Semi-Anechoic Chambers #1 and #2

CISPR 25 (2002, 2008), Section 6.4

Bulk Current Injection (BCI)

Substitution Method
Test Set-up/Location Designation:
Vehicle Reverb Chamber

ISO 11452-4 (2005)

Absorber-Lined Shielded Enclosure (ALSE)

200 MHz to 3.2 GHz
Test Set-up/Location Designation:
Semi-Anechoic Chambers #1 and #2

ISO 11452-2 (2004)

Reverberation Radiated Immunity Mode Tuned

400 MHz to 3.1 GHz, All Modulations
Test Set-up Designation/Location:
Component Reverb Chamber

ISO/IEC 61000-4-21 (2003) (*superseded*)²

Test Technology:

Conducted Transient Immunity
Conducted Transient Immunity – Signal Lines,
Coupling Clamp

Test Method(s)¹:

ISO 7637-2 (2004)
ISO 7637-3

Laboratory supports the various mechanical tests shown on certificate 1804.01 that includes the monitoring of electrical parameters, use of programmable load boxes, data acquisition systems, resistance, interface communications, voltage and current measurements that are enveloped under the following process measurement values:

AC Voltage	1mV to 1100V
DC Current	(0 to 500) A
AC Current	(0 to 500) A
DC Voltage	(0 to 1100) V
Resistance	(0 to 330) MΩ
Duration	(0.1μs to continuous)

¹When the date, revision or edition of a test method standard is not identified on the scope of accreditation, the laboratory is required to be using the current version within one year of the date of publication, per part C., Section 1 of A2LA R101 - *General Requirements- Accreditation of ISO-IEC 17025 Laboratories*. If a specifier/regulator imposes a different transition period, this will supersede the A2LA one year implementation period.

²This laboratory's scope contains withdrawn or superseded methods. As a clarifier, this indicates that the applicable method itself has been withdrawn or is now considered "historical" and not that the laboratory's accreditation for the method has been withdrawn.





The American Association for Laboratory Accreditation

World Class Accreditation

Accredited Laboratory

A2LA has accredited

YAZAKI TESTING CENTER

Canton, MI

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 8 January 2009*).

Presented this 25th day of January 2012.



A handwritten signature in black ink, reading "Peter Abney".

President & CEO
For the Accreditation Council
Certificate Number 1804.02
Valid to September 30, 2013

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