



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

YAZAKI TESTING CENTER  
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ELECTRICAL (EMC)

Valid to: September 30, 2019

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 on automotive components:

<b><u>Test Technology:</u></b>	<b><u>Test Method(s)<sup>1</sup>:</u></b>
Electrostatic Discharge (ESD)	ISO 10605 (2008)
RF Conducted Emissions	CISPR 25 (2008), Sections 6.2 and 6.3
RF Radiated Emissions	CISPR 25 (2008), Section 6.4
Bulk Current Injection (BCI) <i>Substitution Method</i>	ISO 11452-4 (2005 + Corr. 2009, 2011)
Absorber-Lined Shielded Enclosure (ALSE) <i>200 MHz to 3.2 GHz</i>	ISO 11452-2 (2004)
Reverberation Radiated Immunity Mode Tuned <i>400 MHz to 3.1 GHz, All Modulations</i>	ISO/IEC 61000-4-21 (2011)
Conducted Transient Immunity	ISO 7637-2 (2011)
Conducted Transient Immunity – Signal Lines, Coupling Clamp	ISO 7637-3 (2007)
Radiated Immunity – Portable Transmitters	ISO 11452-9 (2012)

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:

DC Current	(10pA to 400) A
DC Voltage	(100nV to 1kV)
Resistance	(10 $\mu\Omega$ to 100G $\Omega$ )
Duration	(25ps to 5000 hours)

<sup>1</sup>When the date, revision or edition of a test method standard is not identified on the scope of accreditation, the laboratory is expected to be competent in the use of 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*.





## 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 19<sup>th</sup> day of October 2017.

A handwritten signature in black ink, written over a horizontal line.

President and CEO  
For the Accreditation Council  
Certificate Number 1804.02  
Valid to September 30, 2019

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