



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

YAZAKI TESTING CENTER

6800 Haggerty Rd

Canton, MI 48187

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ELECTRICAL (EMC)

Valid to: September 30, 2021

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:

**Test Technology:**

**Test Method(s)<sup>1</sup>:**

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)

ISO 11452-4 (2005 + Corr. 2009, 2011)

*Substitution Method*

Absorber-Lined Shielded Enclosure (ALSE)

ISO 11452-2 (2004)

*200 MHz to 3.2 GHz*

Reverberation Radiated Immunity Mode Tuned

ISO/IEC 61000-4-21 (2011)

*400 MHz to 3.1 GHz, All Modulations*

Conducted Transient Immunity

ISO 7637-2 (2011)

Conducted Transient Immunity – Signal Lines,  
Coupling Clamp

ISO 7637-3 (2007)

Immunity to Magnetic Fields

ISO 11452-8 (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 17025:2017 *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 April 2017).



Presented this 7<sup>th</sup> day of November 2019.

A blue ink signature of the Vice President of Accreditation Services.

Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 1804.02  
Valid to September 30, 2021

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



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