



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

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ELECTRICAL

Valid To: June 30, 2026

Certificate Number: 7256.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on automotive, electrical, electronic, and mechanical components and assemblies:

Test:	Test Methods:
Absorber-Lined Shielded Enclosure (ALSE)	ISO 11452-2 ISO 11452-2 (Superseded 2004) SAE J1113-21
Bulk Current Injection (BCI)	ISO 11452-4 ISO 11452-4 (Superseded 2005; 2011) SAE J1113-4 SAE J1113-4 (Superseded 2014)
Conducted Immunity on Power lines Supply Voltage transients	ISO 7637-2 ISO 7637-2 (Superseded 2004) ISO 7637-4 SAE J1113-11
Conducted Immunity on Signal Lines	ISO 11452-10 ISO 7637-3 ISO 7637-3 (Superseded 2007) SAE J1113-12
Conducted Transient Emissions	ISO 7637-1 ISO 7637-2 ISO 7637-2 (Superseded 2004) ISO 7637-4
Electrical Loads	ISO 16750-1 ISO 16750-2 ISO 16750-2 (Superseded 2006; 2012)
Electrical Tests for Voltage Class B Systems and Components	ISO 21498-1 ISO 21498-2
Electrostatic Discharge (ESD)	ISO 10605 ISO 10605 (Superseded 2001; 2008) SAE J1113-13 SAE J1113-13 (Superseded 2015)

Test:	Test Methods:
HV-LV Coupling Test	CISPR 25 CISPR 25 (Superseded 2008; 2016)
Immunity to Magnetic Fields	ISO 11452-8 ISO 11452-8 (Superseded 2007) SAE 1113-22
Immunity to Voltage Fluctuations, Disturbances of the Supply Voltage Lines (Dropouts, Dips, Cranking, Ramp Up/Down)	ISO 16750-2 ISO 16750-2 (Superseded 2006; 2012)
Method of Testing for Immunity of Vehicles to Electromagnetic Radiation	ISO 11451-2 ISO 11451-2 (Superseded 2005) ISO 11451-3 ISO 11451-3 (Superseded 2007; 2015)
Over/Under, Reverse, Jump Start, Defective Regulator Voltages, Electrical Stress	ISO 16750-2 ISO 16750-2 (Superseded 2006; 2012)
Portable Transmitter RF Immunity	ISO 11452-9 ISO 11452-9 (Superseded 2012)
RF Conducted Emissions	CISPR 25 CISPR 25 (Superseded 2008; 2016) ICES-002 SAE J1113-41
RF Radiated Emissions	CISPR 12 CISPR 25 CISPR 25 (Superseded 2008; 2016) CISPR 36 ICES-002 SAE J1113-41
Road vehicles — Supply Voltage of 48 V — Electrical Requirements and Tests	ISO 21780
Stripline Immunity	ISO 11452-5 SAE J1113-23
Transverse Electromagnetic (TEM) Cell	ISO 11452-3 ISO 11452-3 (Superseded 2001; 2016) SAE J1113-24
Generic Product Specific Automotive Component EMC Standards	BMW GS95002 BMW GS95002 (Superseded 2010) BMW GS95002-2 BMW GS95002-2 (Superseded 2021) BMW GS95002-3 BMW GS95002-3 (Superseded 2015) BMW GS95002-5 BMW GS95002-5 (Superseded 2015) BMW GS95003-2 BMW GS95003-2; (Superseded 2010) BMW GS-95023 BMW GS95024-2-1 BMW GS95024-2-1 (Superseded 2010) BMW GS95024-2-2 BMW GS95024-2-2 (Superseded 2011)

Test:	Test Methods:
<p><i>Generic Product Specific Automotive Component EMC Standards continued</i></p>	<p>BMW GS95024-2-3 BMW GS95024-2-3 (Superseded 2011) BSL 0006-100 BSL 0006-100 (Superseded 2015) CEVT Reg. No. 8888621495-1 CEVT Reg. No. 8888621495-2 CEVT Reg. No. 8888621495-3 CEVT Reg. No. 8888621495-4 Claas (CN 05 0215-1) CS.000244 CS.000245 CS.000246 FCA CS.00054 FCA CS.00054 (Superseded 2015; 2018) Fiat 9.90110 Fiat 9.90110 (Superseded 2007) Fiat 9.90111 Fiat 9.90111/01 Fiat 9.90111/01 (Superseded 2012) FMC 1278 FMC 1278 (Superseded 2018; 2021) FMC 1280 FMC 1280 (Superseded 2018) FPT FPI9.EMS011 GMW 3097 GMW 3097 (Superseded 2015; 2019) GMW 3172 GMW 3172 (Superseded 2015; 2018) Hyundai/Kia ES 96200-00 Hyundai/Kia ES 96200-00 (rev 20) JLR-EMC-CS JLR-EMC-CS v1.0 John Deere JDQ 203 John Deere JDQ 203 (Superseded 2013; 2018) Lotus LTS 41001 Lotus LTS 41001-2019 LV 123 LV 124-1 LV 148 MACLAREN MSL.03.04 MBN 10284-2 MBN 10284-2 (Superseded 2008; 2011; 2015; 2019) MBN 10284-4 MBN 10284-4 (Superseded 2011; 2017) MBN 11123 MBN 11123 (Superseded 2019) MBN LV 123 MBN LV 123 (Superseded 2014) MBN LV 124-1 MBN LV 124-1 (Superseded 2011; 2013) MES PW 67602 D MES PW 67602 D (Superseded 2019) Mitsubishi ES-X82114 Mitsubishi ES-X82114 (Superseded 2009)</p>

Test:	Test Methods:
<p><i>Generic Product Specific Automotive Component EMC Standards continued</i></p>	<p>NAVISTAR DR100159-06_Electrical_Environmental_Spec Nissan 28400 NDS91 Nissan 28400 NDS91 (Superseded 2012) Nissan 28401 NDS02 Nissan 28401 NDS02 (Superseded 2010; 2013; 2016) Piaggio 7431 PSA B21 7110 PSA B21 7110 (Superseded 2008; 2012; 2015; 2019) PSA B21 7112 Renault 36-00-808 Renault 36-00-808 (Superseded 2010; 2012; 2016) Renault 36-00-811 Renault-Nissan RNDS-C-00513 Renault-Nissan RNDS-C-00513 v4.0 Renault-Nissan RNDS-C-00517 Renault-Nissan RNDS-C-00517 v3.0 Rivian EMC Component Standard SAME DEUTZ FAHR SCANIA TB1901 SCANIA TB1901 (Superseded 2016; 2020) SPT 0024 TESLA TS-0000048-07 TESLA TS-0000425-05 Triumph (S5263) TSC0501G TSC0502G Volvo Note-Treg 33659457 Volvo Note-Treg 33659457 (Superseded 2019) Volvo REQ-043878 Volvo STD 515-0003 Volvo STD 515-0003 (Superseded 2009; 2017) VW 80000 VW 80000 (Superseded 2013; 2017) VW 80101 VW 80101 (Superseded 2006; 2009) VW 80300 VW 80300 (Superseded 2016) VW 80303 VW 80303 (Superseded 2014) VW TL 81000 VW TL 81000 (Superseded 2013; 2014; 2016; 2018; 2021) VW/Audi/Porsche VW80101 ZOOX ZIST-EMC</p>



Accredited Laboratory

A2LA has accredited

LGAI TECHNOLOGICAL CENTER S.A.

Bellaterra, SPAIN

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 6th day of August 2024.

A blue ink signature of Mr. Trace McInturff, written over a horizontal line.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 7256.01
Valid to June 30, 2026

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