SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

CLARK DYNAMIC TESTING LABORATORY, INC.
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ELECTRICAL

Valid To: October 31, 2022 Certificate Number: 1337.02

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on Automotive, Industrial, Off-Highway, Agricultural, Medical Devices, Defense/Military, Heavy Equipment, Transportation, Rail, Nuclear Power Generation, Aerospace, Electric Motors, Gearboxes, and Drivetrain Components:

Test Technology:	**Test Method(s) [1]:**
Conducted Emissions	MIL-STD-461E, CE101; MIL-STD-461F, CE101 (30 Hz – 10 kHz); MIL-STD-461E, CE102; MIL-STD-461F, CE102 (10 kHz – 10 MHz); MIL-STD-461E, CS101; MIL-STD-461F, CS101 (30 Hz – 150 kHz)
Conducted Susceptibility	MIL-STD-461E, CS101; MIL-STD-461F, CS101 (30 Hz – 150 kHz); MIL-STD-461E, CS114; MIL-STD-461F, CS114 (10 kHz – 200 MHz)
Radiated Emissions	MIL-STD-461E, RE101; MIL-STD-461F, RE101 (30 Hz – 100 kHz); MIL-STD-461E, RE102; MIL-STD-461F, RE102 (10 kHz – 18 GHz)
Radiated Susceptibility	MIL-STD-461E, RS101; MIL-STD-461F, RS101 (30 Hz – 100 kHz) *(excluding sec. 5.19.4)*; MIL-STD-461E, RS103; MIL-STD-461F, RS103 (2 MHz – 18 GHz to 50 V/m at 3 m Distance) *(excluding sec. 5.20.4)*

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Test Technology:	**Test Method(s) [1]:**
Electromagnetic Compatibility	EN 61000-6-3 (2001); EN 61000-6-4 (2007) + A1 (2011); EN 50121-4 (2001); EN 50121-5 (2006); EN 55011 (2009) + A1 (2010)
Immunity	IEC/EN 61000-6-1 (2007); IEC/EN 61000-6-2 (2005); IEC/EN 61000-4-2 (2009-05), (10 kV DD) (16 kV AD); IEC/EN 61000-4-6 (2009) (150 kHz – 80 MHz) (140 dBµV); IEC/EN 61000-4-3 (2006) + A1 (2008) + A2 (2010) (2 MHz – 18 GHz), (50 V/m at 3 m Distance); IEC/EN 61000-4-5 (2006) (6 kV); IEC/EN 61000-4-4 (2004) + A1 (2010) (4 kV); IEC/EN 61000-4-8 (2010) (100 A/m); IEC/EN 61000-4-9 (2010) (1000 A/m); IEC/EN 61000-4-13 (2000); IEC/EN 61000-4-29 (2009)
FCC	
Emissions	FCC CFR 47 Part 15B (ANSI C63.4; CISPR 32; EN 55032); FCC CFR 47 Part 18 (MP5-1986) (30 MHz - 1000 MHz) *(excluding section 3)*

[1] When the date, edition, version, etc. is not identified in the scope of accreditation, laboratories may use the version that immediately precedes the current version for a period of one year from the date of publication of the standard measurement method, per part C., Section 1 of A2LA *R101 - General Requirements- Accreditation of ISO-IEC 17025 Laboratories*.

Testing Activities Performed in Support of FCC Certification in Accordance with 47 Code of Federal Regulations and FCC KDB 974614, Appendix A, Table A.1[2]

Rule Subpart/Technology	**Test Method**	**Maximum Frequency (MHz)**
Unintentional Radiators		
Part 15B	ANSI C63.4:2014	1000
Industrial, Scientific, and Medical Equipment		
Part 18	FCC MP-5:1986	1000

[2] Accreditation does not imply acceptance to the FCC equipment authorization program. Please see the FCC website (https://apps.fcc.gov/oetcf/eas/) for a listing of FCC approved laboratories.

Accredited Laboratory

A2LA has accredited

CLARK DYNAMIC TESTING LABORATORY, INC.

Jefferson Hills, PA

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 10th day of November 2020.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 1337.02
Valid to October 31, 2022

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