



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

SCI-LAB MATERIALS TESTING INC.
150 Trillium Drive
Kitchener, Ontario, CANADA, N2E 2C4
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ELECTRICAL

Valid To: March 31, 2019

Certificate Number: 2743.02

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following types of tests on Components and Assemblies (Wiring and Related Products):

Capabilities

Spark Tester *	Voltage Range: (500 to 15 000) Vrms Wire Diameter: Up to 1"
High Resistance Ohm-Meter *	Resistance: 0.01 MΩ to 20 GΩ Voltage: (0.1 to 1 999) mV Capacitance: 0.1 nF to 9,99 μF
AC & DC Hi-Pot *	AC Voltage: (100 to 5 000) V AC (50 or 60 Hz) AC Current: 20 mA max DC Voltage: (100 to 6 000) V DC DC Current: (0.10 to 7.50) mA
DC Cable Tester (Resistance/Voltage) *	Max. Connections: 1 664 Pinouts Voltage: (50 to 1 500) V DC 4-Wire Resistance: (0.001 to 10) Ω High Voltage Ins. Res.: 5 MΩ to 1 GΩ

Tests:

Test Method(s) ¹:

Specifications

D-C Resistance or Conductance of Insulating Materials	ASTM D257; SAE J1128; MIL-STD-202, Method 303
Insulation Resistance	MIL-STD-202, Method 302
Crimp Connections	VW 603 30; MIL-STD-202H, Methods 302 & 303
Spark Tester	MIL-STD-3432H

Tests:

Test Method(s) ¹:

Specifications (Cont.)

Surface & Volume Resistivity

IEC 60093;
MIL-DTL-3432H;
NES M0141

Dielectric Withstand

MIL-STD-202H, Method 301

*Also using customer specific test methods utilizing any combination of test equipment parameters listed above.

¹ When 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.*





Accredited Laboratory

A2LA has accredited

SCI-LAB MATERIALS TESTING, INC.

Kitchener, Ontario, Canada

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 20th day of March 2017.

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

President and CEO
For the Accreditation Council
Certificate Number 2743.02
Valid to March 31, 2019

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