

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

SCI-LAB MATERIALS TESTING INC.
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ELECTRICAL

Valid To: October 31, 2010

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):

TEST

TEST METHOD

D-C Resistance or Conductance of Insulating Materials	ASTM D257
ESD Immunity Testing	EN 61000-4-2
Tests A: Cold	IEC 68-2-1
Test N: Change of Temperature	IEC 68-2-14
Test R and Guidance: Water	IEC 68-2-18
Tests B: Dry Heat	IEC 68-2-2
Test Ea and Guidance: Shock	IEC 68-2-27
Guidance for Damp Heat Tests	IEC 68-2-28
Test Eb and Guidance: Bump	IEC 68-2-29
Test Ca: Damp Heat, Steady State	IEC 68-2-3
Test Db and Guidance: Damp heat Cyclic (12+12-hour cycle)	IEC 68-2-30
Test Ed: Free Fall	IEC 68-2-32
Test Kc: Sulfur Dioxide Test for Contacts and Connections	IEC 68-2-42
Test Kd: Hydrogen Sulfide Test for Contacts and Connections	IEC 68-2-43
Test Sa: Simulated Solar Radiation at Ground Level	IEC 68-2-5
Test Cb: Damp Heat, Steady State, Primarily for Equipment	IEC 68-2-56
Test L: Dust and Sand	IEC 68-2-68
Test Ga and Guidance: Acceleration, Steady State	IEC 68-2-7
Insulation resistance	MIL-STD 202 Meth. 302
Insulation Resistance	MIL-STD 202-302
Dielectric Withstand Voltage	MIL-STD 202-301
DC Resistance	MIL-STD 202-303

TEST

Insulation Resistance
Joint SAE/TMC Recommended Environmental
Practices for Electronic Equipment Design
Dust Exposure
Crimp Connections

TEST METHOD

MIL-STD-202-302
SAE J1455
SAE J726
VW 603 30