



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

DSC TESTING LABORATORY
3301 Langstaff Road
Concord, Ontario L4K 4L2 Canada
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ELECTRICAL

Valid to: July 31, 2019

Certificate Number: 2082.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following electrical testing:

Test Technology

Product Safety

Test Method(s)

EN 60950:2001
(Excluding Flammability);

IEC 60950
(Excluding Flammability);

EN 60950-1:2006 + AC:2011
(Excluding Flammability, Cathode Ray Tube, Ionizing Radiation,
Ultraviolet Conditioning Testing, and Protection Against Excessive
Sound Pressure from Personal Music Players);

AS/NZS 60950:2000
(Excluding Flammability);

AS/NZS 3260¹
(Excluding Flammability);

EN 50130-5
(Dry Heat, Cold, Temperature Change, Damp Heat and Impact);

AS/NZS 60950.1:2003; AS/NZS 60950.1:2011+ A1/2012-11-09
(Excluding Flammability, Cathode Ray Tube, Ionizing Radiation,
and Ultraviolet Conditioning Testing);

EN 62368-1:2014² (Excluding Flammability, Static Stability,
Safeguards Against X-radiation, Safeguards Against Acoustic
Energy Sources, Pressurized Liquid Filled Components –
Hydrostatic Pressure Test and Vibration Test, Risk of Explosion
from Lead Acid and NiCd Batteries);

Test Technology

Product Safety (*cont'd*)

Test Method(s)

IEC 62368-1² (*Excluding Flammability, Static Stability, Safeguards Against X-radiation, Safeguards Against Acoustic Energy Sources, Pressurized Liquid Filled Components – Hydrostatic Pressure Test and Vibration Test, Risk of Explosion from Lead Acid and NiCd Batteries*);

IEC 62599-1, Edition 1
(Dry Heat, Cold, Temperature Change, Damp Heat, and Impact);

EN 60335-1:1994¹ for Safety Extra Low Voltage (SELV) Battery Powered Equipment, Clauses:

- 8 – Protection Against Accessibility to Live Parts;
- 11 – Heating;
- 13 – Leakage Current and Electrical Strength at Operating Temp.;
- 15.1, 15.3 – Moisture Resistance;
- 16 – Leakage Current and Electrical Strength;
- 17 – Overload Protection of Transformers and Associated Circuits;
- 19 – Abnormal Operation;
- 22 – Construction;
- 23 – Internal Wiring;
- 24.1 to 24.5 – Components;
- 25.3 – Supply Connection and External Flexible Cords;
- 26 – Terminals for External Conductors;
- 27 – Provision for Earthing;
- 28 – Screws and Connections;
- 29 – Creepage Distances, Clearances, Distances through Insulation;
- 30 – Resistance to Heat, Fire and Tracking;
- 31 – Resistance to Rusting

Telephone Terminal Equipment – Technical Requirements for Connection of Terminal Equipment to the Telephone Network

ANSI/TIA-968-B-3, July 2016 (*Excluding Digital Transmission Testing, Hearing Aid Compatibility, Volume Control, Digital Services, and Mechanical Stability*);

Industry Canada CS-03 Part 1, Issue 9, 2004
(Including Amendment 5, March 2016) (*Excluding Mechanical Stability*);

AS/CA S002:2015 Analogue Interworking and Non-Interference Requirements for Customer Equipment for Connection to the Public Switched Telephone Network (*Excluding Intrusion Tones, Recall Signal, Release Signal, and Technical Conditions for Recording of Telephone Conversations*);

ETSI Technical Basis For Regulation TBR21, January 1998;

ETSI ES 203 021-1 V2.1.1 (2005-08);

Test Technology

Telephone Terminal
Equipment (*cont'd*)

Test Method(s)

ETSI ES 203 021-2 V2.1.2 (2006-01);

ETSI ES 203 021-3 V2.1.2 (2006-01);

South Africa TE001, Issue 5, 2006

On the following products or types of products:

Information Technology Equipment (ITE) (*Single Phase Only*) and Telephone Terminal Equipment

¹ NOTE: This laboratory's scope contains withdrawn or superseded methods. As a clarifier, this indicates that the applicable method itself has been withdrawn or is now considered "Historical", and not that the laboratory's accreditation for the method has been withdrawn.

² NOTE: The laboratory is only accredited for testing activities outlined within the test methods listed above. Reference to any other activity within these standards, such as risk management or risk assessment, does not fall within the laboratory's accredited capabilities.



Accredited Laboratory

A2LA has accredited

DSC TESTING LABORATORY

Concord, 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 30th day of May 2017.

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

President and CEO
For the Accreditation Council
Certificate Number 2082.01
Valid to July 31, 2019

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