

TESTING AND CALIBRATION LABORATORY ACCREDITATION PROGRAM (LAP)

Scope of Accreditation

Legal Name of Accredited Laboratory: Intertek Testing Services NA Inc.

Location Name or Operating as (if applicable): **Intertek Cortland Laboratory**

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To ensure compliance with the Official Languages Act, the Standards Council of Canada (SCC) translated proprietary content from English to French when it was not available in French. In case of discrepancies between the English and French versions, the original version of the method prevails.

SCC File Number:	15136
Accreditation Standard(s):	ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories
Fields of Testing:	Biological Electrical/Electronic Mechanical/Physical Thermal & Fire Resistance
Program Specialty Area:	None
Initial Accreditation:	1991-12-10
Most Recent Accreditation:	2023-08-14
Accreditation Valid to:	2023-12-10

Remarque: La présente portée d'accréditation existe également en français, sous la forme d'un document distinct.

Note: This scope of accreditation is also available in French as a separately issued document.
 Other location: 75 Clinton Avenue, Cortland NY

The following is a Scope of Accreditation for which this testing laboratory has been accredited to ISO/IEC 17025:2017. Note that the parent organization is also accredited as a certification body. The parent organization's Scope of Accreditation for certification activities may be broader than the listing of standards and test methods that appear below. Refer to the parent organization's Scope of Accreditation granted by the SCC for certification activities found at:
<http://www.scc.ca/en/accreditation/product-process-and-service-certification/directory-of-accredited-clients>

Where standards, such as product standards, are listed below, the laboratory is considered accredited only for the testing elements in those standards.

ELECTRICAL PRODUCTS AND ELECTRONIC PRODUCTS

Communications Equipment and Systems:

Wiring and Related Products

C22.2 No. 126.1	Metal Cable Tray Systems
C22.2 No. 126.2	Nonmetallic Cable Tray Systems
C22.2 No. 127 UL 66	Equipment and Lead Wires
C22.2 No. 130 UL 515	Requirements for Electrical Resistance Trace Heating and Heating Device Sets
C22.2 No. 210 UL 758	Appliance Wiring Material Products
C22.2 No. 230 UL 1277	Tray Cables
C22.2 No. 233	Cords and Cord Sets for Communication Systems
C22.2 No. 239	Control and Instrumentation Cables
C22.2 No. 245 UL 1309	Marine Shipboard Cable
C22.2 No. 2556 UL 2556	Wire and Cable Test Methods
C22.2 No. 262 UL 2024	Optical Fiber Cable and Communication Cable Raceway Systems
C22.2 No. 271	Photovoltaic Cables
C22.2 No. 48 UL 719	Standard for Nonmetallic-Sheathed Cables
C22.2 No. 96.2 UL 1650	Down Tower Power Cables for Wind Turbine Applications Rated 2 - 35 kV
C68.10 UL 1072	Shielded power cable for commercial and industrial applications, 5 - 46 kV
CSA C22.2 No. 214 UL 444	Communications Cable
CSA C22.2 No. 232	Optical Fiber Cables

Components and Assemblies

Wiring and Related Products

CSA C22.2 No. 0.3	Test Methods for Electrical Wires and Cables Except for: Clause 4.36.3 - Circuit Integrity
CSA C22.2 No. 131	Type TECK 90 Cable
CSA C22.2 No. 208	Fire Alarm and Signal Cable

CSA C22.2 No. 21	Cord Sets & Power-Supply Cords Except for: Clauses 6.11 Mechanical Drop - Hospital Grade Attachment Plug and Cord Connector 6.13 Cycling Heat 6.14 Endurance (Cord Reel) 6.15 Heating (Cord Reel) 6.16 Normal Heating (Cord Reel) 6.19 Endurance (Extension Cord Set Storage Winder) 6.24 Overload 6.25 Abrupt Pull (Cords Employing a Grounding Conductor) 5.26 Improper Insertion
CSA C22.2 No. 38	Thermoset Insulated Wires and Cables
CSA C22.2 No. 49	Flexible Cords and Cables
CSA C22.2 No. 51	Armored Cables
CSA C22.2 No. 75	Thermoplastic Insulated Wires & Cables
CSA C22.2 No. 327	HDPE conduit, conductors-in-conduit and fittings

Equipment, Miscellaneous:

Hazardous Location Equipment

CAN/CSA C22.2 No. 60079-0	Electrical apparatus for explosive gas atmospheres- Part 0: General requirements
CAN/CSA C22.2 No. 60079-1	Electrical apparatus for explosive gas atmospheres- Part 1: Flameproof enclosures "d" - first edition
CAN/CSA C22.2 No. 60079-11	Explosive Atmospheres – Part 11: Equipment protection by intrinsic safety "i"
CAN/CSA C22.2 No. 60079-15	Electrical Apparatus for Explosive Gas Atmospheres - Part 15: Type of Protection "n"
CAN/CSA C22.2 No. 60079-18	Explosive atmospheres - Part 18: Equipment protection by encapsulation "m"
CAN/CSA C22.2 No. 60079-2	Explosive atmospheres - Part 2: Equipment protection by pressurized enclosure "p"
CAN/CSA C22.2 No. 60079-25	Explosive atmospheres - Part 25: Intrinsically safe systems
CAN/CSA C22.2 No. 60079-26	Explosive atmospheres - Part 26: Equipment with equipment protection level (EPL) Ga
CAN/CSA C22.2 No. 60079-28	Explosive atmospheres - Part 28: Protection of equipment and transmission systems using optical radiation
CAN/CSA C22.2 No. 60079-30-1	Explosive atmospheres - Part 30-1: Electrical resistance trace heating - General and testing requirements
CAN/CSA C22.2 No. 60079-31	Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
CAN/CSA C22.2 No. 60079-5	Explosive atmospheres - Part 5: Equipment protection by powder filling "q"

CAN/CSA C22.2 No. 60079-6	Explosive atmospheres - Part 6: Equipment protection by liquid immersion "o"
CAN/CSA C22.2 No. 60079-7	Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
CSA C22.2 No. 137	Electric Luminaires for Use in Hazardous Locations
CSA C22.2 No. 138	Heat Tracing Cable and Cable Sets for Use in Hazardous Locations
CSA C22.2 No. 145	Motors and Generators for Use in Hazardous Locations
CSA C22.2 No. 157	Intrinsically Safe and Non-Incendive Equipment for Use in Hazardous Locations
CSA C22.2 No. 213	Non-Incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations
CSA C22.2 No. 22	Electrical Equipment for Flammable and Combustible Fuel Dispensers
CSA C22.2 No. 25	Enclosures for Use in Class II Groups E, F and G Hazardous Locations
CSA C22.2 No. 30	Explosion-Proof Enclosures for Use in Class I Hazardous Locations
IEC 60079-0	Electrical apparatus for explosive gas atmospheres- Part 0: General requirements
IEC 60079-1	Electrical apparatus for explosive gas atmospheres- Part 1: Flameproof enclosures "d"
IEC 60079-11	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
IEC 60079-13	Explosive atmospheres -Part 13: Equipment protection by pressurized room 'p'
IEC 60079-15	Electrical Apparatus for Explosive Gas Atmospheres - Part 15: Type of Protection "n"
IEC 60079-18	Explosive atmospheres - Part 18: Equipment protection by encapsulation "m"
IEC 60079-2	Explosive atmospheres - Part 2: Equipment protection by pressurized enclosure "p"
IEC 60079-25	Explosive atmospheres - Part 25: Intrinsically safe systems
IEC 60079-26	Explosive atmospheres - Part 26: Equipment with equipment protection level (EPL) Ga
IEC 60079-27	Explosive atmospheres - Part 27: Fieldbus intrinsically safe concept (FISCO)
IEC 60079-28	Explosive atmospheres - Part 28: Protection of equipment and transmission systems using optical radiation
IEC 60079-30-1	Explosive atmospheres - Part 30-1: Electrical resistance trace heating - General and testing requirements
IEC 60079-31	Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"

IEC 60079-5	Explosive atmospheres - Part 5: Equipment protection by powder filling "q"
IEC 60079-6	Explosive atmospheres - Part 6: Equipment protection by liquid immersion "o"
IEC 60079-7	Explosive atmospheres - Part 7: Equipment protection by increased safety "e"

ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND SAFETY

(Protective Clothing)

ASTM F1670	Standard Test Method for Resistance of Materials Used in Protective Clothing to Penetration by Synthetic Blood
ASTM F1790	Standard Test Method for Measuring Cut Resistance of Materials Used in Protective Clothing
ASTM F739	Standard Test Method for Permeation of Liquids and Gases through Protective Clothing Materials under Conditions of Continuous Contact
ASTM F903	Standard Test Method for Resistance of Materials Used in Protective Clothing to Penetration by Liquids.
ANSI 105	Glove Hand Protection
ANSI 138	Glove Impact Protection

Personal Protection

AS 4381	Single-use face masks for use in health care
ANSI Z358.1 (ISEA Z358.1)	Emergency Eyewash and Shower Equipment
ASTM F2100	Standard Specification for Performance of Materials Used in Medical Face Masks
ASTM F2101	Standard Test Method for Evaluating the Bacterial Filtration Efficiency (BFE) of Medical Face Mask Materials, Using a Biological Aerosol of Staphylococcus aureus
ASTM F1862	Standard Test Method for Resistance of Medical Face Masks to Penetration by Synthetic Blood (Horizontal Projection of Fixed Volume at a Known Velocity)
ISO 16603	Clothing for protection against contact with blood and body fluids — Determination of the resistance of protective clothing materials to penetration by blood and body fluids — Test method using synthetic blood
ISO 16604	Clothing for protection against contact with blood and body fluids — Determination of resistance of protective clothing materials to penetration by blood-borne pathogens — Test method using Phi-X 174 bacteriophage
42 CFR Part 84	Respiratory Protective Devices
TEB-STP-0003	Determination of Exhalation Resistance
TEB-STP-0004	Determination of Exhalation Valve Leakage
TEB-STP-0005	Determination of Qualitative Isoamyl Acetate Facepiece Fit
TEB-STP-0007	Determination of Inhalation Resistance
TEB-STP-0051	Filter Efficiency determination P100

TEB-STP-0056	Filter Efficiency determination R95
TEB-STP-0057	Filter Efficiency determination N100
TEB-STP-0058	Filter Efficiency determination N99
TEB-STP-0059	Filter Efficiency determination N95
Mil 36954C	Mask, Surgical, Disposable
EN 14683	Medical face masks - Requirements and test methods
ASTM F3502-21	Standard Specification for Barrier Face Coverings Only for: <ul style="list-style-type: none"> Sections 4.1.1 and 8.1 Sub-micron Particulate Filtration Efficiency, and Sections 4.1.2 and 8.2 Airflow Resistance
PB 70	Liquid Barrier Performance and Classification of protective apparel and drapes intended for use in health care facilities
AATCC 127	Water Resistance: Hydrostatic Pressure Test
AATCC 42	Test method for water resistance: Impact Penetration

Personal Protection (NFPA Methods except for: Total Heat Loss, Wet Flex, Adhesion after Wet Flex and Flex at Low Temperatures)

NFPA 1975	Station/Work Uniforms for Fire Fighters
NFPA 1977	Protective Clothing and Equipment for Wildland Fire Fighting (Helmets, Clothing, Footwear)
NFPA 1981	Open-Circuit Self Contained Breathing Apparatus for the Fire Service (SCBA)
NFPA 1982	Personal Alert Safety Systems (PASS) for Fire Fighters
NFPA 1991	Vapor-Protective Suits for Hazardous Chemical Emergencies Except for: Slip test, Warfare agent permeation
NFPA 1992	Liquid Splash Protective Suits for Hazardous Chemical Emergencies Except for: Slip test, Warfare agent permeation
NFPA 1994	Standard of Protective Ensemble for Chemical/Biological Terrorism Incidents Except for: Slip test, Warfare agent permeation
NFPA 1999	Protective Clothing for Emergency Medical Operations Except for: Slip test, Warfare agent permeation
NFPA 2112	Standard on Flame-Resistant Garments for Protection of Industrial Personnel Against Flash Fire Except for: Section 8.5

(Thermal Imagers)

NFPA 1801	Standard on Thermal Imagers for the Fire Service Except for: EMC
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NON-METALLIC MINERALS AND PRODUCTS

Glass and Glass Products:

CGSB 12.1	Tempered or Laminated Safety Glass
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Number of Scope Listings: 104

Notes:

ISO/IEC 17025:2017: General Requirements for the Competence of Testing and Calibration Laboratories

* These test methods can be performed on-site as per RG-On-Site-Testing.

This document forms part of the Certificate of Accreditation issued by the Standards Council of Canada (SCC). The original version is available in the Directory of Accredited Laboratories on the SCC website at www.scc.ca.

Elias Rafoul
Vice-President, Accreditation Services
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