



## TESTING AND CALIBRATION LABORATORY ACCREDITATION PROGRAM (LAP)

### Scope of Accreditation

Accredited Laboratory No. 54

**Legal Name of Accredited Laboratory:** Intertek Testing Services NA Ltd.

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

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<b>SCC File Number:</b>	15074
<b>Accreditation Standard(s):</b>	ISO/IEC 17025:2017
<b>Fields of Testing:</b>	Electrical/Electronic Mechanical/Physical Thermal & Fire Resistance
<b>Initial Accreditation:</b>	1989-06-06
<b>Most Recent Accreditation:</b>	2020-05-15
<b>Accreditation Valid to:</b>	2021-06-06

### CONSTRUCTION

#### Construction Materials (excluding textile products):

##### Fire Resistant

CAN/ULC S101	Standard Methods of Fire Endurance Tests of Building Construction and Materials Except for: Sections 8, 9, 10, 11, 12, 13, 15
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CAN/ULC S102	Standard Methods of Test for Surface Burning Characteristics of Building Materials and Assemblies
CAN/ULC S102.2	Standard Method of Test for Surface Burning Characteristics of Flooring, Floor Coverings, and Miscellaneous Materials and Assemblies
CAN/ULC S102.3	Standard Method of Fire Test of Light Diffusers and Lenses
CAN/ULC S104	Standard Method for Fire Tests of Door Assemblies Note: Uses CAN/ULC S105 Standard Specification for Fire Door Frames Meeting the Performance Required
CAN/ULC S109	Standard Method for Flame Tests of Flame-Resistant Fabrics and Films
CAN/ULC S112	Standard Methods of Fire Test of Fire-Damper Assemblies
CAN/ULC S114	Standard Method of Test for Determination of Non-Combustibility in Building Materials
CAN/ULC S115	Standard Method of Fire Tests of Firestop Systems
CAN/ULC S124	Standard Method of Test for the Evaluation of Protective Coverings for Foamed Plastic
CAN/ULC S126	Standard Method of Test for Fire Spread Under Roof-Deck Assemblies
CAN/ULC S107	Standard Method of Fire Tests of Roof Coverings
CAN/ULC S106	Standard Method for Fire Tests of Window and Glass Block Assemblies
CAN/ULC S138	Standard Method of Test for Fire Growth of Insulated Building Panels in a Full-Scale Room Configuration
CAN/CGSB 4.2 No. 27.7	Textile Test Methods Combustion Resistance of Mattresses – Cigarette Test

**Insulating Materials**

CAN/ULC S701	Standard for Thermal Insulation, Polystyrene, Boards and Pipe Covering Except for: ASTM D2863 Limiting Oxygen Index
CAN/ULC S702.1	Standard for Mineral Fibre Thermal Insulation for Buildings – Part 1: Material Specification Except for: ULC S109 Basket Method
CAN/ULC S703	Standard for Cellulose Fibre Insulation (CFI) for Buildings Except for: corrosion tests, ASTM C1338 Fungal resistance, ASTM G-1 Preparing, Cleaning and Evaluating Corrosion Test Specimens ULC S130 Cigarette Test for Smoldering Resistance Embedded Electric Radiant Panel Test (HWC)
CAN/ULC S704	Standard for Thermal Insulation, Polyurethane and Polyisocyanurate Boards, Faced



CAN/ULC S705.1	Standard for Thermal Insulation - Spray Applied Rigid Polyurethane Foam, Medium Density - Material Specification Except for: CAN/ULC S770-00 Determination of Long-Term Thermal Resistance of Closed-Cell Thermal Insulating Foams ULS S774 Volatile Organic Emissions
CAN/ULC S710.1	Standard for Thermal Insulation – Bead- Applied One Component Polyurethane Air Sealant Foam, Part 1: Material Specification
CAN/ULC S711.1	Standard for Thermal Insulation – Bead-Applied Two Component Polyurethane Air Sealant Foam, Part 1: Material Specification
CAN/ULC S712.1	Standard for Thermal Insulation –Light Density, Open Cell Spray Applied Semi-Rigid Polyurethane Foam – Material Specification

**Plumbing Products**

ASME A112.19.2/CSA-B45.1	Ceramic Plumbing Fixtures
ASME A112.19.3/CSA-B45.4	Stainless Steel Plumbing Fixtures
ASME A112.19.7/CSA-B45.10	Hydromassage Bathtub Systems
CSA B181.1	ABS Drain, Waste, and Vent Pipe and Pipe Fittings
CSA B181.2	PVC and CPVC Drain, Waste, and Vent Pipe and Pipe Fitting
CSA B182.1	Plastic Drain and Sewer Pipe and Pipe Fittings Except for: 6.18 Carbon Black Dispersion
CSA B182.2	PSM Type PVC Sewer Pipe and Fittings
CSA B182.4	Profile PVC Sewer Pipe and Fittings
CSA B182.8	Profile Polyethylene (PE) Storm Sewer and Drainage Pipe and Fittings
CSA B45.0	General Requirements for Plumbing Fixtures Except for: Cl. 15.4 Corrosion Resistance Test
CSA B45.11/IAPMO Z401	Glass Plumbing Fixtures
CSA B45.5/IAPMO Z124	Plastic Plumbing Fixtures Except for: Cl. 5.12 Cleanability and Wear Tests Cl. 5.25.1 Resistance to Fungi and Bacteria Growth

**Roof Coverings**

CAN/CGSB 37.50	Hot-Applied, Rubberized Asphalt for Roofing and Waterproofing Except for: Core Penetration, Flash Point
CAN/CGSB 37-GP-52M	Roofing and Waterproofing Membrane, Sheet Applied Elastomeric Except for: ASTM D3041 Ozone Resistance
CAN/CGSB 37.54	Polyvinyl Chloride Roofing and Waterproofing Membrane Except for: ASTM D3041 Ozone Resistance



CAN/CGSB 37.58	Membrane, Elastomeric, Cold Applied Liquid, for Non-Exposed use in Roofing and Waterproofing
CAN/CGSB-51.32	Sheathing, Membrane, Breather Type
CAN/CGSB-51.33	Vapour Barrier Sheet, Excluding Polyethylene, for Use in Building Construction
CAN/CGSB 37-GP-56M	Membrane, Modified, Bituminous, Prefabricated, and Reinforced for Roofing
CSA A123.1	Asphalt shingles made from organic felt and surfaced with mineral granules Except for: ASTM D1670
CSA A123.3	Asphalt Saturated Organic Roofing Felt
CSA A123.5	Asphalt shingles made from glass felt and surfaced with mineral granules Except for: ASTM D1670
CSA A220 Series	Concrete Roof Tiles (A220.0 sections 6 & 7 only and A220.1 section 6 only)

**Windows and Doors**

AAMA/WDMA/CSA 101/I.S.2/A440	North American Fenestration Standard (NAFS) - Specification for windows, doors, and skylights Except for: Section 10.12
ASTM E1105*	Standard Test Method for Field Determination of Water Penetration of Installed Exterior Windows, Skylights, Doors, and Curtain Walls, by Uniform or Cyclic Static Air Pressure Difference Note: Uses criteria from ASTM E1996 Standard Specification for Performance of Exterior Windows, Curtain Walls, Doors, and Impact Protective Systems Impacted by Windborne Debris in Hurricanes
ASTM E283 / E283M	Standard Test Method for Determining Rate of Air Leakage Through Exterior Windows, Skylights, Curtain Walls, and Doors Under Specified Pressure Differences Across the Specimen
ASTM E330 / E330M	Standard Test Method for Structural Performance of Exterior Windows, Doors, Skylights and Curtain Walls by Uniform Static Air Pressure Difference
ASTM E331	Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Uniform Static Air Pressure Difference
ASTM E547	Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Cyclic Static Air Pressure Difference



ASTM F588	Standard Test Methods for Measuring the Forced Entry Resistance of Window Assemblies, Excluding Glazing Impact
ASTM F842	Standard Test Methods for Measuring the Forced Entry Resistance of Sliding Door Assemblies, Excluding Glazing Impact
CAN/CGSB-12.1	Tempered or Laminated Safety Glass
CSA A440.2/CSA A440.3	Fenestration energy performance
CSA Z240.8.1	Windows for Use in Mobile Homes

**(Curtain Walls)**

AAMA 501	Methods of Test for Exterior Walls
AAMA 501.1	Standard Test Method for Water Penetration of Windows, Curtain Walls and Doors Using Dynamic Pressure
AAMA 501.4	Recommended Static Test Method for Evaluating Window Wall, Curtain Wall and Storefront Systems Subjected to Seismic and Wind-Induced Inter-Story Drift
AAMA 501.5	Test Method for Thermal Cycling of Exterior Walls
AAMA 501.6	Recommended Dynamic Test Method for Determining the Seismic Drift Causing Glass Fallout from Window Wall, Curtain Wall and Storefront Systems
AAMA 508	Voluntary Test Method and Specification for Pressure Equalized Rain Screen Wall Cladding Systems
ASTM E783*	Standard Test Method for Field Measurement of Air Leakage Through Installed Exterior Windows and Doors

**(Wall Systems)**

ANSI/APA PRS 610.1	Standard for Performance Rated SIPs in Wall Applications
CAN/ULC S716.1	Standard for Exterior Insulation and Finish Systems (EIFS) – Materials and Systems
CAN/ULC S717.1	Standard for Flat Wall Insulating Concrete Form (ICF) Units - Material Properties
CAN/ULC S741	Standard for Air Barrier Materials – Specification

**ELASTOMERS AND PROTECTIVE AND COATINGS**

**Plastics, Resins and Rubbers:**

ASTM C297 / C297M	Standard Test Method for Flatwise Tensile Strength of Sandwich Constructions
ASTM C666	Standard Test Method for Resistance of Concrete to Rapid Freezing and Thawing Only for: Procedure B
ASTM D618	Standard Practice for Conditioning Plastics for Testing



ASTM E605	Standard Test Method for Thickness and Density of Sprayed Fire-Resistive Material (SFRM) Applied to Structural Members
ASTM D751	Standard Test Methods for Coated Fabrics Except for: Burst Strength Procedure B Hydrostatic test rising water column

**ELECTRICAL PRODUCTS AND ELECTRONIC PRODUCTS**

**Electrical Appliances:**

**Heating, Refrigerating and Air Conditioning**

CSA C22.2 No. 3	Electrical Features of Fuel-Burning Equipment
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**Lighting and Fixtures**

CSA C22.2 No. 250.0	Luminaires - Second Edition; General Instructions No1; UL 1598 Except for: 16.6 Hi-Current Resistance Test
CSA C22.2 No. 89	Swimming Pool Luminaires, Submersible Luminaires and Accessories
CSA C22.2 No. 9	General Requirements for Luminaires

**(Equipment Miscellaneous)**

CSA C22.2 No. 0.4	Bonding of Electrical Equipment
CSA C22.2 No. 107.1 (R2011)	General use Power Supplies Except for: Section 9 Static Transfer Switches, Clause 15.3.5 Anti-Islanding Test, Clause 17.3 Test
CSA C22.2 No.101	Electrically heated bedding appliances for household use

**(Spas, Hot Tubs, and Associated Equipment)**

CSA C22.2 No. 218.1	Spas, hot tubs and associated equipment
CSA C22.2 No. 218.2	Hydromassage Bathtub Appliances

**(Motor Operated Electrical Appliances)**

CSA C22.2 No. 108	Liquid Pumps
CSA C22.2 No. 164	Electric Sauna Heating Equipment
CSA C22.2 No. 247	Operators and systems of doors, gates, draperies and louvres Except for: Clause 6.11 Clause 5.7.3.2



IEC 60335-1 (CAN/CSA E60335-1)	Household and similar electrical appliances — Safety — Part 1: General requirements Except for: Section 31- Resistance to rusting Section 32 Radiation, toxicity and similar hazards Annex B- Appliances powered by rechargeable batteries that are recharged in the appliance Annex F- Capacitors Annex H- Switches Annex J- Coated printed circuit boards Annex N- Proof Tracking test Annex R- Software evaluation
IEC 60335-2-24 (CAN/CSA-C22.2 60335-2-24)	Household and similar electrical appliances — Safety —Part 2-24: Particular requirements for refrigerating appliances, ice-cream appliances and ice-makers Except for: Clauses: 21.101, 22.116, 31 & 32 Annex BB Method for accumulation of frost
IEC 60335-2-29 (CAN/CSA-E60335-2-29)	Household and Similar Electrical Appliances - Safety - Part 2-29: Particular Requirements for Battery Chargers Except for: Clauses: 21.102, 31 & 32
IEC 60335-2-3 (CAN/CSA-E60335-2-3)	Household and Similar Electrical Appliances - Safety - Part 2-3: Particular Requirements for Electric Irons Except for: Clauses 31 & 32
IEC 60335-2-43 (CAN/CSA-E60335-2-43)	Household and similar electrical appliances — Safety — Part 2- 43: Particular requirements for clothes dryers and towel rails Except for: Clauses 31 & 32
IEC 60335-2-53 (CAN/CSA-E60335-2-53)	Household and Similar Electrical Appliances - Safety - Part 2-53: Particular Requirements for Sauna Heating Appliances Except for: Clauses 31 & 32
IEC 60335-2-17	Household and similar electrical appliances - Safety - Part 2-17: Particular requirements for blankets, pads, clothing and similar flexible heating appliances Except for: Clauses: 21.107, 21.109, 21.110.1, 21.111.1, 30, 31 & 32
IEC 60335-2-60	Household and similar electrical appliances - Safety - Part 2-60: Particular requirements for whirlpool baths and whirlpool spas

**Equipment, Miscellaneous:**

**Enclosures**

CSA C22.2 No. 18.2	Non-metallic Outlet Boxes
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**Materials:**

**Plastics**

CSA C22.2 No. 0.17	Evaluation of Properties of Polymeric Materials Except for: Clauses 4.3.2, 4.3.3, 4.3.4, 5.2, 5.8.3, 6.5 and 7
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**Motors, Generators, and Machines:**

CSA C22.2 No. 77	Motors with inherent overheating protection
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**Scientific Instruments (for biological, chemical electrical, mechanical optical and physical examination):**

CAN/CSA-C22.2 No.601.1	Medical Electrical Equipment Part 1: General Requirements for Safety Except for: category AP and APG equipment, Laser, High Frequency Radiation, defibrillation, flammable anesthetic gas, Electromagnetic Compatibility, Acoustic Energy, Biocompatibility
CAN/CSA-C22.2-2-No-60601-1	Medical Electrical Equipment -Part 1-1: General Requirements for Safety - Collateral Standard: Safety Requirements for Medical Electrical Systems (Adopted IEC 60601-1-1:2000, second edition, 2000-12) Except for: Section 5 (radiation), Section 6 (Flammable Anesthetic Mixtures)
IEC 60950-1 (CAN/CSA-C22.2 No. 60950-1)	Information Technology Equipment - Safety - Part 1: General Requirements Except for: Testing of semiconductors, cathode ray tubes, Flammable liquids and Gases, Radiation and Ionizing Radiation, UV Radiation, Lasers, Surge Testing, Impulse Testing over 4000 Volts, Transient Voltage over 4000 Volts and Annex AA.
IEC 62368-1 (CAN/CSA C22.2 No 62368-1)	Audio/video, information and communication technology equipment – Part 1: Safety requirements
IEC 61010-1 (CSA C22.2 No 61010-1)	Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 1: General requirements Except for: Section 12 Protection against Radiation, Including Laser Sources, and against Sonic and Ultrasonic Pressure Section 13 Protection against Liberated Gases, Explosion and Implosion





**WOOD PRODUCTS**

**Construction Materials (including for Furniture):**

CSA O325	Construction sheathing
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**Notes:**

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

**RG-ONSITE:** SCC Requirements and Guidance for The Accreditation of Testing and Calibration Laboratories Performing On-Site Testing and Calibrations

**AAMA:** American Architectural Manufacturers Association

**ASME:** The American Society of Mechanical Engineers

**ASTM:** American Society of Test Methods

**ANSI:** American National Standards Institute/ANSI

**CSA:** Canadian Standards Association

**CAN/ULC:** Underwriters Laboratories of Canada

**CAN/CGSB:** Canadian General Standards Board

\* 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](http://www.scc.ca).

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