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Ottawa, ON K1P 6L5  
Canada

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Ottawa, ON K1P 6L5  
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## **SCOPE OF ACCREDITATION**

**Intertek Testing Services NA Ltd.  
INTERTEK VANCOUVER LABORATORY  
1500 Brigantine Dr.  
Coquitlam, BC  
V3K 7C1**

Accredited Laboratory No. 54  
(Conforms with requirements of ISO/IEC 17025:2005)

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**CLIENTS SERVED:** All interested parties, some test are available on-site.

**FIELDS OF TESTING:** Electrical/Electronic, Mechanical/Physical, Thermal & Fire Resistance

**SCOPE ISSUED ON:** 2018-05-24

**ACCREDITATION VALID TO:** 2021-06-06

The following is a Scope of Accreditation for which this testing laboratory has been accredited to ISO/IEC 17025:2005. 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.

**CONSTRUCTION**

**Construction Materials : (Excluding textile products)**

**Fasteners and Hardware (See also METAL and ELAS Sections)**

ASTM D1761                      Testing Mechanical Fasteners in Wood

**Fire Resistant**

ASTM D1929                      Spontaneous Ignition  
ASTM D635                      Rate of Burning  
ASTM E119                      Fire Tests of Building Construction and Materials  
ASTM E136                      Standard Test Method for Behavior of Materials in a  
   Vertical Tube Furnace at 750 Degrees C E (2000)  
ASTM E814                      Fire Test of Fire Stop Assemblies  
ASTM E84                      Surface Burning Characteristics of Building Materials  
CAN/ULC S101                    Fire Endurance Tests of Building Construction and  
   Materials  
CAN/ULC S102                    Surface Burning Characteristics of Building Materials  
   and Assemblies  
CAN/ULC S102.2                Surface Burning Characteristics of Flooring, Covering  
   and miscellaneous Materials and Assemblies  
CAN/ULC S104                    Standard Method for Fire Tests of Door Assemblies  
CAN/ULC S105                    Fire Door Frames  
CAN/ULC S109                    Standard for Flame Tests of Flame Resistant Fabrics and  
   Films  
CAN/ULC S112                    Standard Method of Fire Tests of Fire Damper  
   Assemblies  
CAN/ULC S114                    Test for Non-Combustibility  
CAN/ULC S115                    Standard Method of Fire Tests of Fire Step Systems  
CAN/ULC S124                    Evaluation of Protective Coverings for Foam Plastics  
CAN/ULC S126                    Standard Method of Test for Fire Spread Under  
   Roof-Deck Assemblies  
CAN/ULC-S107                    Methods of Fire Tests of Roof Coverings  
CAN4 S106                      Standard Method for Fire Test of Window and Glass  
   Block Assemblies

**Insulating Materials**

ASTM C203                      Flexural Strength  
   Except for: procedure C  
ASTM D1621                      Compressive Strength  
ASTM D1623                      Tensile Strength  
ASTM D2842                      Water Absorption

**Plumbing Products (See also ELAS, METAL and NONMETAL Sections)**

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 Bathtubs Systems
CSA B181.1	Abs Drain, Waste, and Vent Pipe and Pipe Fittings
CSA B181.2	PVC Drain, Waste, and Vent Pipe and Pipe Fittings
CSA B182.1	Plastic Drain and Sewer Pipe and Pipe Fittings Except for: 6.18 Carbon Black Dispersion
CSA B182.2	PVC Sewer Pipe and Fittings (PSM Type)
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	Glass Lavatories
IAPMO Z124.CSA-B45.5	Plastic plumbing fixtures Except for: Cl. 5.12 Cleanability and Wear Tests Cl. 5.25.1 Resistance to Fungi and Bacteria Growth

**Roof Coverings**

ASTM C170	Test Method of Compressive Strength of Dimensioned Stone
ASTM C97	Test Method of Absorption and Bulk Specific Gravity of Dimensioned Stone
ASTM C99	Test Method of Modulus of Rupture of Dimensioned Stone
ASTM D3161	Test Method for Wind Resistance of Asphalt Shingles
ASTM D3909	Specification for Asphalt Roll Roofing (Glass Mat) Surfaced with Mineral Granules
ASTM D395	Rubber Property Compression Set Method B
ASTM D412	Rubber Properties in Tension
ASTM D4601	Specification for Asphalt Coated Glass Fibre Base Sheet used in Roofing
ASTM D573	Rubber Deterioration in an Air Oven
ASTM E661	Test Method for Performance of Wood and Wood-Based Floor and Roof Sheathing under Concentrated Static and Impact Loads
CAN/CGSB 37-50	Asphalt, Rubberized, Hot Applied, for Roofing and Waterproofing Except for: Core Penetration, Flash Point
CAN/CGSB 37-52	Roofing and Waterproofing Membrane, Sheet Applied Elastomeric Except for: ASTM D3041 Ozone Resistance

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CAN/CGSB 37-54	Roofing and Waterproofing Membrane Sheet Applied Flexible Polyvinyl Chloride 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 for use in Building Construction
CGSB 37-GP-56M	Standard for Membrane, Modified Bituminous, Prefabricated and Reinforced for Roofs
CGSB 37-GP-64M	Mat Reinforcing Fibrous Glass, for Membrane Waterproofing Systems and Built Up Roofing
CGSB 37-GP-70M	Mat Reinforcing Fibrous Glass, for Membrane Waterproofing Systems and Built Up Roofing
CSA A123.1	Asphalt Shingles Surfaced with Mineral Granules
CSA A123.3	Asphalt Shingles made with Glass Felt and Surfaced with Mineral Granules
CSA A123.5	Asphalt Shingles made with Glass Felt and Surfaced with Mineral Granules
CSA A220 Series	Concrete Roof Tiles (A220.0 sections 6 & 7 only and A220.1 section 6 only)
UL 2218	UL Standard for Safety Impact Resistance of Prepared Roof Covering Materials

### **(Thermal Insulation)**

CAN/ULC S701	Thermal Insulation, Polystyrene, Boards and Pipe Covering Except for: ASTM D2863 Limiting Oxygen Index
CAN/ULC S702	Standard for Mineral Fibre Thermal Insulation for Buildings Except for: ULC S109-95 Basket Method
CAN/ULC S703	Standard for Cellulose Fibre Insulation 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*

**Wall Coverings (See also FIBRE, WOOD and ELAS Sections)**

ASTM C1185	Standard Test methods for Sampling and Testing Non-Asbestos Fiber-Cement Flat Sheet, Roofing and Siding Shingles, and Clapboards
ASTM C1186	Standard Specification for Flat Non-Asbestos Fiber-Cement Sheets
ASTM C473	Test Methods for Physical Testing of Gypsum Panel Products

**(Curtain Walls)**

AAMA 501	Methods of Tests for Exterior Walls
AAMA 501.1	Full Scale Dynamic Wind Test
AAMA 501.4	Full Scale Seismic Racking
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 a Wall System
AAMA 508	Pressure Equalized Rain Screen Wall
ASTM E783	Air Exfiltration for Doors/Windows, Field Test

**(Wall Systems)**

ANSI/APA PRS 610.1	Standard for Performance-Rated Structural Insulated Panels 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

**Windows and Doors (See also ELAS, METAL, NONMET and WOOD Sections)**

AAMA/WDMA/CSA 101/I.S.2/A440	NAFS Windows 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
ASTM E1996	Standard Specification for Performance of Exterior Windows, Curtain Walls, Doors and Impact Protective Systems Impacted by Windborne Debris in Hurricanes
ASTM E2068	Standard Test Method for Determination of Operating Force of Sliding Windows and Doors
ASTM E283	

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	Test for Rate of Leakage through Exterior Windows, Curtain Wall and Doors
ASTM E330	Test for Structural Performance of Exterior Windows, Curtain Walls and Doors
ASTM E331	Test for Water Penetration of Exterior Windows, Curtain Walls and Doors
ASTM E547	Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Cyclic Static Air Pressure Difference
ASTM E72	Conducting Strength Test of Panels for Building construction
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
CAN2-12.1	Glass, Safety, Tempered or Laminated
CGSB 63-GP-14M	Plastic Skylights
CGSB 82.1	Doors, Sliding Patio
CGSB 82.5	Insulated Steel Doors
CSA A440	Windows Except for: Section 10.12
CSA A440.2	Energy Performance of Windows and Other Fenestration Systems
CSA Z240.8.1	Light Duty Windows

## **ELASTOMERS AND PROTECTIVE AND OTHER COATINGS**

### **Plastics; Resins and Rubbers:**

#### **(Plastic, Parts and Products)**

ASTM B117	Standard Practice for Operating Salt Spray (Fog) Apparatus
ASTM C273	Shear Test in Flatwise Plane of Flat Sandwich Construction or Sandwich Cores
ASTM C297	Test Method for Tensile Strength of Flat Sandwich Constructions in Flatwise Plane
ASTM C666	Test Method for Resistance of Concrete to Rapid Freezing and Thawing
ASTM D2412	External Loading Properties of Plastic Pipe by Parallel-Plate Loading
ASTM D2444	

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	Impact Resistance of Thermoplastic Pipe and Fittings by means of a Tup
ASTM D4226	Standard Test Methods for Impact Resistance of Rigid Poly(Vinyl Chloride) (PVC) Building Products Only for: Tup H.25
ASTM D4226	Standard Test Methods for Impact Resistance of Rigid Poly(Vinyl Chloride) (PVC) Building Products
ASTM D618	Conditioning Plastics and Electrical Insulating Materials for Testing
ASTM D638	Tensile Properties of Plastics Except for: modulus-of-elasticity and low-extension measurements
ASTM D732	Shear Strength of Plastics by Punch Tool
ASTM D790	Flexural Properties of Plastics and Electrical Insulating Materials Only for: semi-rigid and rigid plastics
ASTM D792	Specific Gravity and Density of Plastics by Displacement
ASTM E605	Thickness-Density of Sprayed Fire Resistive Materials Applied to Structural Members
ASTM G153	Practice for Operating Light and Water Apparatus (Carbon Arc Type) for Exposure of Non-Metallic Materials
ASTM G154	Standard Practice for Operating Fluorescent Light Apparatus for UV Exposure of Nonmetallic Materials
ASTM G155	Standard Practice for Operating Xenon Arc Light Apparatus for Exposure of Non-Metallic Materials

**(Strength of Material)**

ASTM C297	Tension Test of Flat Sandwich Construction in Flat Wise Plane
ASTM D1790	Test for Brittleness temperature of Plastic Film by Impact
ASTM D2126	Method of Test for Response of Rigid Cellular Plastics to Thermal and Humid Aging
ASTM D570	Test for Water Absorption of Plastics
ASTM D751	Testing Coated Fabrics Except for: Hydrostatic resistance, Adhesion coating (to fabrics), and Tack tear resistance
ASTM D828	Method of test for Tensile Breaking Strength of Paper and Paperboard
ASTM D882	Tensile Properties of Thin Plastic Sheeting
ASTM E96	Methods for Measuring Water Vapour Transmission of Materials in Sheet Form

**ELECTRICAL PRODUCTS AND ELECTRONIC PRODUCTS**

**All types of Electrical and Electronic Products**

**Components and Assemblies:**

**Electrical Appliances:**

**Cooking and Liquid Heating**

**Heating, Refrigerating and Air Conditioning**

CSA C22.2 No. 3                      Electrical Features of Fuel Burning Equipment

**Lighting and Fixtures**

CSA C22.2 No. 250.0              Luminaires Second Edition; General Instructions No1;  
UL 1598

CSA C22.2 No. 89                  Except for: 16.6 Hi-Current Resistance Test  
Swimming Pool Luminaires, Submersible Luminaries  
and Accessories

CSA C22.2 No. 9                  Luminaries

**Miscellaneous Electrical Appliances (Specify)  
(Spas, Hot Tubs and Associated Equipment)**

**(Equipment Miscellaneous)**

CSA C22.2 No. 0.4                  Bonding and Grounding of Electrical Equipment

CSA C22.2 No. 107.1              General use Power Supplies  
Except for: Section 9 Static Transfer Switches  
Clause 15.3.5 Anti-Islanding, Clause 17.3

CSA C22.2 No.101                  Electrical Heated Beddings 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                  Dry Sauna Heaters

CSA C22.2 No. 247                  Operators and Systems of Doors, Gates, Draperies and  
Louvres



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	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)	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)	Particular requirements for battery chargers Except for: Clauses: 21.102 31 32
IEC 60335-2-3 (CAN/CSA-E60335-2-3)	Particular requirements for electric irons Except for: clauses 31 & 32
IEC 60335-2-43 (CAN/CSA-E60335-2-43)	Particular requirements for clothes dryers and towel rails Except for: clauses 31 & 32
IEC 60335-2-53 (CAN/CSA-E60335-2-53)	Sauna Rooms Except for: clauses 31 & 32
IEC 60335-2-17	1. Particular requirements for blankets, pads 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	Whirlpool Spas Except for: Clauses 31 & 32

**Equipment, Miscellaneous**

**Enclosures**

CSA C22.2 No. 18.2 Nonmetallic Outlet Boxes

**Materials:**

**Plastics**

CSA C22.2 No. 0.17 Flammability testing of Polymeric Materials  
Except for:  
Clauses 4.3.2, 4.3.3, 4.3.4, 5.2, 5.8.3, 6.5 and 7

**Motors, Generators, and Machines:**

CSA C22.2 No. 100 **Suspended: 2013-05-30** Motors and Generators  
(Voluntary Suspension)  
Except for: clause 9 ,10 & 12

CSA C22.2 No. 77 Motors with Inherent Overheating Protection Single  
Phase 280V max, 60A

**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-60601-1-1 Medical Electrical Equipment Part 1-1: General  
Requirements for Safety (Adopted CEI/EIC 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 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.

**NON METALLIC MINERALS AND PRODUCTS**

**WOOD PRODUCTS**

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

**Panel Products (Except Plywood)**

ASTM D1037	Standard Test Methods for Evaluating Properties of Wood Base Fiber and Particle Panel Materials
ASTM D2898	Standard Practice for Accelerated Weathering of Fire-Retardant Treated Wood
CSA O325	Construction Sheathing

**Wood Products, General**

ASTM D143	Standard Test Methods for Small Clear Specimens of Timber
ASTM D198	Standard Test Methods of Static Tests of Lumber in Structural Sizes Except for: Impact Bending Test, Toughness Test
ASTM D5055	Standard Specification for Establishing and Monitoring Structural Capacities of Prefabricated Wood I Joists Except for: Torsion Tests
ASTM D5456	Standard Specification for Evaluation of Structural Composite Lumber Products Except for: ASTM D6815

**Notes:**

**ISO/IEC 17025:** General Requirements for the Competence of Testing and Calibration Laboratories (ISO/IEC 17025-2005)

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

**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

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Elias Rafoul, Vice President  
Accreditation Services

Date: 2018-05-24

Number of Scope Listings: 155  
SCC 1003-15/74  
Partner File #0  
Partner: None