



## TESTING AND CALIBRATION LABORATORY ACCREDITATION PROGRAM (LAP)

### Scope of Accreditation

Accredited Laboratory No. 70

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

Location Name or Operating as (if applicable):    INTERTEK - MONTREAL LABORATORY

Contact Name:    Paul Cerveny

Address:    1829, 32e Avenue, Lachine, QC- H8T 3J1

Telephone:    +1 905 678 7820

Website:    [www.intertek.com](http://www.intertek.com)

Email:    [paul.cerveny@intertek.com](mailto:paul.cerveny@intertek.com)

<b>SCC File Number:</b>	15084
<b>Accreditation Standard(s):</b>	ISO/IEC 17025:2005 General requirements for the competence of testing and calibration laboratories
<b>Fields of Testing:</b>	Electrical/Electronic Mechanical/Physical
<b>Initial Accreditation:</b>	1990-08-07
<b>Most Recent Accreditation:</b>	2018-02-21
<b>Accreditation Valid to:</b>	2022-08-07

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**

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

**(Energy Equipment)**

UL 103	Factory-built Chimneys for Residential Type and Building  Except for: Cl. 32 Resistance to Action of Acids Test of Nonmetallic Flue-Gas Conduit Cl. 33 Freezing and Thawing Test of Water-Absorptive Nonmetallic Materials Cl. 34 Cemented Joint Test of Flue-Gas Conduit Cl. 35 Sulfuric Acid Extraction Test for Porcelain-Coated Steel Used for Flue-Gas Conduit
UL 1482	Solid-fuel type room heaters
UL 737	Fireplace stoves
ULC S610	Standard for Factory-built fireplaces
ULC S627	Standard for Space Heaters for Use with Solid Fuels
ULC S629	Standard for 650 OC Factory Built Chimneys Except for: Cl. 4.16 Resistance to action of acids of nonmetallic chimney liner Cl. 4.17 Freezing and thawing of nonmetallic materials absorbing water Cl. 4.18 Cemented joints of flue-gas conduit Cl. 4.19 Sulphuric acid extraction for porcelain-enamelled steel used for liners Cl. 4.20 Condensing sulphur dioxide Cl. 4.21 Vibration (for loose fill insulated chimneys) Cl. 4.22 Accelerated corrosion

**(Fenestration)**

ASTM E1996	Standard Specification for Performance of Exterior Windows, Curtain Walls, Doors, and Impact Protective Systems Impacted by Windborne Debris in Hurricanes <sup>1</sup>
ASTM E283	Determining Rate of Air Leakage Through Exterior Windows, Curtain Walls, and Doors Under Specified Pressure Differences Across the Specimen
ASTM E330	Structural Performance of Exterior Windows, Doors, Skylights and Curtain Walls by Uniform Static Air Pressure Difference  Except for: Cl. 12.1.1 – Procedure B
ASTM E331	Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Uniform Static Air Pressure Difference
ASTM E547	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 Except for: Glazing Impact <sup>1</sup>



CSA A440.2011 North American Fenestration Standard/Specification for windows, doors, and skylights

**(Plumbing Products)**

ASME A112.18.1/ CSA B125.1 Plumbing Supply Fittings  
Except for: Cl. 4.9 Toxicity Evaluation

ASME A112.18.2/ CSA B125.2 Plumbing Fixture Waste Fittings

ASME A112.18.6/ CSA B125.6 Flexible Water Connectors  
Except for: Cl. 4.1.1 Comply with NSF 61  
Cl. 4.1.2 Solder and metal alloy  
Cl. 4.1.3 Copper Alloy

ASME A112.19.15 Bathtub/Whirlpool Bathtubs with Pressure Sealed Doors

ASME A112.19.2/ CSA B45.1 Ceramic Plumbing Fixtures

ASME A112.19.3/ CSA B45.4 Stainless Steel Plumbing Fixtures

ASSE 1016/ASME A112.1016/CSA B125.16 Performance requirements for automatic compensating valves for individual showers and tub/shower combinations

ASSE 1070/ASME A112.1070/CSA B125.70 Performance Requirements for Water Temperature Limiting Devices  
Except for: Cl. 3.5 Push-fit fittings  
Cl. 3.8 Toxicity and lead content

ASTM B117 Standard Practice for Operating Salt Spray (FOG) Apparatus

CSA B125.3 Plumbing Fittings  
Except for: Cl. 4.15 Toxicity and lead content

CSA B45.11/IAPMO Z401 Glass plumbing fixtures

CSA B45.5/IAPMO Z124 Plastic plumbing fixtures  
Except for: Cl. 5.10 Colorfastness  
Cl. 5.25.1 Resistance to Fungi

CSA B45.8/ IAPMO Z403 Terrazzo, concrete, and natural stone plumbing fixtures

CSA B55.2 Drain water heat recovery units  
Except for: Cl. 5.4 Colorfastness  
Except for: Cl. 5.1.5 Average lead content (NSF 372)

**(Safety Glazing)**

16 CFR Part 1201 SAFETY STANDARD FOR ARCHITECTURAL GLAZING MATERIALS  
Only for:  
Cl. 1201a) 1) Impact Test  
Cl. 1204.43) i) Boil Test



ANSI+Z97.1 American National Standard for safety glazing materials used in buildings- Safety performance specifications and methods of test of glazing materials used in buildings - specifications and methods of test

Only for:  
Cl. 5.1 Impact  
Cl. 5.2 Center Punch  
Cl. 5.3 Thermal Test for Laminated Glass

CGSB 012 Tempered or laminated Safety glass

Only for:  
Cl. 5.5  
Cl. 7.2.2 Boiling for Laminated Glass  
Cl. 7.2.3 Impact Resistance

**(Sanitation)**

NSF 4 Commercial cooking rethermalization and powered hot food holding and transportation equipment

Except for:  
Cl. 6.4 Cleaning and sanitization procedures  
Cl. 6.6 Abrasion resistance of asbestos cement flat sheet

NSF 7 Commercial Refrigerators and freezers

NSF 8 Commercial Powered food preparation equipment

Except for:  
Cl. 6 Performance

**ELECTRICAL PRODUCTS AND ELECTRONIC PRODUCTS**

**(Equipment, Miscellaneous)**

CAN/CSA C22.2 No. 94 Special purpose enclosures 2, 3, 4

CSA C22.2 0 General Requirements - Canadian Electrical Code, Part II

CSA C22.2 No. 0.4 Bonding of Electrical Equipment

CSA C22.2 No. 14 Industrial control equipment

Except for:  
Cl. 6.4 Overload relay calibration  
Cl. 6.7 Current withstand  
Cl. 6.9 Burnout  
Cl. 6.10 Short circuit calibration of test circuits  
Cl. 6.11 Short circuit overload relays and equipment incorporation  
overload relays  
Cl. 6.12 Controllers intended for use on circuits capable of delivering high  
vol currents  
Cl. 6.13 Controllers intended for group installation  
Cl. 6.1.3 Group fusing  
Cl. 6.14 Instantaneous trip circuit breakers  
Cl. 6.15.1 and 6.15.2 Polymeric enclosure materials



UL 50	Cl. 6.19 Transient voltage, surge suppression
UL 508A	Cl 6.23.4 Short-Circuit Enclosures for Electrical Equipment, Non-Environmental Considerations Industrial Control Panels

**(MACHINERY)**

**Communications Equipment and Systems:**

**Power and Signal Distribution Equipment**

CAN/CSA C22.2 No. 107.2	Battery chargers
CAN/CSA C22.2 No. 203	Modular wiring systems for office furniture
CSA C22.2 No. 107.1	Commercial and Industrial Power Supplies
CSA C22.2 No. 205	Signal equipment Except for: Cl. 59.5 Polymeric materials Cl. 62 Fatigue test analysis Cl. 70 Ultra-violet light exposure test
CSA C22.2 No. 223	Power supplies with extra-low voltage, class 2 outputs
UL 1012	Power Units Other Than Class 2  Except for: Cl. 58 Hot, Flaming Oil Test
UL 1310	Class 2 Power Units
UL 2017	General-Purpose Signaling Devices and Systems  Except for: Cl. 50 Ignition Test through Bottom-Panel Openings Cl. 72 Audibility Test Cl. 73.3 Hydrogen-sulfide (H <sub>2</sub> S) test Cl. 73.4 Sulfur-dioxide/carbon-dioxide (SO <sub>2</sub> /CO <sub>2</sub> ) test Cl. 74 Dust Test – Outdoor-Use Cl. 75 Short-Range Radio-Frequency (RF) Devices Cl. 76 Long-Range Radio-Frequency (RF) Devices Cl. 79 Audibility Test

**Electrical Appliances:**

**Cooking and Liquid Heating**

CAN/CSA C22.2 No. 64	Household cooking & liquid heating appliances
CSA C22.2 No. 109	Commercial cooking appliances
CSA C22.2 No.218.2	Hydromassage Bathtub Appliances
UL 197	Standard for Commercial Electric Cooking Appliances

**Heating, Refrigerating and Air Conditioning**

CAN/CSA C22.2 No. 120	Commercial refrigerated equipment
CAN/CSA C22.2 No. 236 / UL 1995	Heating & cooling equipment Cl. 73 Ultraviolet light exposure
CSA C22.2 No. 46	Electric air heaters



CSA C22.2 No.88 Industrial heating equipment

### **Lighting and Fixtures**

CSA C22.2 No. 141-15 Emergency Lighting Equipment  
Except for: Annex A: Performance of Internally illuminated Exit signs (Letters)  
Annex B: Performance of Internally illuminated Exit signs (Pictogram) and  
Annex D: Energy Efficiency

CSA C22.2 No. 207 Portable and stationary electric signs & displays

CSA C22.2 No. 250 / UL 1598 Luminaires

CSA C22.2 No. 250.1 Retrofit kits for luminaire conversion

CSA C22.2 No. 250.13 Light emitting diode (LED) equipment for lighting applications

CSA C22.2 No. 250.4 Portable Luminaires

CSA C22.2 No. 250.570 Track Lighting

UL 48 Electric Signs

### **Miscellaneous Electrical Appliances (Specify)**

CAN/CSA C22.2 No.61010-1/IEC/UL61010-1 Electrical Equipment for measurement, control and lab use  
Except for: Cl. 12.2 Ionizing Radiation;  
Cl. 12.3 Ultra Violet Radiation;  
Cl. 12.4 Microwave;  
Cl. 12.5.2 Ultra Sonic Pressure;  
Cl. 12.6 Laser Radiations;  
Cl. 13 Protection against liberated gases, explosion and implosion;  
Cl. Components.

CSA C22.2 No. 113 Fans and ventilators

CSA C22.2 No. 128 Coin operated vending machines  
Except for: 7.17.2 Impact test - Glass assemblies

CSA C22.2 No. 243 Vacuum cleaners and blower cleaners  
Except for: Cl. 7.13 Flexing  
Cl. 7.14 Abrasion

UL 1017 Vacuum Cleaners, Blower Cleaners, and Household Floor Finishing Machines  
Except for: Cl. 7.13 Flexing  
Cl. 7.14 Abrasion

UL 507 Electric Fans

UL 751 Vending machines

### **Motor Operated Electrical Appliances**



CAN/CSA C22.2 No 1335.2.15/IEC/CSA 60335- 1/UL 60335-1	Portable Electrical Motor-Operated and Heating Appliances: Requirements for liquid Heating Appliances Household and similar electrical appliances - Safety - Part 1: General requirements
CAN/CSA C22.2 No. 68	Motor operated appliances

**Information Processing and Business Equipment:**

**Data Processing Equipment**

CAN/CSA C22.2 No. 60950-1	Safety of Information Technology Equipment
	Except for: Cl.6.5 (Acoustic test; Annex K (Thermal controls); Annex N (Impulse test generator); and Annex Y (Ultraviolet conditioning test)
UL 60950-1	Safety of Information Technology Equipment
	Except for: Cl. 6.5 (Acoustic test; Annex K (Thermal controls); Annex N (Impulse test generator); and Annex Y (Ultraviolet conditioning test)

**Motors, Generators, and Machines:**

CSA C22.2 No. 100	Motors, and generators, 240V max., 5 Hp. max. Cl 7.4.6, 10.4.5 Overspeed
CSA C22.2 No. 77 UL 1004-1	Motors with inherent over heating protection, 240V max., 5 Hp max. Rotating Electrical Machines - General Requirements
	Except for: Cl. 33.8 Vibration test for traction motors Cl. 36.5 Ozone conditioning Cl. 36.6 Oil conditioning test Cl. 38: Limited Short Circuit Test: Our equipment can generate 6kVA max so table 38.1 is partially covered by our equipment.
UL 1004-2	Impedance Protected Motors
UL 1004-4	Standard for Thermally Protected Motors

**Radio, Television and Electronic Apparatus**

CAN/CSA C22.2 No.60065 / UL 60065	Audio, Video and Similar Electronic Apparatus
	Except for: Cl. 18 Protection from Implosion Hazard Cl. 6.2 Laser radiation Cl. 14.12 Surge suppression varistors
CSA C22.2 No. 66	Specialty transformers
CSA C22.2 No. 66.1	Low Voltage Transformers - Part 1: General Requirements (Bi-National standard, with UL 5085-1), Includes Update No. 1, (2012) and Update No. 2 (2013)
	Except for: Cl. 23 Hot, Flaming Oil Test



UL 5085-1

Low Voltage Transformers - Part 1: General Requirements

**MACHINERY**

**Pumps and Related Equipment**

CAN/CSA C22.2 108

Liquid Pumps

Number of Scope Listings: 89

**Notes:**

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

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).

---

Elias Rafoul  
Vice-President, Accreditation Services  
Publication on: 2020-07-06