

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

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SCC File Number:	15084
Accreditation Standard(s):	ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories
Fields of Testing:	Electrical/Electronic Mechanical/Physical
Initial Accreditation:	1990-08-07
Most Recent Accreditation:	2021-05-23
Accreditation Valid to:	2022-08-07

*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.*

NON-METALLIC MINERALS AND PRODUCTS

Energy Equipment (appliances):

UL 103	Standard for Factory-Built Chimneys for Residential Type and Building Heating Appliances 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	Standard for Solid-Fuel Type Room Heaters
UL 737	Standard for Fireplace Stoves
ULC S610	Standard for Factory-Built Fireplace Systems
ULC S627	Standard for Space Heaters for Use with Solid Fuels
ULC S629	Standard for 650 °C 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

Glass and Glass Products:

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 Only for: Cl. 5.1 Impact Cl. 5.2 Center Punch Cl. 5.3 Thermal Test for Laminated Glass
CAN/CGSB-12.1	Tempered or laminated Safety Glass Only for: Cl. 5.5 Cl. 7.2.2 Boiling for Laminated Glass Cl. 7.2.3 Impact Resistance

CONSTRUCTION

Construction Materials (excluding textile products):

Windows and Doors

ASTM E283	Standard Test Method for Determining Rate of Air Leakage Through Exterior Windows, Skylights, Curtain Walls, and Doors Under Specified Pressure Differences Across the Specimen
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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 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
ASME A112.1070/ASSE 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
CAN/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 Except for: Cl. 5.4 Colorfastness
CSA B55.2	Drain Water Heat Recovery Units Except for: Cl. 5.1.5 Average lead content (NSF 372)

ELECTRICAL PRODUCTS AND ELECTRONIC PRODUCTS

Equipment, Miscellaneous:

CAN/CSA C22.2 No. 94	Special Purpose Enclosures Only for: Enclosure Types 2, 3 and 4
CSA C22.2 No. 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 Cl. 6.19 Transient voltage, surge suppression Cl. 6.23.4 Short-Circuit
UL 50	Enclosures for Electrical Equipment, Non-Environmental Considerations
UL 508A	Standard for Industrial Control Panels

Electrical Appliances:

Cooking and Liquid Heating

CAN/CSA C22.2 No. 64	Household Cooking and Liquid-Heating Appliances
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	Refrigeration Equipment
CSA C22.2 No. 46	Electric Air-Heaters
CSA C22.2 No.88	Industrial Heating Equipment

Lighting and Fixtures

CSA C22.2 No. 141	Emergency Lighting Equipment Except for:
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	Annex A: Performance of Internally illuminated Exit signs (Letters) Annex B: Performance of Internally illuminated Exit signs (Pictogram) Annex D: Energy Efficiency
CSA C22.2 No. 207 / UL 48	Portable and Stationary Electric Signs and Displays
CSA C22.2 No. 250.0 / UL 1598 / ANCE NMX-J-307/1-ANCE	Luminaires
CSA C22.2 No. 250.1 / UL 1598C	Retrofit Kits for Luminaire Conversion
CSA C22.2 No. 250.13 / UL 8750	Light Emitting Diode (LED) Equipment for Lighting Applications
CSA C22.2 No. 250.4 / UL 153	Portable Luminaires
CSA C22.2 No. 250.570 / UL 1574	Track Lighting
UL 48	Standard for Electric Signs

Miscellaneous Electrical Appliances (specify)

CAN/CSA C22.2 No.61010-1 / IEC / UL 61010-1 / ANSI/ISA-61010-1	Safety requirements for Electrical Equipment For Measurement, Control and Laboratory Use - Part 1: General requirements 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 / UL 507	Fans and Ventilators
CSA C22.2 No. 128 / UL 751	Coin-Operated Vending Machines Except for: 7.17.2 Impact test - Glass assemblies
CSA C22.2 No. 243	Vacuum cleaners, blower cleaners, and household floor finishing machines 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	Standard for Electric Fans
UL 751	Standard for Vending Machines

Motor Operated Electrical Appliances

CAN/CSA C22.2 No 60335-2-15/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 / UL 962	Motor operated appliances

Communications Equipment and Systems:

Power and Signal Distribution Equipment

CAN/CSA C22.2 No. 280	Electric Vehicle Supply Equipment
CAN/CSA C22.2 No. 203	Modular Wiring Systems for Office Furniture
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

Radio, Television and Electronic Apparatus

CAN/CSA C22.2 No.60065 / UL 60065	Audio, Video and Similar Electronic Apparatus – Safety requirements Except for: Cl. 18 Protection from Implosion Hazard Cl. 6.2 Laser radiation Cl. 14.12 Surge suppression varistors
CSA C22.2 No. 62368-1 / UL 62368-1	Audio/video, information and communication technology equipment — Part 1: Safety requirements Except for: Annex C (Ultraviolet); Annex D (Impulse); Annex H (Telephone Ringer); Annex U (Implosion); Annex S (Heat & Fire); Annex G.8 (Surge Suppression); Annex DVJ (Acoustic); Cl. 10.3 (Laser Radiation); Cl. 10.5 (Surge Suppression)
CAN/CSA C22.2 No. 60950-1	Information Technology Equipment - Safety - Part 1: General Requirements Except for: Cl.6.5 (Acoustic test); Annex K (Thermal controls); Annex N (Impulse test generator); Annex H (Ionizing Radiation); Annex Y (Ultraviolet conditioning test)

UL 60950-1	Information Technology Equipment - Safety - Part 1: General Requirements Except for: Cl. 6.5 (Acoustic test); Annex K (Thermal controls); Annex N (Impulse test generator); Annex H (Ionizing Radiation); Annex Y (Ultraviolet conditioning test)
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Motors, Generators, and Machines

CSA C22.2 No. 100	Motors and Generators, Except for: greater than 240V greater than 5 Hp Cl. 8.4.6 and 11.4.5 for Overspeed
CSA C22.2 No. 77	Motors with Inherent Over Heating Protection, Except for: greater than 240V greater than 5 Hp
UL 1004-1	Standard for 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	Standard for Impedance Protected Motors
UL 1004-4	Standard for Electric Generators

Components and Assemblies:

Transformers

CSA C22.2 No. 66.1 / UL 5085-1	Low Voltage Transformers - Part 1: General Requirements Except for: Cl. 23 Hot, Flaming Oil Test
CSA C22.2 No. 66.2 / UL 5085-2	Low Voltage Transformers - Part 2: General Purpose Transformers
CSA C22.2 No. 66.3 / UL 5085-3	Low Voltage Transformers - Part 3: Class 2 and Class 3 Transformers

MACHINERY:

Boilers, Pressure Vessels and Piping:

Pumps and Related Equipment:

CAN/CSA C22.2 No. 108	Liquid Pumps
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Number of Scope Listings: 70

Notes:

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

Some withdrawn test standards are listed due to contractual obligations (e.g. CCMC, Canadian Construction Materials Centre, or the Building Codes).

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.

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