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SCOPE OF ACCREDITATION

**Intertek Testing Services NA Ltd.
INTERTEK - MONTREAL LABORATORY
1829, 32e Avenue
Lachine, QC
H8T 3J1**

Accredited Laboratory No. 70
(Conforms with requirements of ISO/IEC 17025:2005)

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CLIENTS SERVED: All interested parties

FIELDS OF TESTING: Electrical/Electronic, Mechanical/Physical

SCOPE ISSUED ON: 2018-05-27

**ACCREDITATION
VALID TO:** 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 I
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	

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Standard Test Methods for Measuring the Forced Entry Resistance of Window Assemblies
Except for: Glazing Impact1
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

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)

(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

Cl. 6.19 Transient voltage, surge suppression

Cl. 6.23.4 Short-Circuit

UL 50 Enclosures for Electrical Equipment, Non-Environmental
Considerations

UL 508A 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 (H₂S) test

Cl. 73.4 Sulfur-dioxide/carbon-dioxide (SO₂/CO₂) 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

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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: Particular 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

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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 Audio, Video and Similar Electronic Apparatus 60065

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)
UL 5085-1 Except for: Cl. 23 Hot, Flaming Oil Test
Low Voltage Transformers - Part 1: General Requirements

MACHINERY

Pumps and Related Equipment

CAN/CSA C22.2 108 Liquid Pumps

Notes:

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

Elias Rafoul, Vice President
Accreditation Services

Date: 2018-05-27

Number of Scope Listings: 84
SCC 1003-15/84
Partner File #0
Partner: None