



Standards Council of Canada
Conseil canadien des normes

SCOPE OF ACCREDITATION

Canadian Building Envelope Science and Technology
CAN-BEST TESTING LABORATORY
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Accredited Laboratory No. 222
(Conforms with requirements of ISO/IEC 17025:2005)

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CLIENTS SERVED: All interested parties

FIELDS OF TESTING: Mechanical/Physical

INITIAL ACCREDITATION DATE: 1995-11-27

SCOPE ISSUED ON: 2019-04-16

ACCREDITATION VALID TO: 2023-11-27

CONSTRUCTION

Building Constructions and Prefabricated Buildings

ASTM C1201/C1201M Structural Performance of Exterior Dimension Stone Cladding Systems by Uniform Static Air Pressure Difference

ASTM C1279	Standard Test Method for Non-Destructive Photoelastic Measurement of Edge and Surface Stresses in Annealed, Heat-Strengthened, and Fully Tempered Flat Glass
ASTM C1363	Standard Test Method for Thermal Performance of Building Materials and Envelope Assemblies by means of a Hot Box Apparatus.
ASTM E1155	Standard Test Method for Determining Floor, Determining FF Floor Flatness and FL Floor Levelness Numbers
ASTM E1592	Standard Test Method for Structural Performance of Sheet Metal Roof and Siding Systems by Uniform Static Air Pressure Difference
ASTM E1646	Standard Test Method for Water Penetration of Exterior Metal Roof Panel Systems by Uniform Static Air Pressure Difference
ASTM E196	Standard Practice for Gravity Load Testing of Floors and Low Slope Roofs
ASTM E2178	Standard Test Method for Air Permeance of Building Materials
ASTM E2273	Standard Test Method for Determining the Drainage Efficiency of Exterior Insulation and Finish Systems (EIFS) Clad Wall Assemblies
ASTM E2357	Standard Test Method for Determining Air Leakage of Air Barrier Assemblies
ASTM E455	Standard Method for Static Load Testing of Floor or Roof Diaphragm Constructions for Buildings
ASTM E529	Standard Guide for Conducting Flexural Tests on Beams and Girders for Building Construction
ASTM E564	Standard Practice for Static Load Test for Shear Resistance of Framed Walls for Buildings
ASTM E72	Standard Test Methods of Conducting Strength Tests of Panels for Building Construction
ASTM E73	Standard Practice for Static Load Testing of Truss Assemblies
ASTM E779	Standard Test Method for Determining Air Leakage Rate by Fan Depressurization
ASTM E894	Standard Test Method for Anchorage of Permanent Metal Railing Systems and Rails for Buildings
ASTM E907	Standard Test Methods for Field Testing Uplift Resistance of Adhered Membrane Roofing Systems
ASTM E935	Standard Test Method for Performance of Permanent Metal Railing Systems and Rails for Buildings
CSA A500	Building Guards Only for: Section 5.0
ULC S-716.1	Standard for Exterior Insulation Finish System–Materials & Systems

Except for: 5.3.2. Infrared Analysis, 5.4.2. Infrared Analysis, 5.5.4 Fire Resistance Testing.

Construction Materials : (Excluding textile products)

(Excluding Textile Products)

ASTM D4798	Standard Test Method for Accelerated Weathering Test Conditions and Procedures for Bituminous Materials (Xenon-Arc Method)
ASTM D897	Standard Test Method for Tensile Properties of Adhesive Bonds
ASTM E96	Standard Test Methods for Water Vapour Transmission of Materials
ASTM D5034	Standard Test Method for Breaking Strength and Elongation of Textile Fabrics (Grab Test)
ASTM E2098	Standard Test Method for Determining Tensile Breaking Strength of Glass Fiber Reinforcing Mesh for use in Class PB Exterior Insulation and Finish Systems (EIFS), after Exposure to a Sodium Hydroxide Solution.
ASTM E661	Standard Test Method for Performance of Wood and Wood-Based Floor and Roof Sheathing Under Concentrated Static and Impact Loads
ASTM G154	Standard Practice for Operating Fluorescent Light Apparatus UV Exposure of Nonmetallic Materials.
ASTM G155	Standard Practice for Operating Xenon Arc Light Apparatus for Exposure of Non-Metallic Materials
CSA 0325	Construction sheathing, Only for: Clause 7.1 (Concentrated Static and Impact Load Tests), Clause 7.2 (Uniform Load Test)

(Windows, Doors and Curtain Walls)

AAMA/WDMA/CSA 101/I.S.2/A440	NAFS - North American Fenestration Standard/Specification for windows, doors, and skylights Except for: sections 6.2.5.2 to 6.2.5.7; 6.3; 7.2; 7.3; 7.5 to 7.7; and 7.11
AMCA 500-L	Laboratory Methods of Testing Louvers for Rating Only for: section 8.2
ANSI Z97.1	Safety Performance Specifications and Methods of Test for Safety Glazing Materials used in Buildings
ASTM C 1048	Standard Specification for Heat-Treated Flat Glass—Kind HS, Kind FT Coated and Uncoated Glass
ASTM C 1199 (with ASTM E1423)	Thermal Transmittance of Fenestration Systems Using Hot Box Methods

ASTM E 1105	Standard Test Method for Field Determination of Water Penetration of Installed Exterior Windows, Curtain Walls and Doors by Uniform Static Air Pressure Difference
ASTM E 1233	Standard Test Method for Structural Performance of Exterior Doors by Cyclic Static Air Pressure Differential
ASTM E 1423 (with ASTM C1199)	Standard Practice for Determining Steady State Thermal Transmittance of Fenestration Systems
ASTM E 1424	Standard Test Method for Determining the Rate of Air Leakage Through Exterior Windows, Curtain Walls, and Doors Under Specified Pressure and Temperature Differences Across the Specimen
ASTM E 283	Standard Test Method for Determining the Rate of Air Leakage Through Exterior Windows, Curtain Walls and Doors Under Specified Pressure Differences Across the Specimen
ASTM E 330	Standard Test Method for Structural Performance of Exterior Windows, Curtain Walls and Doors by Uniform Static Air Pressure Difference
ASTM E 331	Standard Test Method for Water Penetration of Exterior Windows, Curtain Walls and Doors by Uniform Static Air Pressure Difference
ASTM E 547	Standard Test Method for Water Penetration Resistance of Exterior Doors by Cyclic Static Air Pressure Differential
ASTM E 576	Standard Test Method for Frost/Dew Point of Sealed Insulating Glass Units
ASTM E 783	Standard Test Method for Field Measurement of Air Leakage Through Installed Exterior Windows and Doors
ASTM E 987	Standard Test Methods for Deglazing Force of Fenestration Products
ASTM E 998	Standard Test Method for Structural Performance of Glass in Exterior Windows, Curtain Walls and Doors Under the Influence of Uniform Static Loads by Nondestructive Methods
ASTM E2188	Standard Test Method for Insulating Glass Unit Performance
ASTM E2189	Standard Test Method for Testing Resistance to Fogging in Insulating Glass Units
ASTM E2190	Standard Specification for Insulating Glass Unit Performance and Evaluation
ASTM E2353	Standard Test Methods for Performance of Glass in Permanent Glass Railing Systems; Guards & Balustrades
ASTM E2649	Standard Test Method for Determining Argon Concentration in Sealed Insulating Glass Units Using Spark Emission Spectroscopy
ASTM F 1233	Standard Test Method for Security Glazing Materials and Systems, Non Ballistic Testing Only
ASTM F 476	Standard Test Method for Swinging Door Assemblies

ASTM F 588	Standard Test Method for Measuring the Forced Entry Resistance of Window Assemblies
ASTM F 842	Standard Test Method for Measuring the Forced Entry Resistance of Sliding Door Assemblies
ASTM F2090	Standard Specification for Window Fall Prevention Devices With Emergency Escape (Egress) Release Mechanisms
ASTME E 997	Standard Test Method for Structural Performance of Glass in Exterior Windows, Curtain Walls and Doors Under the Influence of Uniform Static Loads by Destructive Methods
CAN/CGSB 82-GP-3M	Door, Aluminum, Combination Storm and Screen
CAN/CGSB 82-GP-4M	Door, Steel, Combination Storm and Screen
CAN/CGSB CAN2-12.1	Glass, Safety, Tempered or Laminated
CAN/CGSB CAN2-12.2	Glass, Sheet, Flat, Clear
CAN/CGSB CAN2-12.8	Insulating Glass Units Including Paragraph 3.6.3 "Argon Gas Concentration - GC Method"
CAN/CGSB CAN2-12.9	Glass, Spandrel
CAN/CGSB-63.14	Skylights, Plastic
CAN/CGSB-82.1	Doors, Sliding
CAN/CGSB-82.5	Doors, Insulated Steel
CAN/CSA A-440	Windows
CAN/CSA A-440.2	Fenestration Energy Performance

Notes:

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

Elias Rafoul, Vice President
Accreditation Services

Date: 2019-04-16

Number of Scope Listings: 71
SCC 1003-15/226
Partner File #0
Partner: