

Standards Council of Canada

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Ottawa, ON K1P 6L5
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Conseil canadien des normes

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SCOPE OF ACCREDITATION

FPInnovations
Centre de foresterie des Laurentides (CFL)
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Accredited Laboratory No. 23
(Conforms with requirements of ISO/IEC 17025:2005)

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CLIENTS SERVED: All interested parties

FIELDS OF TESTING: Chemical/Physical, Mechanical/Physical

SCOPE ISSUED ON: 2018-11-14

ACCREDITATION VALID TO: 2022-10-30

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.

The accredited tests are also performed at:

Université de Laval (ULaval), Pavillon Gene H. Kruger
2425 rue de la Terrasse

Québec (QC)
G1V 0A6

ELASTOMERS AND PROTECTIVE AND OTHER COATINGS

Adhesives (Organic Resins) and Glues:

Adhesives

Binders

Glue

ASTM D1583	Standard Test Method for Hydrogen Ion Concentration of Dry Adhesive Films
ASTM D2559	Standard Specification for Adhesives for Bonded Structural Wood Products for Use Under Exterior - Exposure Conditions
ASTM D3359	Standard Test Method for Measuring Adhesion by Tape Test Only for: Method B-Cross-Cut Tape Test
ASTM D4300	Standard Test Methods for Ability of Adhesive Films to Support or Resist the Growth of Fungi
ASTM D4442	Standard Test Methods for Direct Moisture Content Measurement of Wood and Wood-Based Materials Only for: Method B-Oven-Drying (Secondary)
ASTM D4688	Standard Test Method for Evaluating Structural Adhesives for Finger Jointing Lumber
ASTM D5266	Standard Practice for Estimating the Percentage of Wood Failure in Adhesive Bonded Joints
ASTM D5572	Standard Specification for Adhesives Used for Finger Joints in Non-structural Lumber Products
ASTM D7247	Standard Test Method for Evaluating the Shear Strength of Adhesives Bonds in Laminated Wood Products at Elevated Temperatures
ASTM D905	Standard Test Method for Strength Properties of Adhesive Bonds in Shear by Compression Loading
CSA O112.10	Evaluation of adhesives for structural wood products (limited moisture exposure) Except for: 4.5 - Anti-fungal properties and 5.1 anti-fungal properties
CSA O112.9	Evaluation of adhesives for structural wood products (exterior exposure) Except for: 4.5 - Anti-fungal properties and 5.1 anti-fungal

CSA O112-M series	properties Standards for Wood Adhesives Except for: CSA O112.1-1 - Animal Glues for wood
CSA O437.2	Evaluation of Binder Systems for OSB and Waferboard

METALLIC ORES AND PRODUCTS

Articles of Metal:

ASTM D1761	Standard Test Methods for Mechanical Fasteners in Wood
ASTM E8 / E8M	Standard Test Methods for Tension Testing of Metallic Materials Only for: Ultimate Tensile Strength
CSA S347	Method of test for evaluation of truss plates used in lumber joints

WOOD PRODUCTS

Construction Materials

(Engineered wood products)

APA PRI-400	Performance Standard for APA EWS I-Joists (Limit States Design)
APA PRI-401	Performance Standards for APA EWS Rim Boards
ASTM D5055	Standard Specification for Establishing and Monitoring Structural Capacities of Prefabricated Wood I-Joists
ASTM D5266	Standard Practice for Estimating Percentage of Wood Failure in Adhesives Bonded Joints
ASTM D5456	Standard Specification for Evaluation of Structural Composite Lumber Products
NLGA SPS 1	Special Products Standard for Fingerjoined Structural Lumber
NLGA SPS 2	Special Products Standard for Machine Stress Grated Lumber
NLGA SPS 3	Special Products Standard for Fingerjoined “ Vertical Stud Use Only” Lumber
NLGA SPS 4	Special Products Standard for Fingerjoined - Machine Graded Lumber
NLGA SPS 5	Special Products Standard for Face-Glued Lumber - Vertical Use Only
NLGA SPS 6	Special Products Standard for Structural Face-Glued Lumber

(Formaldehyde emissions)

ASTM D5582	Standard Test Method for Determining Formaldehyde Level from Wood Products Using a Dessicator
ASTM D6007	Standard Test Method for Determining Formaldehyde Concentration in Air from Wood Products Using a Small Scale Chamber
ASTM E1333	Standard Test Method for Determining Formaldehyde Concentrations in Air and Emission Rates from Wood Products using a Large
BIFMA M7.1	Standard Test Method For Determining VOC Emissions From Office Furniture Systems, Components and Seating
EN 120	Wood based panels - Determination of formaldehyde content - Extraction method called the perforator method

(Laminated Wood)

AITC 200	Inspection Manual for Structural Glued Laminated Timber Except for: AITC Test 102- Adhesive Spread Measurement AITC Test 103- Calibration of Clamping System: Bolts or Screw Type Jacks AITC Test 104- Calibration of Torque Wrenches AITC Test 122- Mix Ratio Check for Automatic Adhesive Mixing Machines
ANSI 117	Standard Specifications for Structural Glued Laminated Timber of Softwood Species
ANSI A190.1	Standard Wood Products-Structural Glued Laminated Timber
ASTM D3737	Standard Practice for Establishing Allowable Properties Glued Laminated Timber (Glulam) Only for: Test Methods
CSA O122	Structural glued-laminated timber
CSA O177	Qualification code for manufacturers of structural glued-laminated timber

(Paints and Finishes)

ANSI/HPVA EF	For Engineered Wood Flooring Bond Line Test Only for: Section 4.2
ANSI/KCMA A 161.1	Performance and Construction Standard for Kitchen and Vanity Cabinets
ASTM D1308	Standard Test Method for Effect of Household Chemicals on Clear Pigmented Organic Finishes
ASTM D2244	Standard Practice for Calculation of Color Tolerances and Color Differences from Instrumentally Measured Color Coordinates

ASTM D2457	Standard Test Method for Specular Gloss of Plastics Films and Solid Plastics
ASTM D3363	Standard Test Method for Film Hardness by Pencil Test
ASTM D4060	Standard Test Method for Abrasion Resistance of Organic Coatings by the Taber Abraser
ASTM D523	Standard Test Method for Specular Gloss
ASTM G155	Standard Practice for Operating Xenon Arc Light Apparatus for Exposure of Non-Metallic Materials

(Panel Products (Except Plywood))

ANSI A135.6	Engineered Wood Siding
ANSI A208.1	Particleboard
ANSI A208.2	Medium Density Fibreboard(MDF) For Interior Applications
ANSI/HPVA HP-1	For Hardwood and Decorative Plywood
APA PRP-108	Performance Standards and Qualification Policy for Structural-Use Panels
	Except for: Test method S-2 Sheathing and Sturd-I-Floor Performance Under Uniform Loads
	Test method S-10 Siding Performance Under Uniform Loads
APA PS 2	Performance Standard for Wood-Based Structural-Use Panels
	Except for: Method 7.2- Uniform load test, 7.14 - Adhesive mold test, 7.15 - Adhesive bacteria Test
ASTM C209	Standard Test Methods for Cellulosic Fiber Insulating Board
	Except for: Sections 9 and 17
ASTM D1037	Standard Test Methods for Evaluating Properties of Wood-Base Fiber and Particle Panel Materials
	Except for: Compression parallel to surface
ASTM D2718	Standard Test Methods for Structural Panels in Planar Shear (Shear Rolling)
ASTM D5651	Standard Test Method for Surface Bond Strength of Wood-Base Fiber and Particle Panel Materials
ASTM E96/E96M	Standards Test Methods for Water Vapor Transmission of Materials
CAN/CGSB 11.3	Hardboard
CAN/CGSB 11.5	Hardboard, Precoated, Factory Finished, for Exterior Cladding
	Except for: durability in 7.1.2
CAN/ULC-S706	Standard for Wood Fiber Thermal Insulation for Buildings
	Except for: 7.6 - Air Permeance, 7.10 - Offset, 7.12 - Surface burning characteristics et 7.15 - Vented edge
CAN3-O437.0	Standard for on OSB and Waferboard
CAN3-O437.1	Test Methods for OSB and Waferboard

CSA 0325 Construction Sheathing

(Plywood)

APA PS1 Structural Plywood
Except for: Method 6.2.2-Test for performance under uniform loads

ASTM D3043 Standard Test Methods for Structural Panels in Flexure
Except for: Method B
Method C

CSA O121 Douglas Fir Plywood

CSA O151 Canadian Softwood Plywood

CSA O153 Poplar Plywood

(Solid wood)

ASTM D143 Methods of Testing for Small Clear Specimens of Timber

Except for: Impact test

ASTM D198 Standard Test Methods of Static Tests of Lumber in Structural Sizes

ASTM D2555 Standard Practice for Establishing Clear Wood Strength Values

(Wood Products, General)

ASTM C518 Standard Test Method for Steady-State Thermal Transmission Properties by Means of the Heat Flow Meter Apparatus

ASTM D2394 Standard Test Method for Simulated Service Testing of Wood and Wood-Base Finish Flooring

ASTM D2395 Standard Test Methods for Density and Specific Gravity (Relative Gravity) of Wood and Wood-Based Materials

ASTM D2915 Standard Practice for Sampling and Data-Analysis for Structural Lumber and Wood-Based Products

ASTM D4442 Standard Test Methods for Direct Moisture Content Measurement of Wood and Wood-Based Materials
Only for: Method B-Oven-Drying (Secondary)

ASTM D4761 Standard Test Methods for Mechanical Properties of Lumber and Wood-Base Structural Material

ASTM D5652 Standard Test Methods for Single-Bolt Connections in Wood and Wood-Based Products

ASTM D5764 Standard Test Method for Evaluating Dowel-Bearing Strength of Wood and Wood-Based Products

ASTM D6874	Standard Test Methods for Nondestructive Evaluation of Wood-Based Flexural Members Using Transverse Vibration
ASTM D7147	Standard Specification for Testing and Establishing Allowable Loads of Joist Hangers
ASTM D7469	Standard Test Methods for End-Joints in Structural Wood Products
ASTM E2126	Standard Test Methods for Cyclic (Reversed) Load Test for Shear Resistance of Vertical Elements of the Lateral Force Resisting Systems for Buildings
ASTM E564	Standard Practice for Method of Static Load Test for Shear Resistance of Framed Walls for Buildings
ASTM E661	Standard Test Methods for Performance of Wood, and Wood-Based Floors and Roof Sheathing Under Concentrated Static and Impact Loads
ASTM E695	Standard Test Methods of Measuring Relative Resistance of Wall, Floor, and Roof Constructions to Impact Loading
ASTM E72	Standard Test Methods of Conducting Strength Tests of Panels for Building Construction
EN 408	Timber Structures, Structural Timber and Glued Laminated Timber. Determination of some Physical and Mechanical Properties

Notes:

AITC: American Institute of Timber Construction

ANSI: American National Standards Institute

APA: The Engineered Wood Association

ASME: American Society of Mechanical Engineers

ASTM: American Society for Testing and Materials

BIFMA: BIFMA International

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

CGSB: Canadian Government Standard Board

CSA: Canadian Standards Association

EN: European Norm

FPI/M: FPInnovations

NLGA: National Lumber Grades Authority

PS: Product Standard, U.S. Office of Engineering Standards Services, National Institute of Standards and Technology

ULC: Underwriters' Laboratories of Canada

Date: 2018-11-14

Number of Scope Listings: 91

SCC 1003-15/13

Partner File #0

Partner: