

TESTING AND CALIBRATION LABORATORY ACCREDITATION PROGRAM (LAP)

Scope of Accreditation

Accredited Laboratory No. 23

Legal Name of Accredited Laboratory: **FPInnovations**

Location Name or Operating as (if applicable): Centre de Foresterie des Laurentides (CFL)

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Address: 1055, rue du PEPS, Québec, QC, G1V 4C7 (CFL)
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SCC File Number:	15013
Accreditation Standard(s):	ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories
Fields of Testing:	Chemical/Physical Mechanical/Physical
Program Specialty Area:	Test Method Development and Evaluation and Non-routine Testing (TMD-NRT)
Initial Accreditation:	1985-10-08
Most Recent Accreditation:	2024-11-23
Accreditation Valid to:	2029-10-08

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.

PROGRAM SPECIALITY AREA

Description of activities for which FPIInnovations, Building Systems Group, Eastern Laboratory, is accredited includes:

1. Non-routine testing of Wood, Engineered Wood Products, Fasteners, Connections, Assemblies, and Structural Systems used in Wood-based and Hybrid Construction, using Constant Loads, Increasing Monotonic Loads, Reverse Cyclic Loads, Wood adhesives or formaldehyde and VOC.

2. Testing of Wood, Engineered Wood Products, Fasteners, Connections, Assemblies, and Structural Systems used in Wood-based and Hybrid Construction, using Constant Loads, Increasing Monotonic Loads, Reverse Cyclic Loads, Wood adhesives or formaldehyde and VOC, relevant to the Wood Products industry, by applying modifications, improvements, and deviations to published or existing test methodologies for determining strength, stiffness, deformations properties and other relevant properties. Examples include [but not limited to]:
 ASTM D4688, ASTM D5572, ASTM D7247, CSA O112.9, CSA O112.10, CSA O437.2, ASTM D1761 ASTM E8, CSA S347, ANSI 117, AITC Methods, ANSI 190.1, CSA O122, CSA O177, ASTM D143, ASTM D3737, ASTM D3043, ASTM 2555, APA PS1, CSA O153, ISO 12460-5, ANSI 135.6, ANSI 208.1, ANSI 208.2, APA PRP 108, APA PS2, ASTM C209, ASTM D2718, ASTM D5651, CGSB 11.3, CSA O325, CAN/ULC S706.1, CSA O437.1, CSA O325, ASTM D2394, ASTM D2915, ASTM D5652, ASTM D5764, ASTM D7147, ASTM D7469, ASTM E2126, ASTM E564, ASTM E661, ASTM E72, EN 408, ASTM D5055, ASTM D5456, ANSI/PRG 320.

Note: The laboratory accredited under this PSA have demonstrated that it meets ISO/IEC 17025:2017 requirements for non-routine testing under the following product classification.

ELASTOMERS AND PROTECTIVE AND COATINGS

Adhesives (Organic Resins) and Glues:

Glues (Including Adhesives and Binders)

ASTM D2559	Standard Specification for Adhesives for Bonded Structural Wood Products for Use Under Exterior Exposure Conditions
ASTM D5266	Standard Practice for Estimating the Percentage of Wood Failure in Adhesive Bonded Joints
ASTM D905	Standard Test Method for Strength Properties of Adhesive Bonds in Shear by Compression Loading

WOOD PRODUCTS

Construction Materials (including for Furniture):

(Solid Wood)

ASTM D198	Standard Test Methods of Static Tests of Lumber in Structural Sizes Except for: Torsion
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(Formaldehyde Emissions)

ASTM D5582	Standard Test Method for Determining Formaldehyde Levels from Wood Products Using a Desicator
ASTM D6007	Standard Test Method for Determining Formaldehyde Concentrations 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 Chamber

Panel Products (Except Plywood)

ASTM D1037	Standard Test Methods for Evaluating Properties of Wood-Base Fiber and Particle Panel Materials Except for: Compression Parallel to Surface, Abrasion Resistance by the U.S. Navy Wear Tester
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Wood Products, General

ASTM C518	Standard Test Method for Steady-State Thermal Transmission Properties by Means of the Heat Flow Meter Apparatus
ASTM D2395	Standard Test Methods for Density and Specific Gravity (Relative Gravity) of Wood and Wood-Based Materials Only for: Test Method A and Test Method B
ASTM D4442	Standard Test Methods for Direct Moisture Content Measurement of Wood and Wood-Based Materials Only for: Method B – Secondary Oven-Drying Method
ASTM D4761	Standard Test Methods for Mechanical Properties of Lumber and Wood-Base Structural Materials
ASTM D6874	Standard Test Methods for Nondestructive Evaluation of the Stiffness of Wood and Wood-Based Materials Using Transverse Vibration or Stress Wave Propagation

Number of Scope Listings: 13

Notes

The accredited tests are performed at two sites: 1055, rue du PEPS, Quebec (QC) G1V 4C7 and University Laval, Pavillon Gene H. Kruger 2425 rue de la Terrasse, Québec (QC) G1V 0A6. Tests done at 1055, rue du PEPS are indicated by adding a symbol (*) after the test method.

AITC: American Institute of Timber Construction



ANSI: American National Standards Institute

APA: The Engineered Wood Association

ASTM: ASTM International (formerly American Society for Testing and Materials)

CGSB: Canadian Government Standard Board

CSA: Canadian Standards Association

EN: European Norm

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-ccn.ca.

Elias Rafoul
Vice-President, Accreditation Services
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