

# ICC ACCREDITED TESTING LABORATORY

*Accreditation by IAS (formerly ICBO ES) as a testing laboratory indicates that we meet the highest international quality standards, and applicants for an evaluation report may use our reports and services as evidence of code compliance.*

## Scope of Accreditation

### Fasteners & Connections

- AC95: Acceptance Criteria for Test Method to Determine Bending Yield Moment of Nails
- AC116: Acceptance Criteria for Nails and Spikes
- ANSI/TPI 1-1995: Standard Method of Test for Determining Lateral Resistance, Shear, and Tensile Strength of Metal Connector Plate Teeth
- ASTM A641: Standard Specification for Zinc-Coated (Galvanized) Carbon Steel Wire
- ASTM D1761: Standard Test Methods for Mechanical Fasteners in Wood
- ASTM D5652: Standard Test Methods for Bolted Connections in Wood and Wood-Based Products
- ASTM D5764: Standard Test Method for Evaluating Dowel-Bearing Strength of Wood and Wood-Based Products
- ASTM D6117: Standard Test Methods for Mechanical Fasteners in Plastic Lumber and Shapes
- ASTM F1575: Standard Test Method for Determining Bending Yield Moment of Nails
- ASTM F1667: Standard Specification for Driven Fasteners: Nails, Spikes, and Staples

### Deck Board & Guardrail Systems

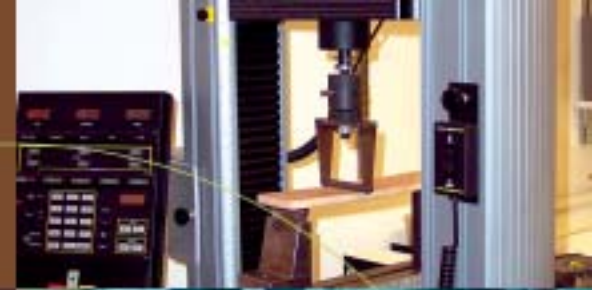
- AC174: Acceptance Criteria for Deck Board Span Ratings and Guardrail Systems (Guards and Handrails)

### Physical/Structural Testing of Wood & Wood-Based Products

- AC47: Acceptance Criteria for Structural Composite Lumber
- AC124: Acceptance Criteria for Wood-Based Rim Board Products
- ASTM D143: Standard Test Methods for Small Clear Specimens of Timber
- ASTM D198: Standard Test Methods of Static Tests of Lumber in Structural Sizes
- ASTM D2395: Standard Test Methods for Specific Gravity of Wood and Wood-Based Materials
- ASTM D2559: Standard Specification for Adhesives for Structural Laminated Wood Products for Use Under Exterior (Wet Use) Exposure Conditions
- ASTM D2915: Standard Practice for Evaluating Allowable Properties for Grades of Structural Lumber
- ASTM D4442: Standard Test Methods for Direct Moisture Content Measurement of Wood and Wood-Based Materials
- ASTM D4761: Standard Test Methods for Mechanical Properties of Lumber and Wood-Based Structural Material
- ASTM D4933: Standard Guide for Moisture Conditioning of Wood and Wood-Based Materials
- ASTM D5456: Standard Specification for Evaluation of Structural Composite Lumber Products
- ASTM D6815: Standard Specification for Evaluation of Duration of Load and Creep Effects of Wood and Wood-Based Products
- APA PRR-401: Performance Standard for APA EWS Rim Boards

### Panels

- ASTM D1037: Standard Test Methods for Evaluating Properties of Wood-Based Fiber and Particle Panel Materials
- ASTM D5651: Standard Test Method for Surface Bond Strength of Wood-Based Fiber and Particle Panel Materials
- ASTM E72: Standard Test Methods of Conducting Strength Tests of Panels for Building Construction
- ASTM E661: Standard Test Method for Performance of Wood and Wood-Based Floor and Roof Sheathing Under Concentrated Static and Impact Loads



For more information visit  
[www.wmel.wsu.edu](http://www.wmel.wsu.edu)  
or contact Dr. David Carradine  
WMEL IAS Technical Manager  
Tel.: 509.335.6260, FAX: 509.335.5077  
email: [carradine@wsu.edu](mailto:carradine@wsu.edu)

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## ***I-Joists***

- ASTM D5055: Standard Specification for Establishing and Monitoring Structural Capacities of Prefabricated Wood I-Joists
- AC14: ICC-ES Interim Criteria for Prefabricated Wood I-Joists

## ***Assemblies***

- ASTM E564: Standard Practice for Static Load Test for Shear Resistance of Framed Walls for Buildings
- AC130: Acceptance Criteria for Prefabricated Wood Shear Panels
- ASTM E455: Standard Test Method for Static Load Testing of Framed Floor or Roof Diaphragm Constructions for Buildings

## **Testing of Plastics**

- AC174: Acceptance Criteria for Deck Board Span Ratings and Guardrail Systems (Guards and Handrails)
- ASTM D560: Standard Test methods for Freezing and Thawing Compacted Soil-Cement Mixtures
- ASTM D638: Standard Test Method for Tensile Properties of Plastics
- ASTM D695: Standard Test Method for Compressive Properties of Rigid Plastics
- ASTM D790: Standard Test Methods for Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials
- ASTM D792: Standard Test Methods for Density and Specific Gravity (Relative Density) of Plastics by Displacement
- ASTM D1621: Standard Test Method for Compressive Properties of Rigid Cellular Plastics
- ASTM D5651: Standard Test Method for Surface Bond Strength of Wood-Based Fiber and Particle Panel Materials
- ASTM D6108: Standard Test Method for Compressive Properties of Plastic Lumber and Shapes
- ASTM D6109: Standard Test Methods for Flexural Properties of Unreinforced and Reinforced Plastic Lumber
- ASTM D6111: Standard Test Method for Bulk Density and Specific Gravity of Plastic Lumber and Shapes by Displacement
- ASTM D6112: Standard Test Methods for Compressive and Flexural Creep and Creep-Rupture of Plastic Lumber and Shapes
- ASTM D6117: Standard Test Methods for Mechanical Fasteners in Plastic Lumber and Shapes
- ASTM D6435: Standard Test Method for Shear Properties of Plastic Lumber and Plastic Lumber Shapes
- ASTM D6662: Standard Specification for Polyolefin-Based Plastic Lumber Decking Boards

## **Structural Sandwich Constructions**

- AC04: Acceptance Criteria for Sandwich Panels
- ASTM C271: Standard Test Method for Density of Sandwich Core Materials
- ASTM C272: Standard Test Method for Water Absorption of Core Materials for Structural Sandwich Constructions
- ASTM C297: Standard Test Method for Flatwise Tensile Strength of Sandwich Constructions
- ASTM C365: Standard Test Method for Flatwise Compressive Properties of Sandwich Cores
- ASTM C393: Standard Test Method for Flexural Properties of Sandwich Constructions

## **Other**

### ***Surface Frictional Testing***

- ASTM C1028: Standard Test Method for Determining the Static Coefficient of Friction of Ceramic Tile and Other Like Surfaces by the Horizontal Dynamometer Pull-Meter Method
- ASTM F1679: Standard Test Method for Using a Variable Incidence Tribometer (VIT)

### ***Structural Bamboo***

- AC162: Acceptance Criteria for Structural Bamboo

### ***Rockwell Hardness Test for Metallic Materials***

- ASTM E18: Standard Test Methods for Rockwell Hardness and Rockwell Superficial Hardness of Metallic Materials

