ADHESIVES
ASTM D905 Strength Properties of Adhesive Bonds in Shear by Compression Loading
ASTM D1101 Integrity of Adhesive Joints in Laminated Wood Products for Exterior Use
ASTM D2339 Strength Properties of Adhesives in Two-Ply Wood Construction in Shear
ASTM D2559 Standard Specification for Adhesives for Structural Laminated Wood Products
ASTM D3165 Lap Shear Strength Properties of Adhesives
ASTM D5868 Lap Shear Adhesion for Fiber Reinforced (FRP) Plastic Bonding

COMPOSITE MATERIALS
ASTM C393 Flexural Properties of Sandwich Constructions
ASTM D2344 Short-beam Strength of Polymer Matrix Composite Materials and Their Laminates
ASTM D2584 Ignition Loss of Cured Reinforced Resins
ASTM D3039 Tensile Properties of Polymer Matrix Composite Materials
ASTM D3410 Compressive Properties of Composite Materials by Shear Loading
ASTM D3479 Tension-Tension Fatigue of Polymer Matrix Composite Materials
ASTM D3518 In-Plane Shear of Composite Materials by Tensile Test of a ± 45° Laminate
ASTM D4255 Standard Guide for Testing In-plane Shear Properties of Composite Laminates
ASTM D5379 Shear Properties of Composite Materials by the V-Notched Beam Method
ASTM D5528 Mode I Interlaminar Fracture Toughness of Unidirectional Composites
ASTM D5766 Open Hole Tensile Strength of Polymer Matrix Composite Laminates
ASTM D6115 Mode I Fatigue Delamination Growth Onset of Unidirectional Composites
ASTM D6641 Compressive Properties of Composite Laminates
ASTM F1679 Using a Variable Incidence Tribometer (VIT)

FASTENERS
ASTM D1761 Standard Test Methods for Mechanical Fasteners in Wood

PLASTIC MATERIALS
ASTM D256 Determining the Izod Pendulum Impact Resistance of Plastics
ASTM D635 Rate of Burning of Plastics in a Horizontal Position
ASTM D638 Tensile Properties of Plastics
ASTM D695 Compressive Properties of Rigid Plastics
ASTM D696 Coefficient of Linear Thermal Expansion
ASTM D790 Flexural Properties of Plastics
ASTM D792 Density and Specific Gravity of Plastics by Displacement
ASTM D953 Bearing Strength of Plastics
ASTM D2765 Determination of Gel Content and Swell Ratio of Crosslinked Ethylene Plastics
ASTM D3846 In-Plane Shear Strength of Reinforced Plastics
ASTM D4065 Dynamic Mechanical Properties
ASTM D4812 Unnotched Cantilever Beam Impact Strength of Plastics
ASTM D6109 Flexural Properties of Unreinforced and Reinforced Plastic Lumber
ASTM D6110 Determining the Charpy Impact Resistance of Notched Specimens of Plastics

STRUCTURAL
ASTM C273 Shear Properties of Sandwich Core Materials
ASTM D7032 Performance Ratings for Wood-Plastic Composite Deck Boards and Guardrail Systems (Guards or Handrails)
ASTM E72 (Sec. 11 only) Conducting Strength Tests of Panels for Building Construction
ASTM E564 Static Load Test for Shear Resistance of Framed Walls for Buildings
ASTM E2126 Cyclic (Reversed) Load Test for Shear Resistance of Vertical Elements of the Lateral Force Resisting Systems for Buildings

WOOD PRODUCTS
ASTM D198 Static Tests of Lumber in Structural Sizes
ASTM D143 Testing Small Clear Specimens of Timber
ASTM D245 Structural Grades and Related Allowable Properties for Visually Graded Lumber
ASTM D1037 Evaluating Properties of Wood-Base Fiber and Particle Panel Materials
ASTM D2395 Specific Gravity of Wood and Wood-Based Materials
ASTM D2555 Establishing Clear Wood Strength Values
ASTM D3737 Establishing Allowable Properties for Structural Glued Laminated Timber (Glulam)
ASTM D4442 Direct Moisture Content Measurement of Wood and Wood-Base Material
ASTM D4761 Mechanical Properties of Lumber and Wood-Base Structural Material
ASTM D4933 Moisture Conditioning of Wood and Wood-Base Materials
ASTM D5456 Evaluation of Structural Composite Lumber Products
ASTM D6815 Duration of Load and Creep Effects of Wood and Wood-Based Products

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Panorama of Structural Testing Laboratory