

Miami-Dade County, Florida
DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES
BOARD AND CODE ADMINISTRATION DIVISION

Laboratory Certificate



PRODUCT CONTROL SECTION
11805 S.W. 26 Street-Room 208
Miami, Florida 33175-2474
T (786) 315-2590 Fax (786) 315-2599

This certifies that Shanghai Hongjum Science & Technology Co., Ltd. located at B Suite 22-2 OF Gangtian Building, Chongqing, GUA 400000, China is an approved Testing Laboratory in accordance with Miami-Dade County Department of Regulatory and Economic Resources and Protocol TAS 301-94, and is Certified to perform the following tests:

IAS Accreditation Report No.TL-658

Results of the above mentioned test shall be properly submitted to the Miami-Dade County Department of Regulatory and Economic Resources per TAS 301-94, along with all other documentation required for the approval of products. Approved engineer(s) for this laboratory:

Liang Zhou, P.E.

This Certification and Registration Approved: March 26, 2026

This Certification and Registration Expires : September 25, 2029

Certification No. : 26-0317.01 Revises: 24-0917.01

A blue ink signature of Helmy A. Makar.

*Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
Product Control Section*

A blue ink signature of Americo Segura.

*Americo Segura, M.S., CGC
Quality Assurance Unit Supervisor
Product Control Section*

The Miami-Dade County Department of Regulatory and Economic Resources reserves the right to remove this certification for non-compliance with rules and regulations as set by Protocol TAS 301-94.



CERTIFICATE OF ACCREDITATION

This is to attest

SHANGHAI HONGJUN SCIENCE & TECHNOLOGY CO., LTD.

B SUITE 22-2 OF GANGTIAN BUILDING
CHONGQING, GUA 400000, CHINA

Testing Laboratory TL-658

has met the requirements of AC89, IAS Accreditation Criteria for Testing Laboratories, and has demonstrated compliance with ISO/IEC Standard 17025:2017, General requirements for the competence of testing and calibration laboratories. This organization is accredited to provide the services specified in the scope of accreditation.

Effective Date September 2, 2025



International Accreditation Service

Issued under the authority of IAS management

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 101, Brea, California 92821, U.S.A. | www.iasonline.org

SHANGHAI HONGJUN SCIENCE & TECHNOLOGY CO., LTD.

Contact Name Chen Xiaofeng

Contact Phone +86-13637925198

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Accredited to ISO/IEC 17025:2017

Effective Date September 2, 2025

Physical	
ANSI A118.10	(Section 5.3 and 5.4 only)
ANSI A137.1	American National Standard Specifications For Ceramic Tile
ANSI 208.1	Particleboard
ANSI 208.2	Medium Density Fiberboard (MDF) for Interior Applications
ANSI/KCMA A161.1	Performance And Construction Standard For Kitchen And Vanity Cabinets
AS 2208	Safety glazing materials in buildings
AS 2858	Timber-Softwood-Visually stress-graded for structural purposes
AS 3718	Water supply - Tap ware
AS/NZS 1080.1	Timber - methods of test method 1: Moisture content
AS/NZS 1328.1	Glued laminated structural timber Part 1: Performance requirements and minimum production requirements
AS/NZS 1577	Scaffold decking components
AS/NZS 1604.4	Specification for preservative treatment - Laminated veneer lumber (LVL)
AS/NZS 1748.1	Timber - Solid - Stress-graded for structural purposes General requirements
AS/NZS 1859.1	Reconstituted wood-based panels—Specifications Part 1: Particleboard
AS/NZS 1860.1	Particleboard flooring Part 1: Specifications
AS/NZS 2098.1	Methods of test for veneer and plywood - Moisture content of veneer and plywood
AS/NZS 2098.2	Methods of test for veneer and plywood - Bond quality of plywood (chisel test)
AS/NZS 2098.3	Methods of test for veneer and plywood method 3: Bond quality and strength of scaft joints in plywood
AS/NZS 2098.4	Methods of test for veneer and plywood method 4: measurement of dimensions and shapes for sheets of veneer and plywood
AS/NZS 2269.0	Plywood—Structural, Part 0: Specifications
AS/NZS 2269.1	Plywood – Structural Part 1: Determination of structural properties – Test methods

TL-658

Shanghai Hongjun Science & Technology Co., Ltd.

Effective Date September 2, 2025

Page 2 of 19

IAS/TL/100-1



SCOPE OF ACCREDITATION

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3060 Saturn Street, Suite 101, Brea, California 92821, U.S.A. | www.iasonline.org

AS/NZS 2269.2	Plywood—Structural, Part 2: Determination of structural properties—Evaluation methods.
AS/NZS 2271	Plywood and blockboard for exterior use
AS/NZS 2272	Plywood - Marine
AS/NZS 2588	Gypsum plasterboard
AS/NZS 2908.2	Cellulose-cement products Part 2: Flat sheets
AS/NZS 3662	Performance of showers for bathing
AS/NZS 3678	Structural steel - Hot-rolled plates, floorplates and slabs
AS/NZS 3679.1	Structural steel Part 1: Hot-rolled bars and sections
AS/NZS 4063.1	Characterization of structural timber Part 1: Test methods
AS/NZS 4063.2	Characterization of structural timber Part 2: Determination of Characteristic values
AS/NZS 4266.1	Reconstituted wood-based panels— Methods of testing Part 1: Base panels
AS/NZS 4266.2	Reconstituted wood-based panels-Methods of testing Part 2: Decorative overlaid panels
AS/NZS 4266.26	Reconstituted wood-based panels-Methods of test - Method 26: Resistance to dry heat
AS/NZS 4266.27	Reconstituted wood-based panels-Methods of test - Method 27: Resistance to impact
AS/NZS 4357.1	Structural laminated veneer lumber - Method of test for measurement of dimensions and shape
AS/NZS 4666	Insulating glass units
AS/NZS 4859.1	Thermal insulation materials for buildings Part 1: General criteria and technical provisions
AS/NZS 4859.2	Thermal insulation materials for buildings Part 2: Design
ASME A112.18.1/CSA B125.1	Plumbing supply fittings
ASME A112.18.6/CSA B125.6	Flexible water connectors
ASME A112.19.3/CSA B45.4	Stainless steel plumbing fixtures
ASTM A90	Standard Test Method for Weight [Mass] of Coating on Iron and Steel Articles with Zinc or Zinc-Alloy Coatings
ASTM A153	Standard Specification for Zinc Coating (Hot-Dip) on Iron and Steel Hardware
ASTM C97	Standard Test Methods for Absorption and Bulk Specific Gravity of Dimension Stone
ASTM C99	Standard Test Method for Modulus of Rupture of Dimension Stone

TL-658

Shanghai Hongjun Science & Technology Co., Ltd.

Effective Date September 2, 2025

Page 3 of 19

IAS/TL/100-1



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ASTM C109/C109M	Standard Test Method for Compressive Strength of Hydraulic Cement Mortars (Using 50 mm [2 in.] Cube Specimens)
ASTM C170	Standard Test Method for Compressive Strength of Dimension Stone
ASTM C203	Standard Test Methods for Breaking Load and Flexural Properties of Block-Type Thermal Insulation
ASTM C241	Standard Test Method for Abrasion Resistance of Stone Subjected to Foot Traffic
ASTM C373	Standard Test Methods for Determination of Water Absorption and Associated Properties by Vacuum Method for Pressed Ceramic Tiles and Glass Tiles and Boil Method for Extruded Ceramic Tiles and Non-tile Fired Ceramic Whiteware Products
ASTM C482	Standard Test Method for Bond Strength of Ceramic Tile to Portland Cement Paste(Section 9.8 only)
ASTM C503	Standard Specification for Marble Dimension Stone
ASTM C578	Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation
ASTM C612	Standard Specification for Mineral Fiber Block and Board Thermal Insulation
ASTM C615	Standard Specification for Granite Dimension Stone
ASTM C648	Standard Test Method for Breaking Strength of Ceramic Tile
ASTM C661	Standard Test Method for Indentation Hardness of Elastomeric-Type Sealants by Means of a Durometer
ASTM C719	Standard Test Method for Adhesion and Cohesion of Elastomeric Joint Sealants Under Cyclic Movement (Hockman Cycle)
ASTM C836	Standard Specification for High Solids Content, Cold Liquid-Applied Elastomeric Waterproofing Membrane for Use with Separate Wearing Course
ASTM C880	Standard Test Method for Flexural Strength of Dimension Stone
ASTM C847	Standard Specification for Metal Lath
ASTM C1064	Standard Test Method for Temperature of Freshly Mixed Hydraulic-Cement Concrete
ASTM C1185	Standard Test Methods for Sampling and Testing Non-Asbestos Fiber-Cement Flat Sheet, Roofing and Siding Shingles, and Clapboards
ASTM C1186	Standard Specification for Flat Fiber-Cement Sheets
ASTM C1288	Standard Specification for Fiber-Cement Interior Substrate Sheets
ASTM C1305	Standard Test Method for Crack Bridging Ability of Liquid-Applied Waterproofing Membrane
ASTM C1354	Standard Test Method for Strength of Individual Stone Anchorages in Dimension Stone
ASTM C1693	Standard Specification for Autoclaved Aerated Concrete (AAC)(Section 6 to 8 only)

TL-658

Shanghai Hongjun Science & Technology Co., Ltd.

Effective Date September 2, 2025

Page 4 of 19

IAS/TL/100-1



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ASTM C1694	Standard Specification for Reinforced Autoclaved Aerated Concrete (AAC) Elements (Section 5.1 to 5.3, Section 5.7 and Section 8 only)
ASTM D198	Test Methods of Static Tests of Lumber in Structural Sizes
ASTM D412	Standard Test Methods for Vulcanized Rubber and Thermoplastic Elastomers—Tension
ASTM D522/522M	Standard Test Methods for Mandrel Bend Test of Attached Organic Coatings
ASTM D543	Standard Practices for Evaluating the Resistance of Plastics to Chemical Reagents
ASTM D570	Standard Test Method for Water Absorption of Plastics
ASTM D624	Standard Test Method for Tear Strength of Conventional Vulcanized Rubber and Thermoplastic Elastomers
ASTM D903	Standard Test Method for Peel or Stripping Strength of Adhesive Bonds
ASTM D1475	Standard Test Method For Density of Liquid Coatings, Inks, and Related Products
ASTM D1621	Standard Test Method for Compressive Properties of Rigid Cellular Plastics
ASTM D1622	Standard Test Method for Apparent Density of Rigid Cellular Plastics
ASTM D1623	Standard Test Method for Tensile and Tensile Adhesion Properties of Rigid Cellular Plastics
ASTM D1640/1640M	Standard Test Methods for Drying, Curing, or Film Formation of Organic Coatings
ASTM D1781	Standard Test Method for Climbing Drum Peel for Adhesives
ASTM D1970/1970M	Standard Specification for Self-Adhering Polymer Modified Bituminous Sheet Materials Used as Steep Roofing Underlayment for Ice Dam Protection
ASTM D2126	Standard Test Method for Response of Rigid Cellular Plastics to Thermal and Humid Aging
ASTM D2240	Standard Test Method for Rubber Property—Durometer Hardness
ASTM D2697	Standard Test Method for Volume Nonvolatile Matter in Clear or Pigmented Coatings
ASTM D2898	Standard Practice for Accelerated Weathering of Fire-Retardant-Treated Wood for Fire Testing
ASTM D4060	Standard Test Method for Abrasion Resistance of Organic Coatings by the Taber Abraser
ASTM D4761	Test Methods for Mechanical Properties of Lumber and Wood-Base Structural Material
ASTM D5055	Standard Specification for Establishing and Monitoring Structural Capacities of Prefabricated Wood I-Joists
ASTM D5147/5147M	Standard Test Methods for Sampling and Testing Modified Bituminous Sheet Material

TL-658

Shanghai Hongjun Science & Technology Co., Ltd.

Effective Date September 2, 2025

Page 5 of 19

IAS/TL/100-1



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ASTM D5379/ D5379M-19E1	Standard Test Method for Shear Properties of Composite Materials by the V-Notched Beam Method
ASTM D5764-97a	Test Methods for Evaluating Dowel-Bearing Strength of Wood and Wood-Based Products
ASTM D6109	Test Methods for Flexural Properties of Unreinforced and Reinforced Plastic Lumber and Related Products
ASTM D6694/D6694M	Standard Specification for Liquid-Applied Silicone Coating Used in Spray Polyurethane Foam Roofing Systems
ASTM D6947/D6947M	Standard Specification for Liquid Applied Moisture Cured Polyurethane Coating Used in Spray Polyurethane Foam Roofing System
ASTM D7033	Standard Practice for Establishing Design Capacities for Oriented Strand Board (OSB) Wood-Based Structural-Use Panels
ASTM D7234	Standard Test Method for Pull-Off Strength of Coatings on Concrete Using Portable Pull-Off Adhesion Testers
ASTM D7349/7349M	Standard Test Method for Determining the Capability of Roofing and Waterproofing Materials to Seal Around Fasteners
ASTM D8257	Standard Specification for Mechanically Attached Polymeric Roof Underlayment Used in Steep Slope Roofing
ASTM E154/E154M	Standard Test Methods for Water Vapor Retarders Used in Contact with Earth Under Concrete Slabs, on Walls, or as Ground Cover
ASTM E1333	Standard Test Method for Determining Formaldehyde Concentrations in Air and Emission Rates from Wood Products Using a Large Chamber
ASTM F970	Standard Test Method for Measuring Recovery Properties of Floor Coverings after Static Loading
ASTM F1667	Standard Specification for Driven Fasteners: Nails, Spikes, and Staples
ASTM F1914	Standard Test Methods for Short-Term Indentation and Residual Indentation of Resilient Floor Covering
ASTM F2199	Standard Test Method for Determining Dimensional Stability and Curling Properties of Resilient Flooring after Exposure to Heat
BS EN 408	Timber structures. Structural timber and glued laminated timber. Determination of some physical and mechanical properties
BS EN 14374	Timber structures-structural laminated veneer lumber-requirements
EN 817	Sanitary tapware - Mechanical mixing valves (PN 10)-General technical specifications
EN 1112	Sanitary tapware - Shower outlets for sanitary tapware for water supply systems of type 1 and type 2-General technical specification

TL-658

Shanghai Hongjun Science & Technology Co., Ltd.

Effective Date September 2, 2025

Page 6 of 19

IAS/TL/100-1



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EN 1113	Sanitary tapware - Shower hoses for sanitary tapware for water supply systems of type 1 and type 2-General technical specification
EN 12390-8	Testing hardened concrete - Part 8: Depth of penetration of water under pressure
EN 12467	Fibre-cement flat sheets - Product specification and test methods
EN 13986	Wood-based Panels For Use In Construction - Characteristics, Evaluation Of Conformity And Marking (Sections 5.3 to 5.6, 5.9, 5.17)
EN 14080	Timber structures — Glued laminated timber and glued solid timber — Requirements
EN 15534-1	Composites made from cellulose-based materials and thermoplastics (usually called wood-polymer composites (WPC) or natural fiber composites (NFC))-Part 1: Test methods for characterization of compounds and products
EN 15534-4	Composites made from cellulose-based materials and thermoplastics (usually called wood-polymer composites (WPC) or natural fibre composites (NFC))-Part 4: Specifications for decking profiles and tiles
EN 15534-5	Composites made from cellulose-based materials and thermoplastics (usually called wood-polymer composites (WPC) or natural fibre composites (NFC))-Part 5: Specifications for cladding profiles and tiles
EN 15814	Polymer modified bituminous thick coatings for waterproofing-Definitions and requirements
FEICA OCF TM 1014	Determination of the Tack Free Time of an OCF Canister Foam
FEICA OCF TM 1018	Determination of the Tensile Strength of an OCF Canister Foam
FEICA OCF TM 1019	Determination of the Free Foamed Density of an OCF Canister Foam
GB/T 11982	Polyvinyl chloride floor coverings-Part 1: Hetero generous polyvinyl chloride floor coverings
GB/T 15102	Surface decorated fiberboard and particleboard with paper impregnated thermosetting resins
GB/T 17657	Test methods of evaluating the properties of wood-based panels and surface decorated wood-based panels (Sections 4.1 to 4.6, 4.56 to 4.57).
GB/T 28985	Wood I-joist for building structures
GB/T 29418	Test methods for mechanical and physical properties of wood-plastic composite product
GB/T 29419	Establishing performance ratings for wood-plastic composite deck boards and guardrail system performance
GB/T 34722	Surface decorated plywood and blockboard with paper impregnated thermosetting resins
GB/T 37315	Basic Requirements of Bond Performance of Adhesives of Timber Structure
IAMPO PS106	Tileable shower receptors and shower kits (Sections 4.1.2, 4.9, 5.3 and 5.8 only)

TL-658

Shanghai Hongjun Science & Technology Co., Ltd.

Effective Date September 2, 2025

Page 7 of 19

IAS/TL/100-1



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ISO 868	Plastics and ebonite — Determination of indentation hardness by means of adurometer (Shore hardness)
ISO 1183-1	Plastics — Methods for determining the density of non-cellular plastics — Part 1:Immersion method, liquid pycnometer method and titration method
ISO 8339	Building construction — Sealants — Determination of tensile properties (Extension to break)
ISO 11600	Building construction — Jointing products — Classification and requirements for sealants
ISO 22389-1	Timber structures — Bending strength of I-beams — Part 1: Testing, evaluation and characterization
JAS 0701	Laminated Veneer Lumber
JAS 701	Laminated Veneer Lumber
JAS 1073	Flooring
JAS 1083	Sawn Lumber
JAS 1751	Japanese Agricultural Standard for Plywood
LY-T 1580-2010	Oriented Strand Board
MAFF Notification No. 475	Japanese Agricultural Standards for Glulam wood
MAFF Notification No. 475	Japanese Agricultural Standards for Plywood
Environmental	
40 CFR Part 770 Title VI (EPA)	Formaldehyde Concentrations in Air from Composite Wood Products
AB 1953	Lead Plumbing
AS 1720.1	Timber Structures-Part 1: Design Methods
AS 5604	Timber-Natural durability ratings
AS/NZS 1604.1	Preservative-treated wood-based products Part 1: Products and treatment
AS/NZS 1604.2	Preservative-treated wood-based products Part 2: Verification requirements
AS/NZS 1604.3	Preservative-treated wood-based products Part 3: Test methods
AS/NZS 2098.11	Methods of Test for Veneer and Plywood, Method 11: Determination of Formaldehyde Emissions for Plywood
AS/NZS 2754.1	Adhesives for timber and timber products - Adhesives for manufacture of plywood and laminated veneer lumber (LVL)

TL-658

Shanghai Hongjun Science & Technology Co., Ltd.

Effective Date September 2, 2025

Page 8 of 19

IAS/TL/100-1



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AS/NZS 4357.4	Structural laminated veneer lumber - Determination of formaldehyde emissions
ASTM B117	Standard Practice for Operating Salt Spray (Fog) Apparatus
ASTM B368	Standard Test Method for Copper-Accelerated Acetic Acid-Salt Spray (Fog) Testing (CASS Test)
ASTM B380	Standard Test Method for Corrosion Testing of Decorative Electrodeposited Coatings by the Corrodikote Procedure
ASTM C1694	Standard Specification for Reinforced Autoclaved Aerated Concrete (AAC) Elements (Section 5.5 and Section 7 only)
ASTM D610	Standard Practice for Evaluating Degree of Rusting on Painted Steel Surfaces
ASTM D 2369	Standard Test Method for Volatile Content of Coatings
ASTM D2559	Standard Specification for Adhesives for Bonded Structural Wood Products for Use Under Exterior Exposure Conditions
ASTM D3434	Standard Test Method for Multiple-Cycle Accelerated Aging Test (Automatic Boil Test) for Exterior Wet Use Wood Adhesives
ASTM D4442	Standard Test Methods for Direct Moisture Content Measurement of Wood and Wood-Based Materials
ASTM D5116	Standard Guide for Small-Scale Environmental Chamber Determinations of Organic Emissions from Indoor Materials/Products
ASTM D5197	Standard Test Method for Determination of Formaldehyde and Other Carbonyl Compounds in Air (Active Sampler Methodology)
ASTM D5582	Standard Test Method for Determining Formaldehyde Levels from Wood Products Using a Desiccator
ASTM D6007	Standard Test Method for Determining Formaldehyde Concentrations in Air from Wood Products Using a Small-Scale Chamber
ASTM D6196	Standard Practice for Choosing Sorbents, Sampling Parameters and Thermal Desorption Analytical Conditions for Monitoring Volatile Organic Chemicals in Air
ASTM D6330	Standard Practice for Determination of Volatile Organic Compounds (Excluding Formaldehyde) Emissions from Wood-Based Panels Using Small Environmental Chambers Under Defined Test Conditions
ASTM D6670	Standard Practice for Full-Scale Chamber Determination of Volatile Organic Emissions from Indoor Materials/Products
ASTM D6803	Standard Practice for Testing and Sampling of Volatile Organic Compounds (Including Carbonyl Compounds) Emitted from Paint Using Small Environmental Chambers
ASTM D7339	Standard Test Method for Determination of Volatile Organic Compounds Emitted from Carpet using a Specific Sorbent Tube and Thermal Desorption / Gas Chromatography
ASTM G85	Standard Practice for Modified Salt Spray (Fog) Testing

TL-658

Shanghai Hongjun Science & Technology Co., Ltd.

Effective Date September 2, 2025

Page 9 of 19

IAS/TL/100-1



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ASTM G154	Standard Practice for Operating Fluorescent Ultraviolet (UV) Lamp Apparatus for Exposure of Nonmetallic Materials
AWPA A28	Standard Method for Determination of Propiconazole and Tebuconazole in Waterborne Formulations and in Treating Solutions by HPLC
AWPA A43	Standard Method for Analysis for Imidacloprid in Wood and Waterborne Formulations
BS 1088	Marine plywood - Requirements
BS 2482	Specification for timber scaffold boards
BS EN 248	Sanitary tapware-General specification for electrodeposited coatings of Ni-Cr
BS EN 300	Oriented Strand Boards (OSB) -Definitions, Classification and Specifications
BS EN 312	Particleboards — Specifications
BS EN 314-1	Plywood - Bonding quality - Test methods
BS EN 317	Particleboards and Fiberboards-Determination of Swelling in thickness after immersion in water.
BS EN 319	Particleboards and Fiberboards-Determination of tensile strength perpendicular to the plane of the board.
BS EN 321	Wood-based panels-Determination of moisture resistance under cyclic test conditions
BS EN 322	Wood-based panels-Determination of moisture content
BS EN 324-1	Wood-based panels-Determination of dimensions of board-Part 1: Determination of thickness, width and length
BS EN 622-1	Fiberboards-Specifications-Part 1: General requirements.
BS EN 622-2	Fiberboards-Specifications -Part 2: Requirements for hardboards
BS EN 622-3	Fiberboards-Specifications-Part 3: Requirements for medium board
BS EN 622-4	Fibreboards —Specifications Part 4: Requirements for softboards
BS EN 636	Plywood — Specifications
BS EN ISO 717-1	Acoustics - Rating Of Sound Insulation In Buildings And Of Building Elements - Part 1: Airborne Sound Insulation
BS EN 717-1	Wood-based panels - Determination of formaldehyde release - Part 1: Formaldehyde emission by the chamber method
BS EN 717-3	Wood-based panels - Determination of formaldehyde release - Part 3: Formaldehyde release by the flask method
BS EN 1087-1	Particleboards-Determination of moisture resistances-Part 1: Boil test
BS EN 1534	Wood flooring —Determination of resistance to indentation — Test method
BS EN 12460-3	Wood-Based Panels - Determination Of Formaldehyde Release - Part 3: Gas Analysis Method

TL-658

Shanghai Hongjun Science & Technology Co., Ltd.

Effective Date September 2, 2025

Page 10 of 19

IAS/TL/100-1



SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

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BS EN 12460-4	Wood-Based Panels - Determination Of Formaldehyde Release - Part 4: Desiccator Method
BS EN 12460-5	Wood-Based Panels - Determination Of Formaldehyde Release - Extraction Method (Called The Perforator Method)
BS EN 13183-1	Moisture content of a piece of swan timber-Part 1: Determination by oven dry method
BS EN 13329	Laminate floor coverings— Elements with a surface layer based on aminoplastic thermosetting resins —Specifications, requirements and test methods
BS EN 16000-9	Indoor air - Determination of the emission of volatile organic Compounds from building products and furnishing - Emission test chamber method
BS EN 16516	Construction products: Assessment of release of dangerous substances - Determination of emissions into indoor air
BS EN ISO 10289	Methods for corrosion testing of metallic and other inorganic coatings on metallic substrates - Rating of test specimens and manufactured articles subjected to corrosion tests
CDPH/EHLB/Standard Method V1.2	California Department of Public Health, Standard Method For the Testing and Evaluation of Volatile Organic Chemical Emissions From Indoor Sources Using Environmental Chambers
CEN/TR 14823	Durability of wood and wood-based products - Quantitative determination of pentachlorophenol in wood - Gas chromatographic method
EN 120	Plastics - Phenol-formaldehyde Mouldings - Determination Of Free Ammonia And Ammonium Compounds - Colorimetric Comparison Method
EN 310	Wood-based panels-Determination of modulus of elasticity in bending and by bending strength
EN 13986	Wood-based Panels for use in Construction - Characteristics, Evaluation Of Conformity and Marking (Section 5.7)
EN ISO 10580	Resilient, Textile And Laminate Floor Coverings - Test Method For Volatile Organic Compound (Voc) Emissions
EPA 200.8	Determination of Trace Elements in Waters and Wastes by Inductively Coupled Plasma-Mass Spectrometry
GB 18580	Indoor decorating and refurbishing materials – Limit of formaldehyde emission of wood based panels and finishing products
GB 18583	Indoor decorating and refurbishing materials-Limit of harmful substances of adhesives
GB 18584	Indoor decorating and refurbishing materials – Limit of harmful substances of wood based furniture
GB 18587	Indoor decorating and refurbishing materials – Limitations of harmful substances emitted from carpets, carpet cushions and adhesives
GB 50325	Code for indoor environmental pollution control of civil building engineering

TL-658

Shanghai Hongjun Science & Technology Co., Ltd.

Effective Date September 2, 2025

Page 11 of 19

IAS/TL/100-1



SCOPE OF ACCREDITATION

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GB/T 4897	Particle Board
GB/T 5750.6	Standard examination methods for drinking water – Part 6: Metal and metalloid indices
GB/T 9846	Plywood
GB/T 10125	Corrosion tests in artificial atmospheres – Salt spray tests
GB/T 11718	Medium Density Fiberboard
GB/T 16422.3	Plastics – Methods of exposure to laboratory light sources – Part 3: Fluorescent UV lamps
GB/T 17657	Test methods of evaluating the properties of wood-based panels and surface decorated wood-based panels (Sections 4.13 to 4.19, 4.26, 4.28, 4.30 to 4.50, 4.52 and 4.58 to 4.61 only)
GB/T 28489	Limits of hazardous substances for musical instruments
GB/T 29899	Determination of the emission of volatile organic compounds from wood-based panels and furnishing – Small chamber method
GB/T 31107	Environmental chamber for the determination of volatile organic compounds of furniture - General technical requirements
GB/T 35469	Test method of anti-mold activity of building wood-plastic composites
GB/T 39600	Formaldehyde emission grading for wood-based panel and finishing products
HJ 571	Technical requirement for environmental labeling products—Wood based panels and finishing products
ISO 9227	Corrosion tests in artificial atmospheres-Salt spray tests
ISO 11890-2	Paints and varnishes — Determination of volatile organic compounds (VOC) and/or semi volatile organic compounds (SVOC) content — Part 2: Gas-chromatographic method
ISO 12219-4	Interior air of road vehicles - Part 4: Method for the determination of the emissions of volatile organic compounds from vehicle interior parts and materials - Small chamber method
ISO 12460-1	Wood-based panels - Determination of formaldehyde release - Part 1: Formaldehyde emission by the 1-cubic-metre chamber method
ISO 16000-3	Indoor air - Part 3: Determination of formaldehyde and other carbonyl compounds in indoor air and test chamber air - Active sampling method
ISO 16000-6	Indoor air - Part 6: Determination of volatile organic compounds in indoor and test chamber air by active sampling on Tenax TA® sorbent, thermal desorption and gas chromatography using MS or MS-FID
ISO 16000-11	Indoor air - Part 11: Determination of the emission of volatile organic compounds from building products and furnishing - Sampling, storage of samples and preparation of test specimens
ISO 16000-28	Determination of odour emissions from building products using test chambers

TL-658

Shanghai Hongjun Science & Technology Co., Ltd.

Effective Date September 2, 2025

Page 12 of 19

IAS/TL/100-1



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JCT 2039	Antibacterial and mildew-proof wooden boards for decoration
JIS A 1460	Determination Of The Emission Of Formaldehyde From Building Boards - Desiccator Method
JIS A 1901	Determination Of The Emission Of Volatile Organic Compounds And Aldehydes By Building Products - Small Chamber Method
JIS Z 2801	Antibacterial products -Test for antibacterial activity and efficacy
LY/T 3230	Classification of volatile organic compounds emission contents from wood-based panels and their finishing products
NSF/ANSI/CAN 61	Drinking Water System Components-Health Effects
NSF/ANSI/CAN 372	Drinking Water System Components-Lead Content
NZS 3640	Chemical Preservation of Round and Sawn Timber (Appendix E)
U.S. EPA Compendium Methods TO-17	Determination of Volatile Organic Compounds in Ambient Air Using Active Sampling Onto Sorbent Tubes
Structural	
AAMA 501	Methods of Testing for Exterior Walls
AAMA/WDMA/CSA 101/I.S.2/A440	North American Fenestration Standard/ Specification for windows, doors, and skylights
AISI S904	Standard Test Methods for Determining the Tensile and Shear Strengths of Screws
AISI S905	Test methods for mechanically fastened cold-formed steel connections
AISI S913	Test Standard for Determining the Strength and Deformation Behavior of Hold-Downs Attached to Cold-Formed Steel Structural Framing
AITC T200	Manufacturing Quality Control Systems Manual for Structural Glued Laminated Timber (AITC 107, Shear test, AITC Test T110, Cyclic Delamination Test and AITC Test T119, Full Size End Joint Tension Test
ANSI 405	Standard for Adhesives for Use in Structural Laminated Timber
ANSI/BIFMA M7.1	Standard Test Method for Determining VOC Emissions from Office Furniture Systems, Components, and Seating
ANSI/HPVA EF	American National Standard for Engineered Wood Flooring
ANSI/HPVA HP-1-2016	Hard wood and decorative wood (Only sections 4.4, 4.5 and 4.6)
ANSI/NALFA LF01	Laminate flooring - specifications and test methods
APA PRI-400	Performance Standard for Residential I-Joists
APA PRI-400 CA	Performance Standard for Residential I-Joists (Limit States Design)
APA PS-1	Structural Plywood
APA PS-2	Performance standard for wood-based structural use panels
AS 1391	Metallic materials - Tensile testing - Method of test at room temperature

TL-658

Shanghai Hongjun Science & Technology Co., Ltd.

Effective Date September 2, 2025

Page 13 of 19

IAS/TL/100-1



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AS 1544.2	Method for impact tests on metals Part 2: Charpy V-notch
AS 1649	Timber—Methods of test for mechanical fasteners and connectors—Basic working loads and characteristic strengths
AS 2047	Windows and external glazed doors in buildings
AS 3566.1	Self-drilling screws for the building and construction industries Part 1: General requirements and mechanical properties
AS 3566.2	Self-drilling screws for the building and construction industries Part 2: Corrosion resistance requirements
AS 5068	Timber—Finger joints in structural products—Production requirements
AS 5146	Reinforced Autoclaved Aerated Concrete
AS 6669	Plywood—Formwork
AS 22389.1	Timber structures - Bending strength of I-beams, Part 1: Testing, evaluation and characterization (ISO 22389-1:2010, MOD)
AS/NZS 1577	Scaffold decking components
AS/NZS 4284	Testing of Building Facades
AS/NZS 4357.0	Structural laminated veneer lumber - Specifications
AS/NZS 4357.2	Structural laminated veneer lumber (LVL) - Determination of structural properties - Test methods
AS/NZS 4357.3	Structural laminated veneer lumber (LVL) - Determination of structural properties - Evaluation methods
AS/NZS 4420.1	Windows, external glazed, timber and composite doors—Part 1: Test sequence, sampling and test methods
AS/NZS 4671	Steel for the reinforcement of concrete
ASTM A370	Standard Test Methods and Definitions for Mechanical Testing of Steel Products
ASTM C954	Standard Specification for Steel Drill Screws for the Application of Gypsum Panel Products or Metal Plaster Bases to Steel Studs from 0.033 in. (0.84 mm) to 0.112 in. (2.84 mm) in Thickness
ASTM C1002	Standard Specification for Steel Self-Piercing Tapping Screws for Application of Gypsum Panel Products or Metal Plaster Bases to Wood Studs or Steel Studs
ASTM C1513	Standard Specification for Steel Tapping Screws for Cold-Formed Steel Framing Connections
ASTM C1856/C1856M	Standard Practice for Fabricating and Testing Specimens of Ultra-High Performance Concrete
ASTM D906	Standard Test Method for Strength Properties of Adhesives in Plywood Type Construction in Shear by Tension Loading
ASTM D1037	Standard Test Methods for Evaluating Properties of Wood-Base Fiber and Particle Panel Materials

TL-658

Shanghai Hongjun Science & Technology Co., Ltd.

Effective Date September 2, 2025

Page 14 of 19

IAS/TL/100-1



SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 101, Brea, California 92821, U.S.A. | www.iasonline.org

ASTM D1151	Standard Practice for Effect of Moisture and Temperature on Adhesive Bonds
ASTM D1183	Standard Practices for Resistance of Adhesives to Cyclic Laboratory Aging Conditions
ASTM D1761	Standard Test Methods for Mechanical Fasteners in Wood
ASTM D1990	Standard Practice for Establishing Allowable Properties for Visually-Graded Dimension Lumber from In-Grade Tests of Full-Size Specimens
ASTM D2395	Standard Test Methods for Density and Specific Gravity (Relative Density) of Wood and Wood-Based Materials
ASTM D2559	Standard Specification for Adhesives for Bonded Structural Wood Products for Use Under Exterior Exposure Conditions
ASTM D2719	Standard Test Methods for Wood Structural Panels in Shear Through-the-Thickness
ASTM D3043	Standard Test Methods for Structural Panels in Flexure
ASTM D3434	Standard Test Method for Multiple-Cycle Accelerated Aging Test (Automatic Boil Test) for Exterior Wet Use Wood Adhesives
ASTM D3501	Standard Test Methods for Wood-Based Structural Panels in Compression
ASTM D4442	Standard Test Methods for Direct Moisture Content Measurement of Wood and Wood-Based Materials
ASTM D4444	Standard Test Method for Laboratory Standardization and Calibration of Hand-Held Moisture Meters
ASTM D5456	Standard Specification for Evaluation of Structural Composite Lumber Products
ASTM D6878/D6878M	Standard Specification for Thermoplastic Polyolefin Based Sheet Roofing
ASTM D7031	Standard Guide for Evaluating Mechanical and Physical Properties of Wood-Plastic Composite Products
ASTM D7032	Standard Specification for Establishing Performance Ratings for Wood-Plastic Composite and Plastic Lumber Deck Boards, Stair Treads, Guards, and Handrails
ASTM D7247	Standard Test Method for Evaluating the Shear Strength of Adhesive Bonds in Laminated Wood Products at Elevated Temperatures
ASTM E18	Standard Test Methods for Rockwell Hardness of Metallic Materials
ASTM E72	Standard Test Methods of Conducting Strength Tests of Panels for Building Construction
ASTM E96/E96M	Standard Test Methods for Gravimetric Determination of Water Vapor Transmission Rate of Materials
ASTM E283	Standard Test Method for Determining Rate of Air Leakage Through Exterior Windows, Curtain Walls, and Doors Under Specified Pressure Differences Across the Specimen
ASTM E330	Standard Test Method for Structural Performance of Exterior Windows, Doors, Skylights and Curtain Walls by Uniform Static Air Pressure Difference

TL-658

Shanghai Hongjun Science & Technology Co., Ltd.

Effective Date September 2, 2025

Page 15 of 19

IAS/TL/100-1



SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 101, Brea, California 92821, U.S.A. | www.iasonline.org

ASTM E331	Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Uniform Static Air Pressure Difference
ASTM E488/E488M	Standard Test Methods for Strength of Anchors in Concrete Elements
ASTM E564	Standard Practice for Static Load Test for Shear Resistance of Framed Walls for Buildings
ASTM E661	Standard Test Method for Performance of Wood and Wood-Based Floor and Roof Sheathing Under Concentrated Static and Impact Loads
ASTM E1190	Standard Test Methods for Strength of Power-Actuated Fasteners Installed in Structural Members
ASTM E1886	Standard Test Method for Performance of Exterior Windows, Curtain Walls, Doors, and Impact Protective Systems Impacted by Missile(s) and Exposed to Cyclic Pressure Differentials
ASTM E1996	Standard Specification for Performance of Exterior Windows, Curtain Walls, Doors, and Impact Protective Systems Impacted by Windborne Debris in Hurricanes
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 E2556/E2556M	Standard Specification for Vapor Permeable Flexible Sheet Water-Resistive Barriers Intended for Mechanical Attachment
ASTM F606/F606M	Standard Test Methods for Determining the Mechanical Properties of Externally and Internally Threaded Fasteners, Washers, Direct Tension Indicators, and Rivets
ASTM F1575	Standard Test Method for Determining Bending Yield Moment of Nails
BS EN 13489:2002	Wood flooring —Multi-layer parquet elements
BS EN 13647:2011	Wood flooring and wood paneling and cladding —Determination of Geometrical characteristics
CCMC-TG-067314.01-20	CCMC Technical Guide for Wood Thermoplastic Composite Lumber (WTCL) Exterior Decking (Solid Cross Section)
CCMC-TG061216.01	CCMC Technical Guide for Stressed Skin Panels (With Lumber 1200 mm o.c. and EPS Core) for Walls And Roofs
CSA O112.9	Evaluation of adhesives for structural wood products (exterior exposure)
CSA O112.9	Evaluation of adhesives for structural wood products (exterior exposure) (Section 4.10.2 Creep Resistance Test only)
CSA O325	Construction sheathing (Adopted NIST PS 2-18, with Canadian deviations)
EN 323	Wood-based panels -Determination of density
EN-324	Wood-based panels-Determination of dimensions of board-Part 2: Determination of squareness and edge straightness
EN 622-5	Fibreboards - Specifications Part 5: Requirements for dry process boards (MDF)

TL-658

Shanghai Hongjun Science & Technology Co., Ltd.

Effective Date September 2, 2025

Page 16 of 19

IAS/TL/100-1



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EN 789	Timber structures - Test methods - Determination of mechanical properties of wood- based panels
EN 1026	Windows and doors - Air permeability - Test method
EN 1027	Windows and doors - Water tightness - Test method
EN 12211	Windows and doors - Resistance to wind load - Test method
EN 13377	Prefabricated timber formwork beams - Requirements, classification and assessment
EN 13986	Wood-based Panels For Use In Construction - Characteristics, Evaluation Of Conformity And Marking (Sections 5.1 to 5.2, 5.13 to 5.15)
EOTA EAD 210046-00-1201	Thin Metal Composite Sheet
EOTA EAD 330083-02-0601	Power-Actuated Fastener for Multiple Use in Concrete for Nonstructural Applications
EOTA EAD 330232-00-0601	Mechanical Fasteners for Use in Concrete
EOTA TR 038	Assessment procedure for durability of thin metallic composite panels
GB/T 17657	Test methods of evaluating the properties of wood-based panels and surface decorated wood-based panels (Sections 4.7 to 4.12, 4.20 to 4.25, 4.51)
GB/T 18102-2007	Laminate flooring (Except sections 6.3.8, 6.3.13 and 6.3.18)
GB/T 18103	Engineered wood flooring
GB/T 20241	Laminated veneer lumber
GB/T 24137	Wood-plastic composite decorative boards
GB/T 24508	Wood-plastic composite flooring
GBT 26899	Structural glued laminated timber
ICC-ES AC04	Acceptance Criteria For Sandwich Panels
ICC-ES AC05	Acceptance Criteria for Sandwich Panel Adhesives
ICC-ES AC07	Acceptance Criteria for Special Roofing Systems (Section 3.2.6 and Section 4.9 only)
ICC-ES AC11	Acceptance Criteria for Cementitious Exterior Wall Coatings
ICC-ES AC13	Acceptance Criteria for Joist Hangers and Similar Devices
ICC-ES AC14	Acceptance Criteria for Prefabricated Wood I-Joists
ICC ES AC15	Acceptance Criteria for Concrete Floor, Roof and Wall Systems, and Concrete Masonry Wall Systems
ICC ES AC25	Acceptance Criteria for Metal Composite Material (MCM)
ICC-ES AC29	Acceptance Criteria for Cold, Liquid-Applied, Below-Grade, Exterior Dampproofing and Waterproofing Materials

TL-658

Shanghai Hongjun Science & Technology Co., Ltd.

Effective Date September 2, 2025

Page 17 of 19

IAS/TL/100-1



SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 101, Brea, California 92821, U.S.A. | www.iasonline.org

ICC-ES AC38	Acceptance Criteria For Water-Resistive Barriers
ICC-ES AC48	Acceptance Criteria for Self-Adhered Roof Underlayments For use AS ICE Barriers
ICC ES AC70	Power actuated fasteners driven into concrete, steel and masonry elements (test methods found in sections 3.1.3, 3.1.4, 3.3.5 and 4.0)
ICC-ES AC75	Acceptance Criteria for Membrane Roof-Covering Systems
ICC ES AC116	Nails (test methods found in sections 3.0 and 4.0 except Section 3.3.1.2)
ICC ES AC118	Tapping Screw Fasteners (test methods found in sections 3.0 and 4.0 except Section 3.1.1.1)
ICC-ES AC148	Acceptance Criteria for Flexible Flashing Materials
ICC ES AC174	Deck board span ratings and guardrail systems (guards and handrails) (test methods found in sections 3.0, 4.0 and 5.0)
ICC-ES AC188	Acceptance Criteria For Roof Underlayments (except section 3.3)
ICC-ES AC193	Acceptance Criteria for Mechanical Anchors in Concrete Elements
ICC-ES AC233	Acceptance Criteria for Dowel-Type Threaded Fasteners Used In Wood
ICC-ES AC257	Corrosion resistant fasteners and evaluation of corrosion effects of wood treatment chemicals (test methods found in sections 3.1.3, 3.1.8, 4.1.7, 4.3 and 4.5 only)
ICC-ES AC283	Acceptance Criteria For Metal Hinge Plate Connectors For Wood Trusses
ICC-ES AC318	Acceptance Criteria for Structural Cementitious Floor and Roof Sheathing Panels
ICC-ES AC319	Acceptance Criteria for Horizontal Diaphragms Consisting of Structural Cementitious Sheathing Panels Attached to Cold-Formed Steel Framing
ICC ES AC326	Acceptance Criteria for Proprietary wood Preservative Systems—Common Requirements For Treatment Process, Test Methods and Performance
ICC-ES AC365	Acceptance Criteria for Building-integrated Photovoltaic (BIPV) Roof Covering Systems
ICC ES AC377	Acceptance Criteria For Spray-Applied Foam Plastic Insulation
ICC-ES AC386	Acceptance Criteria for Fiber-reinforced Magnesium-oxide-based Sheets
ICC-ES AC436	Acceptance Criteria for Establishing Seismic Equivalency to Code-Prescribed Light-frame Shear Walls Sheathed with Wood Structural Panels Rated for Shear Resistance or Steel Sheets
ICC-ES AC500	Acceptance Criteria for Self-Drilling Tapping Screws Used to Attach Miscellaneous Building Materials to Steel Base Material
ICC-ES AC504	Acceptance Criteria for Facade and Wall Cladding Systems with Porcelain, Ceramic Terra Cotta, or Slate Panels
ICC-ES AC527	Acceptance Criteria for Self-Adhered, Thermoplastic, Below-Grade, Dampproofing and Waterproofing Sheet Membranes

TL-658

Shanghai Hongjun Science & Technology Co., Ltd.

Effective Date September 2, 2025

Page 18 of 19

IAS/TL/100-1



SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 101, Brea, California 92821, U.S.A. | www.iasonline.org

ICC ES AC543	Acceptance Criteria for Structural Performance of Modular Buildings
ICC-ES AC570	Acceptance Criteria for Walk-In Cooler and Freezer Panels
ISO 22389-2	Timber structures — Bending applications of I-beams — Part 2: Component performance and manufacturing requirements
ISO 7567	Bamboo structures—Glued laminated bamboo—Product specifications
JIS A 5905	Fiberboards
JIS A 5908	Particleboards
NZS 3604	Timber-framed buildings
SNZ TS 4211	Specification for the classification of windows
TAS 201	Impact test procedures
TAS 202	Criteria for testing impact & non impact resistant building envelope components using uniform static air pressure
TAS 203	Criteria for testing products subject to cyclic wind pressure loading

TL-658

Shanghai Hongjun Science & Technology Co., Ltd.

Effective Date September 2, 2025

Page 19 of 19

IAS/TL/100-1

