



CERTIFICATE OF ACCREDITATION

This is to attest that

CAPITAL TESTING AND CERTIFICATION SERVICES

42777 TRADE WEST DRIVE
STERLING, VIRGINIA 20166, U.S.A.

Testing Laboratory TL-224

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 July 27, 2023



A handwritten signature in black ink, reading "Raj Nathan".

President

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. | www.iasonline.org

CAPITAL TESTING AND CERTIFICATION SERVICES

www.capitaltesting.org

Contact Name Josh Hosen

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Accredited to ISO/IEC 17025:2017

Effective Date July 27, 2023

Physical	
ANSI/HPVA HP-1	American National Standard for Hardwood and Decorative Plywood (only sections 4.3, 4.4, 4.6 and 4.7)
ANSI/HPVA-EF	American National Standard for Engineered Wood Flooring (only sections 4.2 and 4.3)
ASTM D523	Standard test method for specular gloss
ASTM D905	Standard test method for strength properties of adhesive bonds in shear by compression loading
ASTM D1037	Standard Test Methods for Evaluating Properties of Wood-Base Fiber and Particle Panel Materials (only Sections 6.3.1, 9, 11, 14, 16, 17, 20, 33 and 35)
ASTM D4060	Standard test method for abrasion resistance of organic coatings by the Taber Abraser
ASTM D4442	Standard Test Methods for Direct Moisture Content Measurement of Wood and Wood-Based Materials
ASTM F1515	Standard Test Method for Measuring Light Stability of Resilient Flooring by Color Change
ASTM G155	Standard Practice for Operating Xenon Arc Lamp Apparatus for Exposure of Materials
Fire	
14 CFR Part 25, Appendix F, Part I	Vertical and horizontal bunsen burner test for cabin and cargo compartment materials as cited in FAR 25.853(a), 25.855(a), 29.853(a), 49 CFR Part 238 (passenger railcar materials) and FTA Docket 90-A (transit bus and van materials)
14 CFR Part 25, Appendix F, Part V	Test method to determine the smoke emission characteristics of cabin materials as cited in FAR 25.853
49 CFR 571.302 (NHTSA and DOT FMVSS 302)	Federal motor vehicle safety standards – Flammability of interior materials
ASTM C1166	Standard test method for flame propagation of dense and cellular elastomeric gaskets and accessories

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ASTM D3675	Standard Test Method for Surface Flammability of Flexible Cellular Materials Using a Radiant Heat Energy Source
ASTM D6413	Standard test method for flame resistance of textiles (vertical test)
ASTM E84	Standard Test Method for Surface Burning Characteristics of Building Materials
ASTM E162	Standard Test Method for Surface Flammability of Materials Using a Radiant Heat Energy Source
ASTM E648	Standard Test Method for Critical Radiant Flux of Floor-Covering Systems Using a Radiant Heat Energy Source
ASTM E662	Standard Test Method for Specific Optical Density of Smoke Generated by Solid Materials
ASTM E1354	Standard Test Method for Heat and Visible Smoke Release Rates for Materials and Products Using an Oxygen Consumption Calorimeter
ASTM E2768	Standard Test Method for Extended Duration Surface Burning Characteristics of Building Materials (30 min Tunnel Test)
ASTM F814	Standard test method for specific optical density of smoke generated by solid materials for aerospace applications
CAN/ULC-S102	Standard Method of Test for Surface Burning Characteristics of Building Materials and Assemblies
CAN/ULC-S102.2	Standard Method of Test for Surface Burning Characteristics of Flooring, Floor Coverings, and Miscellaneous Materials and Assemblies
CMVSS 302	Canada motor vehicle safety standards – Flammability of interior materials
ISO 5659-2	Plastics — Smoke generation — Part 2: Determination of optical density by a single-chamber test
ISO 5660-1	Reaction-to-fire tests — Heat release, smoke production and mass loss rate — Part 1: Heat release rate (cone calorimeter method) and smoke production rate (dynamic measurement)
NFPA 253	Standard Method of Test for Critical Radiant Flux of Floor Covering Systems Using a Radiant Heat Energy Source
Environmental/CARB/EPA TSCA Title VI	
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 E1333	Standard Test Method for Determining Formaldehyde Concentrations in Air and Emission Rates from Wood Products Using a Large Chamber