



# CERTIFICATE OF ACCREDITATION

*This is to attest that*

## COMPOSITE MATERIALS AND ENGINEERING CENTER, WASHINGTON STATE UNIVERSITY

2001 EAST GRIMES WAY  
PULLMAN, WASHINGTON 99164-5815, U.S.A.

### Testing Laboratory TL-246

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 November 7, 2021



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](http://www.iasonline.org)

## COMPOSITE MATERIALS AND ENGINEERING CENTER, WASHINGTON STATE UNIVERSITY

[cmec.wsu.edu](http://cmec.wsu.edu)

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*Accredited to ISO/IEC 17025:2017*

*Effective Date November 7, 2021*

Structural	
ANSI A315.6	Hardboard siding (except section 4.2)
APA PRP-401	Performance standard for APA EWS rim boards
ASTM D143	Standard test methods for small clear specimens of timber
ASTM D198	Standard test methods of static tests of lumber in structural sizes (except sections 37-44)
ASTM D1037	Standard test methods for evaluating properties of wood-base fiber and particle panel materials
ASTM D1761	Standard test method for mechanical fasteners in wood
ASTM D2395	Standard test methods for specific gravity of wood and wood-based materials
ASTM D2915	Standard practice for evaluating allowable properties for grades of structural lumber
ASTM D3737	Standard practice for establishing allowable properties for structural glued laminated timber (glulam)
ASTM D4442	Standard test methods for direct moisture content measurement of wood and wood-base materials
ASTM D4761	Standard test methods for mechanical properties of lumber and wood-base 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 D5652	Standard test method for bolted connections in wood and wood-base products
ASTM D5764	Standard test method for evaluating dowel-bearing strength of wood and wood-based products
ASTM D6815	Standard specification for evaluation of duration of load and creep effects of wood and wood-based products
ASTM D7031	Standard guide for evaluating mechanical and physical properties of wood-plastic composite products (excluding sections 5.17, 5.22 and 5.23)

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ASTM D7032	Standard specification for establishing performance ratings for wood-plastic composite deck boards and guardrail systems (guards or handrails) (excluding termite testing)
ASTM D7147	Standard specification for testing and establishing allowable loads of joist hangers
ASTM D7989	Standard practice for demonstrating equivalent in-plane lateral seismic performance to wood-frame shear walls sheathed with wood structural panels
ASTM E72	Standard test methods of conducting strength tests of panels for building construction
ASTM E330	Standard test method for structural performance of exterior windows, doors, skylights, and curtain walls by uniform static air pressure difference
ASTM E455	Standard test method for static load testing of framed floor or roof diaphragm construction for buildings (excluding sections 6.1.2.1 and 6.1.3.1)
ASTM E564	Standard practice for static load test for shear resistance of framed walls for buildings
ASTM E2126	Standard test methods for cyclic (reversed) load test for shear resistance of walls for buildings
ASTM F1575	Standard test method for determining bending yield moment of nails
ASTM F1679	Standard test method for using a variable incidence tribometer (VIT)
ICC ES AC47	Structural wood-based products (test methods referenced in appendix A)
ICC ES AC116	Nails (test methods referenced in sections 3.0 and 4.0, excluding sections 3.2.2, 3.2.3 and 4.1.4)
ICC ES AC120	Wood-frame horizontal diaphragms, vertical shear walls and braced walls with alternative fasteners (test methods referenced in sections 3.0 and 4.0)
ICC ES AC130	Prefabricated wood shear panels (test methods referenced in sections 3.0 and 4.0)
ICC ES AC155	Hold-downs (tie-downs) attached to wood members (test methods referenced in sections 3.0 and 4.0)
ICC ES AC162	Structural bamboo (test methods referenced in section 3.0)
ICC ES AC174	Deck board span ratings and guardrail systems (guards and handrails) (test methods referenced in section 3.0, excluding sections 3.7, 3.9 and 3.10)
ICC ES AC273	Handrails and guards (test methods referenced in sections 3.0 and 4.0)
ICC ES AC424	Wood-based exterior composite trim treated with zinc borate (ZB) preservative by a non-pressure process (test methods referenced in sections 3.0 and 4.0, except sections 4.9.4.10 and 4.12)

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ICC ES AC455	Cross-Laminated Timber Panels for Use as Components in Floor and Roof Decks, Floor and Roof (Test Methods in Section 4, except for Section 4.4)
United States Department of Commerce Product Standard PS-2	Performance based standard for wood-based structural use panels (Sections 5.3, 5.4, 5.5, 6.0, and 7.0)

*APA: American Plywood Association*

*PS: Product Standard*