



CERTIFICATE OF ACCREDITATION

This is to attest that

MICHIGAN TECHNOLOGICAL UNIVERSITY, WOOD PROTECTION GROUP

1400 TOWNSEND DRIVE
HOUGHTON, MICHIGAN 49931-1295, U.S.A.

Testing Laboratory TL-313

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 January 12, 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

MICHIGAN TECHNOLOGICAL UNIVERSITY, WOOD PROTECTION GROUP

www.mtu.edu/forest/research/partnerships/wpg/

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Accredited to ISO/IEC 17025:2017

Effective Date January 12, 2023

Physical	
ASTM D143	Standard test methods for small clear specimens of timber
ASTM D1037	Standard test methods for evaluating properties of wood-base fiber and particle panel materials
ASTM D1761	Standard Test Methods for Mechanical Fasteners in Wood
ASTM D2395	Standard test methods for density and specific gravity (relative density) of wood and wood-based materials
ASTM D3201	Standard test method for hygroscopic properties of fire-retardant wood and wood-based products
ASTM D4442	Standard test methods for hygroscopic properties of fire-retardant wood and wood-based products
ASTM D5516	Standard test method for evaluating the flexural properties of fire-retardant treated softwood plywood exposed to elevated temperatures
ASTM D5664	Standard test method for evaluating the effects of fire-retardant treatments and elevated temperatures on strength properties of fire-retardant treated lumber
ASTM D7032	Standard Specification for Establishing Performance Ratings for Wood-Plastic Composite Deck Boards and Guardrail Systems (Guards or Handrails) (Except Sections 4.5, 4.6, and 4.9)
Chemical	
ASTM D1413	Standard test method for wood preservatives by laboratory soil-block cultures
ASTM D1758	Standard test method of evaluating wood preservatives by field tests with stakes
ASTM D2278	Standard test method for field evaluation of wood preservatives in round post-size specimens
ASTM D2481	Standard test method for accelerated evaluation of wood preservatives for marine services by means of small size specimens

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ASTM D3273	Standard test method for resistance to growth of mold on the surface of interior coatings in an environmental chamber
ASTM D3274	Standard test method for evaluating degree of surface disfigurement of paint films by fungal or algal growth, or soil and dirt accumulation
ASTM D3345	Standard test method for laboratory evaluation of wood and other cellulosic materials for resistance to termites
ASTM D4300	Standard test methods for ability of adhesive films to support or resist the growth of fungi
AWPA E1	Laboratory methods for evaluating the termite resistance of wood-based materials: choice and no-choice tests
AWPA E4	Standard method of testing water repellency of pressure treated wood
AWPA E5	Standard test method for evaluation of wood preservatives to be used in marine applications (UC5A, UC5B, UC5C); panel and block tests
AWPA E7	Standard field test for evaluation of wood preservatives to be used in ground contact (UC4A, UC4B, UC4C); stake test
AWPA E8	Standard field test for evaluation of wood preservatives to be used in ground contact (UC4A, UC4B, UC4C); post test
AWPA E9	Standard field test for the evaluation of wood preservatives to be used above ground (UC3A and UC3B); L-joint test
AWPA E10	Laboratory method for evaluating the decay resistance of wood-based materials against pure basidiomycete cultures: soil/block test
AWPA E11	Standard method for accelerated evaluation of preservative leaching
AWPA E12	Standard method of determining corrosion of metal in contact with treated wood
AWPA E14	Standard method of evaluating wood preservatives in a soil bed
AWPA E16	Standard field test for evaluation of wood preservatives to be used above ground (UC3B); horizontal lap-joint test
AWPA E17	Standard method for determining corrosion rates of metals in contact with treating solutions
AWPA E18	Standard field test for evaluation of wood preservatives to be used above ground (UC3B); ground proximity decay test
AWPA E20	Standard method of determining the depletion of wood preservatives in soil contact
AWPA E21	Standard field test method for the evaluation of wood preservatives to be used for interior applications (UC1 and UC2); full-size commodity termite test

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AWPA E22	Laboratory method for rapidly evaluating the decay resistance of wood-based materials against pure basidiomycete cultures using compression strength: soil/water test
AWPA E23	Laboratory method for rapidly evaluating the decay resistance of wood-based materials in ground contact using static bending: soil jar test
AWPA E24	Laboratory method for evaluating the mold resistance of wood-based materials: mold chamber test
AWPA E25	Standard field test for evaluation of wood preservatives to be used above ground (UC3B): decking test
AWPA E26	standard field test for evaluation of wood preservatives intended for interior applications (UC1 and UC2): ground proximity termite test
AWPA E27	Standard field test for evaluation of wood preservatives to be used above ground (UC3B); accelerated horizontal lap joint test
AWPA E28	Standard Field Test for Serviceability of Decking
AWPA E29	Antisapstain Field Test Method for Green Lumber
AWPA E30	Standard Method for Evaluating Natural Decay Resistance of Woods Using Laboratory Decay Tests
AWPA E31	Standard Field Test for Evaluation of Field-cut Preservatives to be Used in Ground Contact: Block Test
AWPA E32	Standard Field Test for Evaluation of Field-Cut Preservatives to Be Used Above Ground: Modified Post and Rail
AWPA E33	Standard Test Method of Evaluating Wood Preservatives Against Decay in Use Category 2
AWPA PEM-09	Method for Evaluating the Durability of Treated Wood Products in a UC3A Field Exposure
MTU WPG Method SOP 520	Above ground field decay test - siding panel method
MTU WPG Method SOP 521	Above ground field decay test – trim fence method
MTU WPG Method SOP 522	Above Ground Field Decay Test –Fence Picket Method
MTU WPG Method SOP 525	Above ground field decay test – flat panel method
MTU WPG Method SOP 540	Above ground field depletion test - depletion block method
WDMA T.M.1	Soil Block Test: Test method to determine preservative effectiveness in preventing wood decay

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