



CERTIFICATE OF ACCREDITATION

This is to attest that

CTL/THOMPSON, INC.
400 NORTH LINK LANE
FORT COLLINS, COLORADO 80524, U.S.A.

Testing Laboratory TL-342

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 27, 2022



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

CTL/THOMPSON, INC.

www.ctlthompson.com

Contact Name Ryan Beck

Contact Phone +1-970-206-9455

Accredited to ISO/IEC 17025:2017

Effective Date January 27, 2022

CMT	
ASTM C31/C31M	Standard practice for making and curing concrete test specimens in the field (field cure only)
ASTM C39/C39M	Standard test method for compressive strength of cylindrical concrete specimens (test on field cured specimen only)
ASTM C231	Standard Test Method for Air Content of Freshly Mixed Concrete by the Pressure
Structural	
ASTM A944	Standard Test Method for Comparing Bond Strength of Steel Reinforcing Bars to Concrete Using Beam-End Specimens
ASTM D1143/D1143M	Standard test methods for deep foundations under static axial compressive load
ASTM D3689/D3689M	Standard test methods for deep foundations under static axial tensile load
ASTM D3966/D3966M	Standard test methods for deep foundations under lateral load
ASTM D7147	Standard Specification for Testing and Establishing Allowable Loads of Joist Hanger
IAPMO EC027	Evaluation criteria for helical piles for use under the International Residential Code
ICC ES AC13	Acceptance Criteria for Joist Hanger Devices (test methods referenced in sections 3, 4 and 5)
ICC ES AC237	Nonprestressed Deformed High Strength Steel Bars for concrete Reinforcement (test methods referenced in sections 4.1 and 4.2)
ICC ES AC336	Acceptance Criteria for Bearing Pin Piers (test methods referenced in sections 4.1, 4.2, and 4.3)
ICC ES AC358	Helical pile systems and devices (test methods referenced in sections 4.1.1 (type A), 4.1.2 (type B), 4.2.1, 4.2.2, 4.2.3, 4.2.4, 4.3, 4.4.1 and 4.4.2)
ICC ES AC406	Belled segmented pipe foundation systems and devices (test methods referenced in sections 4.2 (side load), 4.3.1, 4.3.2, 4.3.3, 4.4, 4.5.1 and 4.5.2)
ICC ES AC443	Screw foundation systems (SFSs) (test methods referenced in sections 4.1, 4.2.1, 4.2.2, 4.2.3, 4.3, 4.4.1 and 4.4.2)

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ICC ES AC517	Acceptance Criteria for Push Pier Foundation Systems [test methods referenced in sections 3 (excluding all sections referring to designs and related to designing) and 4]
Physical	
ASTM D2395	Standard Test Methods for Density and Specific Gravity (Relative Density) of Wood and Wood-Based Materials
ASTM D7438	Standard Practice for Field Calibration and Application of Hand-Held Moisture Meter