



INTERNATIONAL
ACCREDITATION
SERVICE®

CERTIFICATE OF ACCREDITATION

This is to attest that

APEC ENGINEERING & LABORATORY, LLC.

13805 NCR 1500, UNIT A
SHALLOWATER, TEXAS 79363, U.S.A.

Testing Laboratory TL-515

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 October 7, 2024



International Accreditation Service
Issued under the authority of IAS management

Visit www.iasonline.org for current accreditation information.

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

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

APEC ENGINEERING & LABORATORY, LLC.

www.apec-llc.com

Contact Name Matt B. Phelps, P.E.

Contact Phone +1 512 989-9805

Accredited to ISO/IEC 17025:2017

Effective Date October 7, 2024

Physical	
AAMA 502	Voluntary Specification for Field Testing of Newly Installed Fenestration Products
AAMA 503	Voluntary Specification for Field Testing of Newly Installed Storefronts, Curtain Walls, and Sloped Glazing Systems
ASTM C1060	Standard practice for thermographic inspection of insulation installations in envelope cavities of frame buildings
ASTM C1153	Standard practice for location of wet insulation in roofing systems using infrared imaging
ASTM C1521	Standard practice for evaluating adhesion of installed weatherproofing sealant joints
ASTM C 1616	Standard Test Method for Determining the Moisture Content of Organic and Inorganic Insulation Materials by Weight
ASTM D228	Standard Test Methods for Sampling, Testing, and Analysis of Asphalt Roll Roofing, Cap Sheets, and Shingles Used in Roofing and Waterproofing
ASTM D412	Standard Test Methods for Vulcanized Rubber and Thermoplastic Elastomers—Tension
ASTM D624	Standard Test Method for Tear Strength of Conventional Vulcanized Rubber and Thermoplastic Elastomers
ASTM D751	Standard test method for coated fabrics (Breaking Strength Test (Strip-Test Method only))
ASTM D1761	Standard test methods for mechanical fasteners in wood (Sections 1-12 and 41 only)
ASTM D2523	Standard Practice for Testing Load-Strain Properties of Roofing Membranes
ASTM D2829	Standard Practice for Sampling and Analysis of Existing Built-Up Roof Systems
ASTM D6381	Standard test method for measurement of asphalt shingle mechanical uplift resistance (testing on outdoor roofs at jobsites only)
ASTM D7158	Standard test method for wind resistance of asphalt shingles (Uplift force/uplift resistance method)

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ASTM D7281	Standard test method for determining water migration resistance through roof membranes
ASTM D7658	Standard Test Method for Direct Microscopy of Fungal Structures from Tape
ASTM E18	Standard Test Methods for Rockwell Hardness of Metallic Materials
ASTM E165	Standard practice for liquid penetrant examination for general industry ("Visible penetrant testing (Type II) only)
ASTM E907	Standard test method for field testing uplift resistance of adhered membrane roofing systems
ASTM E1105	Standard test method for field determination of water penetration of installed exterior windows, skylights, doors, and curtain walls, by uniform or cyclic static air pressure difference
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 E2649	Standard Test Method for Determining Argon Concentration in Sealed Insulating Glass Units Using Spark Emission Spectroscopy
ASTM G71	Standard Guide for Conducting and Evaluating Galvanic Corrosion Tests in Electrolytes
APEC TM0004	Lightweight concrete uplift resistance test
APEC TM0006	Shingle roof physical assessment
APEC TM0007	Moisture assessment
APEC TM0008	Metal roof physical assessment
APEC TM0009	Flat roof physical assessment
APEC TM0021	Electronic Water Level
APEC TM0023	Shingle Roof Repairability Assessment
APEC TM0024	Flat Roof Repairability Assessment
APEC TM0025	Tile roof physical assessment
APEC TM0036	Glass Check Pro
APEC TM0037	Scratch Detection
APEC TM0043	Light Table Penetration Examination
APEC TM0051	Fluorescent Powder Test
FM 1-52	Field uplift tests

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RILEM Test Method	RILEM TC characterization of old mortars with respect to their repair
TAS 106	Standard procedure for field verification of the bonding of mortar or adhesive set tile systems and mechanically attached, rigid, discontinuous roof systems
TAS 124-95	Test procedure for field uplift resistance of existing membrane roof systems and in-situ testing for reroof and new construction applications
UL 2218	Impact resistance of prepared roof covering materials
Standard Practices	
ASTM E620	Standard Practice for Reporting Opinions of Scientific or Technical Experts
ASTM E678	Standard Practice for Evaluation of Scientific or Technical Data

