



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

## APEC ENGINEERING & LABORATORY, LLC.

[www.apec-llc.com](http://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  |
| <b>Standard Practices</b> |  |
| ASTM E620                 | Standard Practice for Reporting Opinions of Scientific or Technical Experts  |
| ASTM E678                 | Standard Practice for Evaluation of Scientific or Technical Data   |

