



INTERNATIONAL  
ACCREDITATION  
SERVICE®

# CERTIFICATE OF ACCREDITATION

*This is to attest that*

## **HURRICANE ENGINEERING & TESTING, INC.**

6120 NORTHWEST 97 AVENUE  
DORAL, FLORIDA 33178, U.S.A.

**Testing Laboratory TL-296**

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 July 26, 2023



A handwritten signature in black ink, reading "Raj Nathan".

**President**

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)

## HURRICANE ENGINEERING & TESTING, INC.

[www.hurricanetesting.com](http://www.hurricanetesting.com)

**Contact Name** Syed W. Ali, Ph.D.

**Contact Phone** +1-305-213-4894

**Accredited to** ISO/IEC 17025:2017

**Effective Date** July 26, 2023

<b>Concrete</b>	
ASTM C39	Standard test method for compressive strength of cylindrical concrete specimens
ASTM C140	Standard test methods for sampling and testing concrete masonry units and related units
<b>Fasteners and Anchors</b>	
ASTM D1761	Standard test methods for mechanical fasteners in wood
ASTM E488	Standard test methods for strength of anchors in concrete elements
ASTM E754	Standard test method for pullout resistance of ties and anchors embedded in masonry mortar joints
ICC ES AC01	Expansion anchors in masonry elements (tension and shear only)
ICC ES AC13	Joist hangers and similar devices (appendix A only)
ICC ES AC193	Mechanical anchors in concrete elements (test methods referenced in Tables 4.1, 4.2, and 4.3 only, excluding hydrogen embrittlement test)
ICC ES AC308	Post-installed adhesive anchors in concrete elements (section 4.0, and tables 4.1, 4.2, 4.3 and 4.4 only, excluding resistance to sulfur)
<b>Physical Testing</b>	
ASTM B117	Standard practice for operating salt spray (fog) apparatus
ASTM D618	Standard practice for conditioning plastics for testing
ASTM D635	Standard test method for rate of burning and/or extent and time of burning of plastics in a horizontal position
ASTM D638	Standard test method for tensile properties of plastics
ASTM D695	Standard test method for compressive properties of rigid plastics
ASTM D790	Standard test methods for flexural properties of unreinforced and reinforced plastics and electrical insulating materials
ASTM D1929	Standard test method for determining ignition temperature of plastics
ASTM D2843	Standard test method for density of smoke from the burning or decomposition of plastics
ASTM D3163	Standard test method for determining strength of adhesively bonded rigid plastic lap-shear joints in shear by tension loading
ASTM E8	Standard test methods for tension testing of metallic materials

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ASTM E72	Standard test methods of conducting strength tests of panels for building construction (excluding section 15)
ASTM E136	Standard test method for behavior of materials in a vertical tube furnace at 750°C
ASTM E196	Standard practice for gravity load testing of floors and low slope roofs
ASTM E330	Standard test method for structural performance of exterior windows, doors, skylights and curtain walls by uniform static air pressure difference
ASTM E331	Standard test method for water penetration of exterior windows, skylights, doors, and curtain walls by uniform static air pressure difference
ASTM E547	Standard test method for water penetration of exterior windows, skylights, doors, and curtain walls by cyclic static air pressure difference
ASTM E935	Standard test methods for performance of permanent metal railing systems and rails for buildings
ASTM E2353	Standard test methods for performance of glazing in permanent railing systems, guards and balustrades
ASTM E2358	Standard specification for the performance of glazing in permanent railing systems, guards, and balustrades
ASTM G85	Standard practice for modified salt spray (fog) testing
ASTM G151	Standard practice for exposing nonmetallic materials in accelerated test devices that use laboratory light sources
ASTM G154	Standard practice for operating fluorescent ultraviolet (UV) lamp apparatus for exposure of nonmetallic materials
ASTM G155	Standard practice for operating xenon arc light apparatus for exposure of non-metallic materials
ICC-ES AC04	Sandwich panels (test methods referenced in section 4.0 only)
TAS 114 Appendix E	Test procedure for corrosion resistance of fasteners, batten bars and stress distribution plates
<b>Windows, Doors, Skylights and Curtain Walls</b>	
AAMA 1303.5	Voluntary specifications for forced-entry resistant aluminum sliding glass doors
AAMA/WDMA/CSA 101/1.S.2/AA440-05 (Mandatory Tests Only)	North American Fenestration Standards/Specification for windows, doors and skylights
ANSI Z97.1 & CPSC 16 CFR CH II Part 1201	Safety glazing materials used in buildings - safety performance specifications and methods of test (except section 4.7.2)
ASTM E283	Standard test method for determining rate of air leakage through exterior windows, curtain walls, and doors under specified pressure differences across the specimen
ASTM E997	Standard test method for evaluating glass breakage probability under the influence of uniform static loads by proof load testing

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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 E1996	Standard specification for performance of exterior windows, curtain walls, doors, and impact protective systems impacted by windborne debris in hurricanes
ASTM F588	Standard test methods for measuring the forced entry resistance of window assemblies, excluding glazing impact
ASTM F842	Standard test methods for measuring the forced entry resistance of sliding door assemblies, excluding glazing impact
Florida Building Code Standard TAS201; Miami Dade County Protocol PA 201	Impact test procedures
Florida Building Code Standard TAS202; Miami Dade County Protocol PA 202	Criteria for impact and non-impact resistance building envelope components using uniform static air pressure
Florida Building Code Standard TAS203; Miami Dade County Protocol PA 203	Criteria for testing products subject to cyclic wind pressure loading