



CERTIFICATE OF ACCREDITATION

This is to attest that

APPLIED TESTING & GEOSCIENCES, LLC

401 EAST FOURTH STREET, BUILDING 12B
BRIDGEPORT, PENNSYLVANIA 19405, U.S.A.

Inspection Agency AA-672 (Type A)

has met the requirements of AC98, *IAS Accreditation Criteria for Inspection Agencies*, and has demonstrated compliance with ISO/IEC Standard 17020:2012, *Conformity assessment - Requirements for the operation of various types of bodies performing inspection*. This organization is accredited to provide the services specified in the scope of accreditation.

Effective Date May 18, 2024



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

APPLIED TESTING & GEOSCIENCES, LLC

www.appliedtesting.com

Contact Name Jacob Greer

Contact Phone +1 610 313 3227

Accredited to ISO/IEC 17020:2012

Effective Date May 18, 2024

Field and Range of Inspection	Regulations, Inspection Methods, Standards and/or Specifications
Panel Walls, Skylights, Exterior Doors and Windows, Roofing Products, Shutters and Structural Components; Vinyl Siding	Follow-up Service Procedure and Appendix 2 of the Applied Testing and Geosciences, LLC Quality Control Inspection Procedures per ICC ES Acceptance Criteria AC04, AC14, AC16, AC17, AC25, AC37, AC124, AC130, AC132, AC138, AC175, AC182, AC210, AC213, AC214, AC244, AC318, AC319, AC322, AC323, AC331, AC333, AC340, AC345, AC353, AC367, AC376, AC390 and AC394 and IAS Accreditation Criteria AC196 and AC473
Joist Hangers and Similar Devices	Follow-up Service Procedure and Appendix 2 of the Applied Testing and Geosciences, LLC Quality Control Inspection Procedures per ICC ES Acceptance Criteria AC13, AC335 and AC391
Nails, Spikes, Tapping Screw Fasteners, Mechanical Anchors and Adhesive Anchors	Follow-up Service Procedure and Appendix 2 of the Applied Testing and Geosciences, LLC Quality Control Inspection Procedures per ICC ES Acceptance Criteria AC01, AC58, AC70, AC106, AC116, AC118, AC133, AC193, AC202, AC233, AC308, AC317, AC320, AC344, AC347 and AC379
Non-Destructive Testing	Ultrasonic inspection per AWS D1.1, ASTM A898, ASTM E114, ASTM E164, ASME BPVC V-4 & SOP UT; Liquid penetration inspection per AWS D1.1, ASTM E165, E1417, ASME BPVC V-6 & SOP PT; Magnetic particle inspection per AWS D1.1, ASTM E709, ASME BPVC V-7 & SOP MT
Structural Steel	Welding Inspection per AWS D1.1, D1.2, D1.3, D1.4, D1.5, D1.6, AISC 360, AISC 303, AISC 341, & SSTC Welding Guide; Steel Erection / Fabrication inspection per AISC 303, 341 and 360; SDI Steel Deck & SJI Steel Joist Spec; High-Strength Bolting inspection per RCSC High Strength Bolt Spec, AISC 303, 341 and 360 & SSTC Bolting Guide;

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Field and Range of Inspection	Regulations, Inspection Methods, Standards and/or Specifications
	Cold-Formed Steel inspection per SFA / SSMA / AISI CFS Framing Inspection & TSN CFS) Framing Inspection; Follow-up Service Procedure and Appendix 2 of the Applied Testing and Geosciences, LLC Quality Control Inspection Procedures per ICC ES Acceptance Criteria AC43, AC129, AC151, AC170, AC300, AC369, AC395, AC425, AC437 and IAS Accreditation Criteria AC172 and AC473; and Amtrak-42 Rail Welding Specification Electric Flash Butt and Amtrak-1806 Specification for Purchase of Rail
Metal Building Manufacturing / Assembly	IAS Acceptance Criteria AC472; IAS Acceptance Criteria AC478; MBMA Inspection Guide
Deck Board and Handrail Systems	Follow-up Service Procedure and Appendix 2 of the Applied Testing and Geosciences, LLC Quality Control Inspection Procedures per ICC ES Acceptance Criteria AC174 and AC273
Concrete with Synthetic Fiber	Follow-up Service Procedure and Appendix 2 of the Applied Testing and Geosciences, LLC Quality Control Inspection Procedures per ICC ES Acceptance Criteria AC32, AC90, AC125 and AC408 and IAS Accreditation Criteria AC157
Spray Applied Foam Plastic Insulation	Follow-up Service Procedure and Appendix 2 of the Applied Testing and Geosciences, LLC Quality Control Inspection Procedures per ICC ES Acceptance Criteria AC377
Sprayed Fire-Resistant Materials Mastic and Intumescent Fire-resistant Coatings	SFRM inspection per AWCI Technical Manual 12A & 12B, ASTM E605, E736 & E1513.
Fire Protection Systems and Fire-Resistant Construction	IFC Firestopping Inspection Manual; ASTM E2174 Standard Practice for On-Site Inspection of Installed Firestop Systems; ASTM E2393 Standard Practice for On-Site Inspection of Installed Fire Resistive Joint Systems and Perimeter Fire Barriers
Wood	Follow-up Service Procedure and Appendix 2 of the Applied Testing and Geosciences, LLC Quality Control Inspection Procedures per IAS Accreditation Criteria AC196, and Amtrak-1907 Specification for Purchase of Wood Crossties & Switch Ties and Amtrak-06131a Heavy Timber for Open Deck Bridges and Miscellaneous Railroad Structures
Reinforced and Precast/Prestressed Concrete	Cast-in-place concrete inspection per ACI 117, 301, 304, 305, 306, 308, 309, 311.1/SP-2, 318, 347 and 355 and CRSI MSP & Penn DOT 408.

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Field and Range of Inspection	Regulations, Inspection Methods, Standards and/or Specifications
	Follow-up Service Procedure and Appendix 2 of the Applied Testing and Geosciences, LLC Quality Control Inspection Procedures per ICC-ES Acceptance Criteria AC51 and IAS Accreditation Criteria AC157
Geotextiles	Follow-up Service Procedure AASHTO M288 – Geotextile Specification for Highway Applications
Masonry	Masonry inspection per ACI 530/TMS 402/ASCE 5 & MIA Masonry Inspector's Handbook
Soils	Soil inspection per ASTM D6938; ASCE Geotechnical Testing, Observation & Documentation.