



# CERTIFICATE OF ACCREDITATION

## ANSI-ASQ National Accreditation Board

500 Montgomery Street, Suite 625, Alexandria, VA 22314, 877-344-3044

This is to certify that

**Wiss, Janney, Elstner Associates, Inc.**

**330 Pfingsten Road**

**Northbrook, Illinois 60062**

has been assessed by ANAB  
and meets the requirements of international standard

**ISO/IEC 17025:2005**

while demonstrating technical competence in the field of

**TESTING**

Refer to the accompanying Scope of Accreditation for information regarding the types of tests to which this accreditation applies.

AT-2564  
Certificate Number

  
ANAB Approval

Certificate Valid: 10/02/2018-04/22/2020  
Version No. 003 Issued: 10/02/2018



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).



**SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005**

**Wiss, Janney, Elstner Associates, Inc.**

330 Pfingsten Road  
 Northbrook, Illinois 60062  
 John Pearson | jpearson@wje.com  
 847-272-7400 | www.wje.com

**TESTING**

Valid to: **April 22, 2020**

Certificate Number: **AT-2564**

**Chemical**

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Chemical Analysis	ASTM A239, B748, C114, C150, C233, C260, C289, C311, C494, C595, C618, C876, C1017, C1084, C1152, C1218, C1240, C1324, C1602, C1702, D512, D516, E31, E34, E53, E70, E106, E350, E351, E352, E353, E415, E478, E536, E1019, E1024, E1086, E1251, E1252, E1508; AASHTO T26	Admixture, Aggregate, Anchors, Brick, Cement, Clay, Concrete, Concrete Masonry Unit (CMU), Epoxy, Fasteners, Fiber, Fly Ash, Grout, Metals, Mortar, Pozzolans, Rebar, Semi-Finished and Finished Components, Slate, Silica Fume, Steel, Stone, Tile, Water	Atomic Absorption (AA), Energy Dispersive Spectroscopy (EDS), LECO, Optical Emission Spectroscopy (OES), Scanning Electron Microscopy (SEM)

**Construction Materials**

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Chemical Analysis	ASTM C114, C233, C289, C1017, C1084, C1152, C1218, C1324, D512, D516, E31, E34, E53, E70, E350, E351, E352, E353, E415, E478, E536, E1019, E1024, E1086, E1251, E1252; AASHTO T26	Admixture, Aggregate, Anchors, Brick, Cement, Clay, Concrete, Concrete Masonry Unit (CMU), Epoxy, Fasteners, Fiber, Fly Ash, Grout, Metals, Mortar, Pozzolans, Rebar, Semi-Finished and Finished Components, Slate, Silica Fume, Steel, Stone, Tile, Water	Alkali-Silica Reaction (ASR), Atomic Absorption (AA), Chloride, Infrared Spectra, LECO, Optical Emission Spectroscopy (OES), pH, Sulfur

**Construction Materials**

<b>Specific Tests and/or Properties Measured</b>	<b>Specification, Standard, Method, or Test Technique</b>	<b>Items, Materials or Product Tested</b>	<b>Key Equipment or Technology</b>
Corrosion Analysis	ASTM C876	Steel in Concrete	Half-Cell, Copper-Sulfate Reference Electrode
Material Characterization and Evaluation	ASTM A90, A247, A309, A428, C33, C40, C126, C144, C150, C260, C294, C311, C404, C406, C494, C511, C595, C618, C637, C1077, C1157, C1240, C1602, E45, E53, E112, F606, F710, F788, F812, F1869, F2170, F2659; SAE J123	Admixture, Aggregate, Anchors, Brick, Cement, Clay, Concrete, Concrete Masonry Unit (CMU), Epoxy, Fasteners, Fiber, Fly Ash, Grout, Metals, Mortar, Pozzolans, Rebar, Semi-Finished and Finished Components, Slate, Silica Fume, Steel, Stone, Tile, Water	Cement and Concrete Performance, Consulting, Durability, Moisture Testing, Product Development
Moisture Testing	ASTM C1498, C1794, E96, F1869, F2170, F2659	Ceramic, Concrete, Concrete Masonry, Glass, Gypsum, Slate, Stone, Wood	Hygrothermal, Sorption, Water Absorption Coefficient, Water Vapor Transmission, WUFI
Petrographic and Microscopic Examination	ASTM A90, A309, A428, B487, B748, C295, C457, C856, C1084, C1324, C1723, E2809	Admixture, Aggregate, Anchors, Brick, Cement, Clay, Concrete, Concrete Masonry Unit (CMU), Epoxy, Fasteners, Fiber, Fly Ash, Grout, Metals, Mortar, Pozzolans, Rebar, Semi-Finished and Finished Components, Slate, Silica Fume, Steel, Stone, Tile, Water	Air-Void Analysis, Coating Thickness, Paint, Scanning Electron Microscope (SEM)



**Construction Materials**

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Physical Testing	ASTM A239, C29, C31, C39, C42, C67, C68, C78, C109, C117, C123, C125, C127, C128, C136, C138, C140, C143, C151, C157, C172, C185, C187, C188, C191, C192, C204, C231, C233, C293, C305, C311, C403, C426, C430, C490, C496, C512, C617, C666, C702, C1012, C1038, C1064, C1260, C1293, C1437, C1567, C1583, D75; ICC-ES AC32, AC51; ICRI 210.3R	Admixture, Aggregate, Anchors, Brick, Cement, Clay, Concrete, Concrete Masonry Unit (CMU), Epoxy, Fasteners, Fiber, Fly Ash, Grout, Mortar, Pozzolans, Rebar, Slate, Silica Fume, Steel, Stone, Tile, Water	Absorption, Air Content, Autoclave Expansion, Compressive Strength, Creep, Cyclic Testing, Density, Durability, Fineness, Flexural Strength, Freeze and Thaw, Length Change, Metallic Coating, Scanning Electron Microscope (SEM), Shrinkage, Sieve Analysis, Slump, Specific Gravity, Temperature, Tensile Strength, Voids, Yield
Thermal Analysis	ASTM C1679, C1702	Admixture, Aggregate, Anchors, Brick, Cement, Clay, Concrete, Concrete Masonry Unit (CMU), Epoxy, Fasteners, Fiber, Fly Ash, Grout, Mortar, Pozzolans, Rebar, Slate, Silica Fume, Steel, Stone, Tile, Water	Calorimetry, Heat of Hydration

**Mechanical**

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Hardness Testing	ASTM A370, B294, E18, E140, E384, F606	Metals, Fasteners, Raw Materials, Semi-Finished and Finished Components	Leica and Leco Microhardness Testers, Wilson Rockwell Hardness Testers

**Mechanical**

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Metallography	ASTM A262 (Practice A), A604, B487, B748, E3, E112, E45, E340, E381, E407, E1077, E1268, F788, F812; SAE J123, J419, J423; ASM Metals Handbook	Metals, Fasteners, Raw Materials, Semi-Finished and Finished Components	Banding/Orientation of Microstructures and Microstructural Identifications, Case Depth, Corrosion Evaluations, Depth of Decarburization, Discontinuities, Failure Analysis, Failure Mode Determination, Fractography, Grain Size (Comparison), Inclusion Ratings, Intergranular Susceptibility (Corrosion), Macroetch, Metallographic Preparation, Microetch, Plating Thickness,
Structural and Strength Testing	ANSI/AWS Standard D1.4; ASTM A370, A421, A615, A648, A706, A767, A775, A881, A955, A970, A996, A1034, A1035, A1044, A1061, A1081, B209, B557, C297, C393, E8, E72, E328, E488; California Test 670; ICC-ES AC01, AC32, AC58, AC70, AC106, AC133, AC193, AC269, AC303, AC308, AC347, AC395, AC447 (except section 4.4.8)	Anchors, Fasteners, Fiber, Pipe, Plastic, Rebar, Slate, Steel	Compression, Flexure, Relaxation, Shear, Tension

Note:

1. This scope is formatted as part of a single document including Certificate of Accreditation No. AT-2564.



Vice President

