

# Understanding the Value of Performance Testing of the Exterior Envelope of the Building

Chapter Program: Tuesday, April 18, 2017



## CSI CHICAGO AND NORTHERN ILLINOIS CSI PROGRAM AND TOUR OF UL BUILDING ENVELOPE PERFORMANCE LAB



**FIELD TESTING:** This course will focus on the purposes of conducting air and water field testing, the standards and methods used to conduct the tests, and conditions for field testing readiness.

**CASE STUDIES:** The course will explore case studies to understand the value, importance, and findings from conducting air and water field testing.

### LEARNING OBJECTIVES:

Upon completion of this course, Attendees will:

- Understand the purposes of air and water field testing.
- Understand specification provisions for air and water field testing.
- Understand the correct test standards and methods to be used.
- Understand how to interpret and use the information from test results.

**LEARNING UNITS:** Attendees will earn 2 AIA LU / HSW Learning Units;  
Course Number S134-041817

### SCHEDULE:

- 4 - 5 pm socializing and appetizers / 4:45 pm chapter announcements
- 5 pm facility tour / 6 pm program / 7 pm end event

**COST:** Members of Northern IL and Chicago Chapters: No Charge / Non-Members: \$40.  
Register by April 14.

**LOCATION:** UL Building Envelope Performance Lab at 750 Anthony Trail, Northbrook, IL 60062

[Click Here to Register](#)

**RIDE SHARE:** [Sign up](#) to provide a ride or if you need a ride to this event from downtown Chicago.



# Understanding the Importance of Air and Water Field Testing of Installed Fenestration Products

## Chapter Program (cont.)

### SPEAKERS:

**Wayne Breighner**, UL LLC, Building & Life Safety Technologies, Engineering Manager

Mr. Breighner directs and consults UL testing facility, specializing in fenestration testing. His responsibilities include, but are not limited to the following: structural, thermal, sound, and forced entry resistance. He currently aids clients with research and development, NFRC, AAMA, WDMA, ASTM, code compliance and certifications. He continues to work with contractors and consumers aiding them with his expertise and knowledge in curtainwall, window, and door testing (fenestration testing). He has experience chairing codes and standard meetings throughout the fenestration industry including ASTM, AAMA, WDMA, and FMA. Mr. Breighner is currently member of ICC and ASTM.

**David Hintz**, Senior Project Engineer at UL working within the Fire Resistance Team.

Mr. Hintz earned his bachelor's degree in Mechanical Engineering from The Cooper Union for the Advancement of Science and Art in New York, NY. He has over 8 years of experience as a fire test engineer and project manager, working extensively in the area of large-scale fire tests. His areas of specialization include fire testing of exterior wall assemblies and marine construction.