



**John A. Runkle P.E.**  
**Director, Forensic Services**

Architectural Testing, Inc.  
130 Derry Court  
York, Pennsylvania 17406-8405  
E-mail [jrunkle@archtest.com](mailto:jrunkle@archtest.com)

**PROFESSIONAL SUMMARY:** Over a decade of experience as a consulting engineer specializing in the testing, investigation, and design of residential, commercial, and industrial façade assemblies.

**Architectural Testing, Inc. – Director, Forensic Services**

**2006 – Present**

- Supervise Chicago and Los Angeles regional offices
- Supervise Forensic Services Department nationally and Field Services Department in York, Pennsylvania
- Manage/perform consulting, field testing, or investigation services in over 35 states
- Provide consulting services regarding building envelope assemblies: roofing, claddings, fenestrations, and below grade waterproofing
- Develop the practice area of building enclosure commissioning
- Provide expert witness services (see testimony list below)
- Review/oversee field air, water, thermal, and structural testing and consulting services
- Perform/oversee forensic investigative services and condition surveys
- Perform new construction services including design peer reviews, shop drawing reviews, construction administration/inspections, field testing, RFI/change order assistance, and consulting services regarding building envelope performance
- Clients include Owners, Construction Managers, Attorneys, Architects, Manufacturers, Distributors, Contractors, Sub-Contractors, and Property Managers

**Simpson Gumpertz & Heger, Inc. (SGH) – Staff Engineer**

**1999 – 2006**

- Performed/supervised forensic investigations and provided expert testimony
- Designed repairs and performed construction administration services on new and existing buildings
- One of four founding members of the Los Angeles, California office
- Worked in SGH's San Francisco, Los Angeles, and Washington D.C. offices
- Tested and evaluated fenestration assemblies, façade components, roofing, and below grade waterproofing on residential, commercial, and industrial buildings

**PROFESSIONAL REGISTRATION:**

Professional Engineer - Civil, California

**EDUCATION:**

Pennsylvania State University, State College, Pennsylvania

- B.S. in Civil Engineering, 1999

**INDUSTRY ORGANIZATIONS:**

ASTM – American Society for Testing and Materials

- Committee C14 on Glass and Glass Products
- Committee E06 on Performance of Buildings
- Committee E30 on Forensic Sciences

AAMA – American Architectural Manufacturers Association

- Participated in subcommittee meetings
- Assisted in writing guide specifications and manuals
- Accredited Installation Instructor – Installation Masters

APTI – The Association for Preservation Technology

- Rapporteurs’ Assistant, APT International Annual Conference: Asilomar 2001

SWRI – Sealant Waterproofing and Restoration Institute

- Technical Committee Member

RCI – Roof Consultants Institute

- Professional Member

**PUBLICATIONS:**

**RCI – The Institute of Roofing, Waterproofing, & Building Envelope Professionals**

- Procedures for Commissioning Building Envelopes - Knight, Boyle, Runkle

**Applicator Magazine (Spring 2009)**

- It’s Not What You Expect but What You Inspect – Runkle

**STO Protect Newsletter (Winter 2009)**

- Commissioning Better Building – and Value

## **PRESENTATIONS/LECTURES:**

### **The Association for Preservation Technology**

- Cathodic Protection - APT International Annual Conference: Asilomar 2001, Pacific Grove, California

### **GlassBuild America**

- Forensic Water Testing: Glass Build 2006, Las Vegas, Nevada

### **Build Boston (BSA)**

- Building Envelope Commissioning: Build Boston 2007, Boston, Massachusetts

### **Construct (CSI Show)**

- Building Envelope Commissioning: Construct 2008, Las Vegas, Nevada

### **Build Boston (BSA)**

- Testing and Inspections Associated with Building Envelope Commissioning: Build Boston 2008, Boston, Massachusetts

### **Roof Consultants Institute (RCI)**

- Building Envelope Commissioning: 2008, Atlanta, Georgia

### **American Architectural Manufacturers Association (AAMA)**

- Field Water Testing: 2008, Jacksonville, Florida

### **The American Institute of Architects (AIA)**

- Testing and Inspections Associated with Building Envelope Commissioning: 2009, Washington, D.C.

### **The Sealant Restoration & Waterproofing Institute (SWRI)**

- It's Not What You Expect but What You Inspect: 2009, St. Thomas, US Virgin Islands

### **Pennsylvania State University, Building Enclosure Science and Design - AE 542**

- Guest lecturer – The Practice of Building Envelope Commissioning, April, 2009, York, Pennsylvania