



Architectural Testing

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PROFESSIONAL SUMMARY

Over twenty-nine (29) years experience in the fenestration/building products industry, specializing in the design, testing, and inspection of residential and commercial products.

Senior Project Manager - Forensic Services

2007 – Present

- Provide consulting services to manufacturers, building owners, and contractors regarding building materials, components, cladding and assemblies.
- Perform system evaluations and job inspections through the development and submission of detailed reports.
- Review and development of remedial work plans, architectural specifications, and manufacturer shop drawings.
- Conducted quality control evaluations on building envelope products and systems.
- Provide witness services for field air/water testing of installed products.
- Conduct seminars for clients, building professionals, and related industries.
- Develop quotes for field testing and forensic services.
- Auditor for the AAMA InstallationMasters Installer Training program, the VSI Vinyl Siding Institute – Vinyl Siding Certification Program, and ATI's Deck and Handrail Certification Program.
- Participate in the development of standards and test methods of nationally recognized organizations (FMA, ASTM, AAMA).

Technical Standards Manager

1998 – 2007

American Architectural Manufacturers Association (AAMA)

- Responsible for development and maintenance of all of the association's technical documents (200 +/- documents and standards).
- Developed and managed two extensive manuals (350 +/- pages of text and graphics) for residential and commercial window/door installers.
- Responsible for creation of CADD drawings and graphics for technical documents.
- Directly responsible for 23 task groups and committees of AAMA – specializing in Glass, Aluminum, Fiberglass, and Wood & Cellulosic Composite materials councils.
- Staff Liaison to the Blast Hazard Mitigation for Fenestration Products task group.
- Liaison to industry associations – ASTM, BETEC, NFRC & FMA, participating on dozens of task groups and committees.

- Responsible for management of department and employees:
 - Supervised Document Coordinators
 - Prepared monthly status report
 - Administered department budget
 - Trained personnel
 - Prepared employee evaluations
 - Performed evaluations as program administrator
 - Collection and coordination of association ballots
 - Reviewed and approved meeting minutes and the meeting minutes binders

Director of Research and Development – EFCO Corporation

1991 – 1998

- Responsible for up to 26 department personnel.
- Responsible for design and development of new products including windows, doors, curtain wall, and custom products.
- Responsible for in-house R&D testing of products.
- Responsible for Applications Engineering departments and the design and development of custom products for specific job applications.
- Provide consulting expertise for sales and estimating staff.
- Reviewed shop drawings and factory orders for custom projects and applications.
- Worked with field services for resolutions to issues with installed products.

Engineering Supervisor/Drafter – Various Fenestration Manufacturers

1979 - 1991

- Managed up to 14 shop drawing/engineering personnel.
- Responsible for detailing and checking of project shop drawings.
- Designed curtain wall systems, created die drawings, wrote factory orders for custom projects.

EDUCATION/INDUSTRY ACCREDITATIONS

- Principle Developer and Manager – InstallationMasters™ Residential Window and Door Installer Certification Program, Level RLC 1.
- Principle Developer – Commercial Installer Training Manual – AAMA.
- Completed Adult Education courses pertaining to drafting and design, metals, etc.
- Graduate of Dowell J. Howard Vocation Center – Drafting I & II – Mechanical and Architectural Studies. Graduated “Outstanding Drafting Student – Class of 1978”.
- Third place in State of Virginia – Architectural Drafting Competition – VICA 1978.

INDUSTRY ORGANIZATIONS

- Member of American Society for Testing and Materials - ASTM E 06 and committee member of numerous task groups and working groups.
- Member of the Fenestration Manufacturers Association (FMA).
- Past member of the National Fenestration Rating Council (NFRC).
- Past Board member of the American Architectural Manufacturers Association (AAMA) and awarded the “Distinguished Service Award for the Architectural Products Group”.
- Author of numerous articles for trade magazines.
- Author and presenter of several industry related presentations including those for the:
 - AIA – American Institute of Architects
 - CSI – Construction Specification Institute
 - NGA – GlassBuild America
 - Local and regional CSI Chapters
- Chairman and task group participant for AAMA Standards and Specifications.