



Richard E. Merkert
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PROFESSIONAL SUMMARY

Over twenty-five (25) years experience with ATI in the fenestration/building products industry, specializing in the fabrication, testing, inspection, and design of residential and commercial products.

Consultant, Forensic Services — 2004 – Present

- Provide deposition and court testimony.
- Provide expert opinion and consulting services to manufacturers, building owners, contractors, and law firms.
- Participation in and/or supervision of forensic evaluations.
- Review and development of performance specifications, remedial work plans, architectural and shop drawings.
- Conducted hundreds of diagnostic and quality control evaluations on building envelope products and systems.
- Conduct seminars for building professionals.

Director of Field Services — 2000 – 2004

- Experience with respect to testing and analysis of different types of building envelope systems and products.
- Consulting and expert services.
- Participation in and/or supervision of forensic/diagnostic evaluations.
- Provided guidance on large field test and inspection projects.
- Responsible for department management and development.
 - Supervised field services staff
 - Prepared weekly schedule
 - Administered department budget
 - Trained personnel
 - Prepared proposals
 - Reviewed reports
 - Responsible for equipment development and calibration

Manager of Inspection and Field Testing/Senior Project Manager — 1989 – 2000

- Conducted hundreds of diagnostic evaluations and quality control tests and inspections.
- Prepared technical reports, collating months of raw data.
- Collaborated with architects, engineers, and other building professionals on commercial and residential projects.
- Developed inspection and testing protocols.
- Performed in-situ inspections and tests.
- Performed curtain wall mock-up and roof testing.
- Researched special projects.
- Coordinated manpower.
- 500% expansion of department revenue and personnel.

Product Engineer — 1986 – 1989

- Analyzed problems and provided sound remedial work advice based on window and tool design experience.
- Developed the mechanical system for conducting a 5-story field air, water, and structural test.
- Responsible for window design, design fabrication tools, and test equipment.

Machinist/Tool Maker — 1984 -1986

- Fabrication and assembly of test equipment, product prototypes, tooling, and manufacturing equipment.

EDUCATION/INDUSTRY ACCREDITATIONS

- Accredited Instructor – InstallationMasters™ Door and Window Installer Certification Program, Level RLC 1, 2000 – present.
- Adult Education courses pertaining to drafting and design work.
- Infrared Thermographer – ITC Certified Level 1.
- Member ASTM E6 Committee Member.
- Task Group participant for AAMA Standards and Specifications.