



Ivey Engineering is an expert witness and building system consulting firm that specializes in HVAC, plumbing and fire sprinkler systems. Our expertise includes: system design, building codes and standards, construction means and methods, construction costs, carbon monoxide analysis, energy efficiency and product reliability.

Ivey Engineering was founded in 1994. The firm is nationally recognized and has provided expert consulting services in approximately 30 states. The technical staff is comprised of professional engineers with multiple state licenses, former construction executives and licensed contractors. Our experts hold additional certifications, such as LEED, CEM, Carbon Monoxide & Combustion Analyst and Certified Fire Protection Specialist (CFPS).

We are a national firm with three bases of operation: San Diego, California; Clearwater, Florida; and Arlington, Virginia. Our clients include law firms, insurance companies, building owners, homeowner associations, developers, contractors, architects, engineers, individuals and facility managers. We have been retained in over 1,500 disputes and legal matters and have testified in approximately 300 of those matters. IEI has been engaged in over 500 other engineering projects involving design, condition and service life assessment, maintenance, repair recommendations and repair cost estimates.

Ivey Engineering provides the following services:

Construction Defect Expert Consulting

As experts in the engineering and construction field, Ivey Engineering evaluates and analyzes construction projects for defects related to design and construction. IEI provides construction defect expert consulting and expert witness testimony for owners, developers, contractors, sub-contractors, manufacturers and designers.

Forensic Investigation and Failure Analysis

Forensic engineering is generally defined as the application of science and engineering to the investigation of a failure or incident. Within the framework of a system or component failure, IEI will provide forensic engineering services and assist in identifying the nature and possible causes of the incident or product failure, prepare engineering reports and offer expert witness testimony.

Construction Claims Consulting

Ivey Engineering offers construction claims expert consulting resources to assist clients with disputes. IEI's consultants are former construction managers and construction company executives who are skilled in project management, scheduling, cost estimating, bidding, claims preparation, presentation and defense. We assist with construction claims that include unresolved change orders, design errors or omissions, allegations of inadequate project administration, failure to prosecute the work, abandonment, suspension, termination, force majeure, differing site conditions or interference.

Construction Cost Estimating and Cost Analysis Consulting

IEI provides estimating and analysis of construction costs for various types of construction including commercial, industrial, residential, institutional and governmental. These services are provided to assist in resolving disputes involving repairs, extra work, project administration, errors and omissions, performance bond claims, acceleration and delay.

HVAC and Plumbing Design

Several of our engineers came to us after an extensive career in design. Others gained design experience while at IEI. The firm specializes in system modifications that are necessary to repair, improve or restore HVAC and plumbing systems.

Professional Liability Expert Consulting

With experience in design, engineering and construction, IEI's professional engineers review and analyze the design of HVAC, plumbing, energy management, piping and control systems to determine whether or not the designer met the standard of care.

Litigation and ADR Support

IEI performs document review and analysis, site inspection and documentation of existing conditions, engineering analysis, code analysis, consulting, mediation, presentations and expert testimony. The firm has considerable experience and knowledge of the dispute resolution process—from defining issues and discovery to comprehensive damage analysis and expert testimony.

Building System Condition Evaluation

The firms' experts review available design documents and records, perform site inspections, and issue reports of findings and recommendations. We provide facility owners, operators and managers with an assessment of a building's HVAC, plumbing and fire protection systems. Our qualified experts analyze a system's condition, useful life, energy efficiency and when possible, identify possible hazards.

IEI provides consulting for residential, commercial, institutional, industrial, educational, health care and governmental facilities. Brief profiles of staff members can be found on our website, www.iveyengineering.com/our-team/. CVs and fee schedules are available upon request.

Email: info@iveyengineering.com

Phone: 858-587-2874