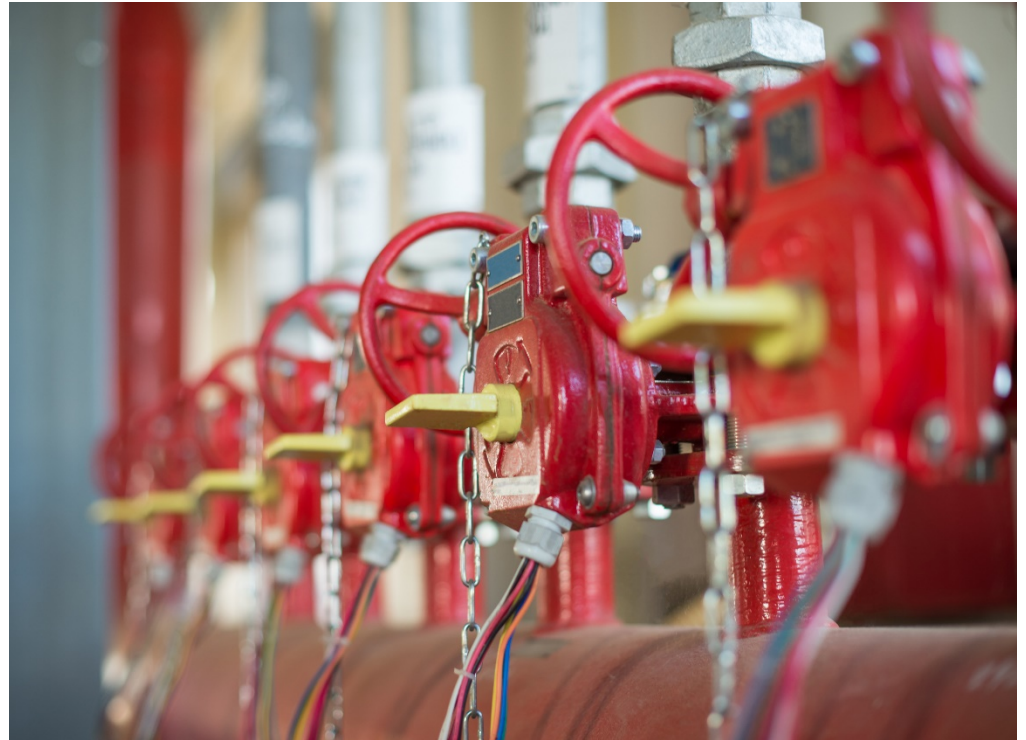




SERVICE PROFILE

Fire Protection and Life Safety

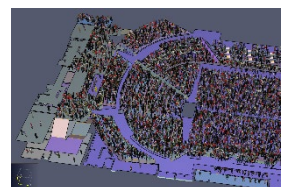
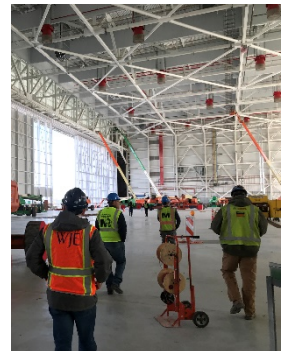


- Fire protection engineering consulting
- Fire protection system design/analysis
- Building code, fire code, and standards consulting and analysis
- Fire protection strategy development
- Code compliance alternatives
- Egress analysis; egress modeling
- Fire/life safety assessment
- Construction period services
- Code development
- Performance-based design; fire modeling
- Fire research and testing
- Product development
- Loss investigation
- Expert testimony

Having investigated and consulted on the fire protection of hundreds of structures, WJE professionals are experienced providers of fire protection engineering and life safety services for all types of new and existing structures. As leaders in the field, WJE professionals have participated in the development of many of the codes, standards, and evaluation techniques currently in use in the fire protection industry.

WJE helps clients develop cost-effective solutions to their challenging projects—solutions that meet their aesthetic goals without compromising public safety—for virtually all types of buildings and occupancies. WJE fire protection experts identify risks and design safeguards to assist in preventing, controlling, and mitigating the effects of fires in new and existing structures. Working with building owners, developers, and architects, WJE evaluates the life safety and property protection goals of clients to protect people, property, and the environment from the destructiveness of fire. WJE works with local authorities to facilitate approval of clients' project concepts and designs, saving time and reducing unnecessary expense during construction.

Using the latest techniques, WJE professionals expertly provide analysis of fire hazards; life safety evaluations; mitigation of fire damage by proper design, construction, arrangement, and protection of buildings; selection of materials, assemblies, and systems; review of industrial processes; the design of fire detection, notification, suppression, and communication systems; due diligence surveys; and post-loss investigation and analysis.



Fire Protection and Life Safety

REPRESENTATIVE PROJECTS

- American Airlines O'Hare International Airport Hangar 2 - Chicago, IL: Fire protection engineering consulting services, including design of new fire pump arrangements, sprinkler systems, and foam systems
- American Dream - East Rutherford, NJ: Special inspection services for smoke control systems
- Crosspoint 20/30 Distribution Center - Dallas, TX: Sprinkler system evaluation, fire test research, and redesign
- Four Winds South Bend - South Bend, IN: Third-party code enforcement
- Hyatt Regency Kansas City - Kansas City, MO: Life safety analysis and building recertification
- Hyatt Regency O'Hare - Rosemont, IL: Smoke control system analysis and design criteria
- Metropolitan Highway System - Boston, MA: Comprehensive fire safety review
- Moynihan Station - New York, NY: Fire protection and life safety consulting
- Old Chicago Main Post Office - Chicago, IL: Life safety consulting and fireproofing repairs
- Willis Tower (formerly Sears Tower) - Chicago, IL: Building code, life safety, and accessibility consulting services for major building renovation
- Wintrust Arena at McCormick Square - Chicago, IL: Fire protection engineering and code consulting

