

### Mark Hayes | Senior Associate



#### PRACTICE AREAS

- Fire Alarm System Design
- Fire Alarm System Analysis
- Smoke Control Systems
- Commissioning
- Code Development

#### REGISTRATIONS

- National Institute for Certification in Engineering Technologies (NICET) - Level IV in Fire Alarm Systems

#### PROFESSIONAL AFFILIATIONS

- National Fire Protection Association (NFPA)
- Society of Fire Protection Engineers (SFPE)
- Texas Department of Insurance Alarm and Detection Council, former principal

#### CONTACT

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#### EXPERIENCE

Mark Hayes is a recognized industry expert with thirty-eight years of experience in fire alarm systems. Prior to joining WJE, Mr. Hayes was manager of the Texas offices of a large international fire protection engineering firm. His responsibilities include design, layout, and review of fire alarm and occupant notification systems; system installation issues; and loss investigations. Mr. Hayes' related duties include designing fire alarm system details; designing a variety of projects to ensure compliance with local code requirements and project specifications; construction management for various federal, state, and local government fire alarm/fire sprinkler retrofit projects; and producing illustrations to show solutions to complex technical problems.

#### REPRESENTATIVE PROJECTS

##### Fire Alarm Design (Commercial Real Estate)

- Crescent Real Estate\*
- Stream Realty\*
- Behringer Harvard\*
- Cassidy Turley\*
- Brandywine Realty Trust\*
- Cousins Properties Inc.\*
- Cushman & Wakefield\*
- Parmenter Realty Partners\*
- RWMG Property Management\*
- Endeavor Real Estate Group\*

##### Fire Alarm Design (State)

- Texas Facilities Commission - Austin\*
- Texas Health and Human Services Commission\*

##### Fire Alarm Design (Universities)

- University of Texas\*
- Texas A&M University\*
- Texas Tech University Health Science Center - Lubbock \*
- Southern Methodist University - Dallas, TX\*
- University of North Texas\*

#### Fire Alarm System Design

- Texas Supreme Court Complex - Austin\*
- Dallas School Book Depository Building\*
- Fort Hood San Antonio Military Medical Center\*
- Dallas County Jail: Medical modification\*
- Department of Public Safety Headquarters Complex - Austin, TX\*
- Neiman Marcus\*
- Raytheon\*
- University Medical Center - Lubbock, TX\*
- AT&T\*

#### Smoke Control Systems

- University of Texas\*
- University of Texas, Office of Facilities Planning and Construction\*
- Texas Facilities Commission - Austin\*
- DFW International Airport Terminal D\*
- Clements University Hospital - Dallas, TX\*
- Dallas County Jail - TX: Medical modification\*

#### Commissioning

- University of Texas, Office of Facilities Planning and Construction\*
- Texas Facilities Commission - Austin\*
- Texas Health and Human Services Commission\*
- Clements University Hospital - Dallas, TX\*

#### Code Development

- North Central Texas Council of Governments International Code Advisory Board, principal
- Member, NFPA 72, *National Fire Alarm and Signaling Code*, Technical Committee - Chapter 12, *Circuit and Pathways*, Chapter 21, *Emergency Control Functions*, Chapter 23, *Protected Premises Fire Alarm Systems\**

\* Indicates with previous firm