PERSONNEL QUALIFICATIONS

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*