



 **COFFMAN**  
ENGINEERS

Fire Protection Engineering



*Creativity. Discovering opportunity inside of every challenge.*

In response to evolving societal expectations, the built environment has changed, producing increasingly complex, energy-efficient, and flexible structures. These same expectations also apply to life safety; failure of buildings to safely accommodate occupants is literally not an option. As such, the application of sound fire protection principals has become a vital aspect of many new building projects, as well as operational concern for existing facilities.



“The Coffman Engineers’ fire protection team has experience designing a variety of fire suppression, detection, and alarm systems.”



## SERVICES

- Automatic Sprinkler Systems
- Building / Fire Code Consulting
- Egress Analysis
- Fire Alarm
- Fire Department Access
- Fire Detection, Alarm, and Communication Systems
- Fire Resistive Analysis
- Fire Suppression Systems
- Life Safety
- Litigation Support Evaluations
- Passive Fire Protection Design
- Performance Based Design
- Smoke Control and Management
- Voice Evacuation/Mass Communication
- Water Supply Analysis

## MARKETS

- Corporate Real Estate
- Educational
- Entertainment
- Government
- Healthcare
- Hospitality
- Industrial
- Laboratories
- Manufacturing
- Oil and Gas
- Telecommunications
- Transportation





Our national fire protection engineering team works with clients to provide fire and life safety consulting for new facility design, designs for upgrades and renovations of specific protective systems in existing buildings, as well as litigation support following a fire incident. We have experience designing a variety of fire suppression, detection, alarm, and communication systems. Our team also routinely provides analysis and recommendations for the evaluation and design of water supply and distribution systems including on-site water storage, fire pumps, hydrant installations, and water supply systems.

### **CODE CONSULTING**

- Building and Fire Codes
- Egress Analysis and Modeling
- Code Equivalencies
- Performance Based Design
- Condition Assessments
- Fire Safety Masterplans
- Fire Resistance Analysis
- Fire Modeling
- Risk Analysis

### **DESIGN OF FIRE PROTECTION SYSTEMS**

- Fire Detection and Alarm
- Fire Suppression
- Smoke Management
- Mass Notification
- Structural

### **COMMISSIONING AND CONSTRUCTION ADMINISTRATION**

- Fire Detection and Alarm Systems
- Fire Suppression Systems
- Smoke Control/Management Systems
- Plan Review
- Third Party Review



## ABOUT COFFMAN ENGINEERS

As a multidiscipline engineering firm, Coffman Engineers is able to leverage the strength of our specialized civil, structural, mechanical, fire protection, and electrical disciplines. We have refined our approach to providing fire protection engineering through our many years of experience working with the nation's premier architects, engineers, owners, and end users.

More information on Coffman Engineers and its services can be found at [www.coffman.com](http://www.coffman.com).

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