



# Fire Protection and Life Safety Services

**Cherokee Fire Protection, LLC** (Cherokee) offers comprehensive fire protection consulting, engineering and design, analysis and inspection services for private, commercial, government and military applications. Cherokee can address many aspects of a total program by providing cradle-to-grave capabilities from establishing requirements to reviewing designs to managing on-site construction project close-out.

The fire protection staff at Cherokee are degreed fire protection engineers, including registered Professional Engineers, and Certified Fire Inspectors, Educators and Arson Investigators. Our staff actively participates with the National Fire Protection Association (NFPA) and the Society of Fire Protection Engineering (SFPE) to maintain our knowledge of code and standard changes and trends, as well as product development, so that our clients receive the best solutions to their life safety and fire protection challenges.

## **Cherokee's experience in Fire Protection and Life Safety Services include:**

- **Construction Inspection Services** – On behalf of building owners, Cherokee provides construction management support including inspection of construction activities to ensure code compliance and standard of quality construction practices.
- **Construction Management Support** – Cherokee manages construction activities to ensure timely submissions from architects, contractor bid review, cost estimating, coordination of submittals, quality assurance and quality control, processing of Requests for Information, management of construction inspectors, oversight of commissioning and project closeout.
- **Design Services** – Cherokee subcontracts to A/E firms lacking in fire protection expertise and performs design services including determining appropriate active and passive fire protection features, preparation of calculations, preparation of specifications and development of design drawings.
- **Code Compliance, Fire Hazards and Life Safety Analyses** – Whether required for major design projects, insurance surveys or as part of a corporate or governmental fire protection program, Cherokee performs analyses of life safety, property and fire hazards. As a matter of ensuring code compliance with fire protection and building codes or to qualify a building or complex as a Highly Protected Risk (HPR), these analyses often serve as the basis for an acceptable level of fire and life safety.
- **Third-Party Inspection Services** – Acting for fire and life safety Authorities Having Jurisdiction, Cherokee inspects the fire protection features of commercial construction activities to ensure code compliance. Cherokee then recommends issuance of Use and Occupancy Permits by the local government official.
- **Facility Surveys** – Commercial and governmental clients require surveys of existing buildings in order to determine code compliance with nationally recognized fire protection and life safety codes and standards. Often these surveys are required for property loss insurance and/or as a pre-lease survey to determine suitability of the space.
- **Programmatic Quality Assurance Audits** – Major industrial operations have corporate fire protection programs incorporating fire prevention measures and practices, firefighting procedures and maintenance of fire alarm and suppression systems. Cherokee performs audits of these programs to ensure that corporate procedures are utilized and that they comply with current codes and industry practices.