

## Job Description

### **Engineer I (Associate Engineer)**

**Position Summary:** Prepare building and fire code consulting and analysis reports, engineering design of fire protection and life safety systems, perform engineering analyses specific to fire protection, life safety, and risk. The candidate must work closely as part of a team and have the ability to interface with other professionals with limited interaction with clients. Experience with the design or review of fire suppression systems including wet-pipe, dry-pipe, pre-action, deluge, fire pumps, and storage tanks on a wide variety of project types is preferred. Perform hydraulic calculations and work with outside resources to incorporate special hazard systems. Assist in preparation of comprehensive fire protection packages including fire suppression, fire alarm, smoke evacuation, and life safety. Apply sound fire protection engineering principles to assist in troubleshooting and solving client related problems or code analysis questions. Perform field observations or surveys while taking detailed notes of existing conditions. Ability to climb ladders, lift up to 30 pounds over-head, and walk long distances. Assist field personnel in resolving design related installation issues. Position requires an energetic and experienced and competent individual capable of successfully solving challenging problems requiring adaptation and modification of standard techniques, procedures or criteria.

### **Job Requirements:**

- Degree in fire protection engineering or other engineering discipline
- 1-5 years' professional experience in the fire protection and life safety consulting field
- Certified E.I.T. by the NCEES or ability to gain certificate within 12 months of hire
- Excellent writing, presentation, and verbal communication skills
- Strong computer skills and knowledge of fire/life safety industry software preferred
- Ability to work in a team environment, as well as independently, when necessary