Fire Protection Engineer
Fully Remote • Remote Worker - N/A • Engineering

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Job Type
Full-time

Description

The National Fire Sprinkler Association (NFSA) is a trade association representing and serving as the voice of the fire sprinkler industry. The NFSA engineering staff provides technical support to our members through our expert of the day (EOD) service, issuance of TechNotes, delivery of online Tech Tuesday seminars, and in a variety of other ways. NFSA represents the sprinkler industry on numerous technical committees (TCs) including dozens of TCs for NFPA codes and standards, ICC building and fire code committees, AWWA, ISO and many others key organizations effecting sprinkler systems and other water-based fire protection systems. NFSA is also active in the development of technical literature, books, and training courses. NFSA offers a broad range of opportunities to develop and expand technical skills, increase the number of lives saved from fire, and help in providing better fire protection through the widespread acceptance of the fire sprinkler concept.

This position exists to support the mission of the National Fire Sprinkler Association by providing technical services to the members of the association. Such services include representation on technical committees of multiple organizations, organizing and disseminating research of various aspects of sprinkler system performance, preparing written materials on the installation of water-based fire protection systems, and developing and teaching seminars from beginner to advanced levels of experience. Responsibilities include, but are not limited to:

- Represent NFSA on codes and standards technical committees and work groups
- Serve as expert of the day (EOD) responding to requests for information
- Serve as speaker at NFSA meetings and fire related industry meetings
- Coordinate and manage research on behalf of the fire sprinkler industry on topics as assigned
- Write articles in support of NFSA publications
- Assist with development and delivery of learning and development materials and publications
- Other duties as assigned that are necessary for the fulfilment of the NFSA's mission
The duties of this job require a high degree of specialized expertise and skill in maintaining established standards of quality and accuracy. Drive, determination, and a self-disciplined approach to achieving results that meet these established criteria are necessary for successful job performance. The job environment is structured, and job expectations are clear. While the pace of the work is faster than average, quality is never compromised. The focus of communication and organizational relationships is based on technical expertise. The work requires specialized technical problem solving and ingenuity while working within approved organizational systems and technology, and the demonstration of the values of integrity, quality, and caution. New ideas and concepts are also important but will be carefully analyzed and tested before communication and adoption. The work requires making decisions that support company guidelines authoritatively and quickly.

- Varied activities, multiple, simultaneous projects, and fast-paced environment
- Technical, analytical focused work within established standards and guidelines with expertise-based problem solving
- Authoritative, quick decision making based on accepted quality standards, policies, and procedures
- Important to also train others to make correct decisions
- Communication is task based; technically oriented team roles are defined. Need for collaboration is focused on specific tasks or problems.

Requirements

This position reports to the Chief Engineer and requires strong technical aptitude, self-motivation, and a passion for fire protection and life safety. Applicants should possess strong communication, presentation, and organizational skills.

The required experience for this position includes:

- Bachelor’s Degree in fire protection engineering or related technical field
- Professional Engineering (P.E.) license or an engineer-in-training (E.I.T.) certificate and the ability to obtain a P.E. license within two years.
- 3 to 10 years of experience in the design of sprinkler systems or as a practicing fire protection engineer

The preferred experience for this position is one or more of the following:

- Advanced degree in fire protection engineering or related engineering field
- Experience with technical research projects and/or publication
- Experience in adult education and in-person and virtual (or hybrid) instruction

Salary Description

100-150k

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