

MN SFPE Job Posting Form

<i>KFI Engineers</i>	
*Position Title:	Fire Protection Engineer
*Location:	Cincinnati, OH; Lexington, KY; or Louisville, KY
*Position Type:	Full-Time / Permanent
*Compensation:	Salaried
*Start Date:	Immediate

MN SFPE or SFPE International is not responsible for the content or accuracy of this job posting.

***JOB DESCRIPTION**

POSITION SPECIFICATION

Position Fire Protection Engineer

Organization KFI Engineers (KFI)

Reporting Relationship Senior Fire Protection Project Manager

Website <http://www.kfi-eng.com/>

COMPANY BACKGROUND

KFI is a recognized industry leader in process and facility infrastructure design and performance. Since 1996, our culture of collaboration and unique capabilities have allowed us to make a difference in the way infrastructure and processing projects are delivered. We serve clients in numerous markets and geographical areas including the United States, Canada, and Central America.

Headquartered in St. Paul, MN, with six regional offices and a team of over 200 professionals, we offer opportunities to continue your career with mentorship programs, career growth support, and continued education. With KFI, we find a way to provide creative solutions to unique projects while providing the same care we would expect if we were the client. For more information about KFI Engineers and our culture, please visit www.kfi-eng.com.

POSITION OVERVIEW

The Fire Protection Engineer plays a key role in the successful execution of projects. Reporting to the Senior Fire Protection Project Manager, this individual will provide technical and engineering excellence, as well as successful delivery of work to our customers. The Fire Protection Engineer is responsible for a high level of customer satisfaction by ensuring expectations are clearly communicated and managed – both externally and internally. The successful candidate will contribute to a dynamic team environment by being proactive, communicating clearly and frequently, and modeling a highly collaborative working environment.

The Fire Protection Engineer will have a comprehensive understanding of fire protection systems and have the ability to understand and apply appropriate codes and standards.

TYPICAL RESPONSIBILITIES

Specific responsibilities will include, but not be limited to, the following:

- Prepares engineering documents and specifications to meet contracted scope of work.
- Develops estimates for assigned scope of work and is accountable for ensuring the project stays within scope and budget.
- Will serve as project manager for complete projects, overseeing a project team.
- Support the business development process through input to proposals, meeting and presenting to prospective customers.
- Provides work direction to other team members, including subcontractors, as assigned.
- Provides technical and engineering support to other departments/disciplines.
- Construction administration- leading and attending meetings, reviewing change orders, and responding to RFI's.
- Prepares fire protection systems layout and detailed drawings to produce a complete set of construction drawings in accordance with applicable codes and standards.
- Perform accurate design calculations including hydraulic calculations.
- Coordinates work with both internal and external stakeholders, providing technical support and work direction as

needed.

- Interact with clients to cross-market other professionals and services provided within the company.
- Review of fire protection contractor shop drawings.
- Provides recommendations as to the feasibility of certain systems or equipment and evaluates products for their applications.
- Coordinates system design with other disciplines, consultants, and utilities.
- Performs site surveys.
- Performs hydrant flow tests.
- Completes fire risk assessments.
- Knowledge and ability to apply fire codes.
- Knowledge and ability to perform fire modeling.
- Completes additional duties as required.

KNOWLEDGE, SKILLS AND ABILITIES REQUIRED

The successful candidate will have a pragmatic and applied approach, while at the same time bringing a creative examination of customer needs and solutions.

This person will have strong interpersonal skills to enable effective interaction with Designers, Engineers and Project Managers. This person will also possess strong communication skills, and influencing skills, and has demonstrated the maturity and self-confidence to work with colleagues and customers. The level of experience we are looking for likely comes with a minimum of 4-6 years of experience following graduation. For individuals on the lower end of experience, preference will be given to those with intern/co-op experience.

The successful candidate will be naturally collaborative, and possess the ability to assimilate a range of ideas, programs or alternatives into a set of recommendations. This person will be self-directed, but thrive in an environment where consultation leads to superior outcomes.

Additional qualifications the successful candidate will possess:

- Effective meeting management skills.
- Strong attention to detail.
- Adaptable and agile, responsive to quick changes in direction.
- Ability to establish rapport and credibility with customers and other stakeholders.
- Highly motivated, professional demeanor with a “can do” attitude
- Team-oriented and strong work ethic
- Ability to prioritize multiple tasks
- Maintain a well-organized system to account for various information processed
- Excellent written and oral communication.
- Skills needed to research and write reports/studies
- Competency in Microsoft applications including Word, Excel, and Outlook
- SpecLink experience preferred
- HydraCAD/HydraCALC and AutoSPRINK experience preferred
- Revit or HydraCAD for Revit experience preferred
- Industrial fire protection experience preferred
- Special Hazards Fire Suppression Systems experience preferred
- Basic understanding of Architectural, Electrical, Mechanical, Civil, and Structural Engineering construction practices.
- Ability to determining occupancy loads and evacuation provisions
- Fire alarm/mass notification system design
- Smoke ventilation and smoke control systems design
- Structural fire protection preferred
- Fire compartmentation, fire doors, fire shutters, and fire curtain experience preferred

LEADERSHIP CHARACTERISTICS

Understanding the Business

- Knows the business and the mission-critical technical and functional skills needed to do the job; understands the “KFI way” – our Mission, Vision and processes. Learns new methods and technologies easily.

Getting Organized

- Is well organized and resourceful; effective and efficient at marshalling multiple resources to get things done; lays out tasks in sufficient detail to mark the trail; is able to get things done with less and in less time; can work on multiple tasks at once without losing track; foresees and plans around obstacles.

Focusing on Action and Outcomes

- Attacks everything with drive and energy with an eye on the bottom line; not afraid to initiate action before all the facts are known; drives everything from start to finish.

Focusing on the Customer

- Identifies and anticipates customer requirements, expectations, and needs. Creates systems and processes that make it easy for customers to do business with the company. Ensures that customer issues are resolved.

Communicating Effectively

- Writes and presents effectively; adjusts to fit the audience and the message; strongly gets a message across.

Influencing Others

- Ensures that proposals or arguments are supported by strong logic and a compelling business case, addressing all relevant factors. Identifies the agendas, concerns, and motivations of others.

Builds Relationships

- Treats people with respect; relates well to people regardless of their organization level, personality, or background. Encourages others to express their views, even those contrary to current thinking.

EDUCATION

Bachelor's degree in Mechanical or Fire Protection Engineering is required. Professional Engineering Registration or willingness to pursue this designation is also required. 4-6 years of experience preferred.
NICET Level III or IV in Water-Based Systems Layout preferred.

COMPENSATION

Recognizing the importance of this position to KFI, a competitive wage and benefits package will be offered.

KFI ENGINEERS CONTACT

651-771-0880
670 County Road B West
Roseville, MN 55113
careers@kfi-eng.com

KFI Engineers is an Equal Opportunity Employer.

***JOB REQUIREMENTS**

See position description above.

Travel:	10-15% travel
Education:	Bachelor's degree in Mechanical or Fire Protection Engineering is required.
Experience:	4 - 6 years
Certification:	Required: Professional Engineering Registration or willingness to pursue this designation is required. Desired: NICET Level III or IV in Water – Based Systems Layout preferred.

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CONTACT INFORMATION

Job Reference:	CIA23-024
*Contact Name:	Shelby Lake
*Method:	Phone: 513-419-4205; Email: snlake@kfi-eng.com
Website:	https://recruiting.paylocity.com/recruiting/jobs/Details/1667828/KFI-Engineers-PC/Fire-Protection-Engineer

SPECIAL INTRUCTIONS:

Please apply on external site, using the website link listed above.

MN SFPE Member? Yes or No .

(MN SFPE requires at least one person from firm to be local members in order to use this service).

MN SFPE Requires notice upon filling the position in order to promptly remove the posting from the website. This posting will be posted for a maximum of 3 months. Following which, the posting may be renewed. Return this completed form electronically to the Vice President of the Minnesota Chapter of the Society of Fire Protection Engineers or send to mnsfpe@gmail.com. No handwritten/scanned copies please.