

# MN SFPE Job Posting Form

<i><b>KFI Engineers</b></i>	
*Position Title:	<b>Fire Protection Designer</b>
*Location:	<b>St. Paul, MN; Cincinnati, OH; Fargo, ND; Lexington, KY; or Louisville, KY</b>
*Position Type:	<b>Full-Time / Permanent</b>
*Compensation:	<b>Salaried</b>
*Start Date:	<b>Immediate</b>

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

## **\*JOB DESCRIPTION**

### **POSITION SPECIFICATION**

**Position** Fire Protection Designer

**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](http://www.kfi-eng.com).

### **POSITION OVERVIEW**

The Fire Protection Designer will be reporting to the lead Senior Fire Protection Project Manager and will be responsible for assisting in the design of fire protection systems, including performing hydraulic calculations and producing construction documents. The Fire Protection Designer will be able to provide design assistance in all aspects of fire protection systems design and engineering in accordance with established policies, standards, and procedures. This individual will also understand the building/fire codes and standards to be able to produce specifications and assist in studies on a variety of fire protection related applications.

### **TYPICAL RESPONSIBILITIES**

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

- Prepare fire protection systems layout and detailed drawings to produce a complete set of construction drawings in accordance with applicable codes and standards
- Assist in the preparation of contract specifications
- Perform accurate design calculations including hydraulic calculations
- Coordinate work with both internal and external stakeholders, providing technical support and work direction as needed
- Review of fire protection contractor shop drawings
- Perform field surveys and construction administration duties
- Provide technical information and assistance to project engineer or project manager
- Make recommendations as to the feasibility of certain systems or equipment and evaluate products for their applications
- Coordinate system design with other disciplines, consultants, and utilities
- Perform site surveys
- Perform hydrant flow tests
- Respond to RFI's with the approval of the Project Manager

- Additional duties as required

### **KNOWLEDGE, SKILLS AND ABILITIES REQUIRED**

- Highly motivated, professional demeanor with a “can do” attitude
- Team-oriented and strong work ethic
- Proficient and accurate data entry skills necessary
- Ability to prioritize multiple tasks and shift focus if needed to assist other staff
- Maintain a well-organized system to account for various information processed
- Excellent written and oral communication
- Strong attention to detail
- Effective at researching and writing 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
- Basic understanding of Architectural, Electrical, Mechanical, Civil, and Structural Engineering construction practices

### **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**

- Associated degree in Drafting and Design preferred.
- NICET Certified in Water-Based Systems Layout preferred.
- NICET Certified in Fire Alarm Systems and/or Special Hazards Suppression Systems preferred.

**COMPENSATION**

Recognizing the importance of this position to KFI, a competitive salary 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.	
<b>Travel:</b>	<b>Less than 10% travel.</b>
<b>Education:</b>	<b>Associated degree in Drafting and Design preferred.</b>
<b>Experience:</b>	<b>0-3 years</b>
<b>Certification:</b>	<b>Required: Desired: NICET Certified in Water-Based Systems Layout and NICET Certified in Fire Alarm Systems and/or Special Hazards Suppression Systems</b>

**COMPANY INFORMATION**

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**CONTACT INFORMATION**

<b>Job Reference:</b>	<b>CIA23-023</b>
<b>*Contact Name:</b>	<b>Shelby Lake</b>
<b>*Method:</b>	<b>Phone: 513-419-4205; Email: <a href="mailto:snlake@kfi-eng.com">snlake@kfi-eng.com</a></b>
<b>Website:</b>	<b><a href="https://recruiting.paylocity.com/recruiting/jobs/Details/1667812/KFI-Engineers-PC/Fire-Protection-Designer">https://recruiting.paylocity.com/recruiting/jobs/Details/1667812/KFI-Engineers-PC/Fire-Protection-Designer</a></b>

**SPECIAL INTRUCTIONS:**  
 Please apply on external site, using the website link listed above.

MN SFPE Member? Yes   X   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](mailto:mnsfpe@gmail.com). No handwritten/scanned copies please.