

[Join Our Talent Community](#)

If you are unable to complete this application due to a disability, contact this employer to ask for an accommodation or an alternative application process.

## Fire Protection Engineer

Regular Full Time

Cincinnati, OH, Cincinnati, OH, US

21 days ago

Requisition ID: 1027

+2 More Locations

### POSITION SPECIFICATION

**Position** Fire Protection Engineer

**Organization** KFI Engineers (KFI)

**Reporting Relationship** Senior Fire Protection Project Manager

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

### COMPANY BACKGROUND

KFI Engineers is a recognized industry leader in 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.

Headquartered in St. Paul, MN, with eight regional offices and a team of over 250 professionals, we have a people-first culture that offers 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) (<http://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

[Back](#)[Apply](#)

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

**Back**

**Apply**

- 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 2 - 4 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.

**Back**

**Apply**

- 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.

## **CORE BEHAVIORS**

### **Accountable**

- Demonstrates persistence in the achievement of goals.
- Acts with a sense of urgency.
- Takes responsibility for own actions.

### **Business Focus**

- Demonstrates agility, adapts well to changes.
- Works well under pressure.
- Meets commitments to internal/external customers.

### **Project Execution**

- Plans projects well, managing last-minute rushes and disruptions.
- Balances Speed and Quality.
- Looks for improvement in our delivery, tools and processes.

### **Demonstrates Respect for Others**

- Keeps others adequately informed.
- Exhibits objectivity and openness to others' views.
- Adapts communication style and method based on audience and situation.

### **Team Player**

- Balances team and individual responsibilities.
- Shares expertise with others.
- Inspires respect and trust.

## **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**

**Back**


**Apply**

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

***KFI Engineers is an Equal Opportunity Employer.***

---

Copyright © 2023, ADP, Inc. All rights reserved.

Powered by 

[Privacy](#) | [Legal](#) | [Requirements](#) | [Artificial Intelligence](#)

---

[Back](#)

[Apply](#)