



## POSITION: Mid-Level FPE

FULL TIME

OFFICE, REMOTE, AND HYBRID OPTIONS AVAILABLE

(VARIES BY EXPERIENCE AND LOCATION)

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### **JOB OVERVIEW**

Protection Engineers, LLC (PELLC) is expanding and looking to add a qualified and experienced mid-level Fire Protection Engineer (FPE) to support our clients and our projects. The FPE is entrusted with a diverse array of responsibilities including (but not limited to) performing design calculations, developing performance-based engineering approaches, preparing code analyses, performing fire modeling, and designing of fire alarm and fire suppression systems. In addition, the FPE has the opportunity to progressively strengthen their skills in the areas of project and financial management, deliverable quality reviews (QA/QC), and reporting as well as business development. PELLC requires the FPE to produce high-quality deliverables and work independently on a daily basis with moderate supervision within our mentoring framework.

### **KEY RESPONSIBILITIES**

- Performs coordination by reviewing drawings supplied by vendors, other engineering teams, and architects while implementing design modifications as necessary.
- Performs design calculations in support of design efforts associated with fire alarm and fire suppression systems.
- Conducts code and risk analyses which may include height and area calculations, occupancy and use classifications, life safety evaluation, fire barrier determination and placement, water supply evaluation, suppression and fire alarm requirements, smoke control system criteria, interior finishes, hazardous materials, high-piled storage, and/or fire department vehicle access.
- Performs computer-based fire modeling to evaluate fire growth and spread, smoke spread, detector activation, airflow and pressure differentials for smoke control design, people movement, and other fire and life safety challenges.
- Implements broad direction as provided by management but is comfortable in making engineering decisions.
- Identifies, develops, and implements performance-based engineering approaches and solutions based upon various and often competing data.
- Gathers appropriate resources in order to solve problems.
- Supports senior-level staff.
- Supports clients to make informed decisions.
- Monitors and manages project budgets and costs.
- Embraces the firms' core values in the course of all professional activities.
- Adds value by engaging in creative thinking, embracing innovation, and exercising independent judgment and discretion.

## REQUIRED SKILLS & QUALIFICATIONS

- 4-10 years' experience in Fire Protection Engineering and Code Consulting
- Engineer-In-Training (EIT) required
- Professional Engineer license (current, or is actively pursuing license).
- Intermediate knowledge of Fire and Life Safety Engineering
- Intermediate knowledge and understanding of National Fire Protection Association (NFPA), Building and Fire Codes, and Factory Mutual (FM) Global
- Excellent analytical and critical thinking skills
- Effectively and concisely communicate concepts and ideas both internally and externally
- Proven record of successful and progressively responsible project management
- Strong attention to detail and organization
- Successful Completion of the Fundamentals of Engineering Test and Engineer-in-Training (EIT) Certification
- *All eligible candidates must be able to obtain a Public Trust Clearance.*

## WHY JOIN US?

At Protection Engineers, we recognize that our employees are our most valuable asset and greatest investment. As a FPE on our team, you will have the opportunity to engage with a dynamic and progressive organization and collaborate with a multidisciplinary team while facilitating a diverse exchange of ideas and expertise that will enhance your professional experience.

**Professional growth** is a core component of our culture. PELLC offers a wide range of resources and training programs to keep our team updated on the latest advancements in fire protection engineering, along with continuous education through workshops, seminars, and courses. We understand that each team member comes from different backgrounds, has a variety of experiences, and brings unique perspectives. These **varying perspectives are not just accepted in our work environment but invited.**

In summary, joining PELLC means becoming part of an innovative organization that values employee well-being, growth, and success, while contributing to significant and impactful projects.

## TOTAL REWARDS PACKAGE

- \* Compensation: \$105,000-\$150,000
- \* Annual Bonus Based Upon Both Business and Employee Level Performance Metrics
- \* Employer Funded Retirement Plan (401k & Profit Sharing)
- \* Flexible Paid Time Off
- \* Company Paid Employee Healthcare, Vision, Dental, Disability, and Life Insurance
- \* Employee HSA Contributions Made by PELLC
- \* Nine Fixed Holidays and One Floating Holiday

## APPLICATION PROCESS

If you are a qualified FPE with a passion for solving diverse engineering and code compliance challenges, we encourage you to apply for this exciting opportunity. Please submit your resume and a cover letter detailing your experience and why you are the ideal candidate for the role to our hiring coordinator:

**Bryanna Santillan**

[careers@protengineers.com](mailto:careers@protengineers.com)

We look forward to welcoming a talented FPE to our team who will help us achieve our goals and drive our business forward. Thank you for considering this opportunity with us.

*Protection Engineers, LLC is an equal opportunity employer, and all qualified applicants will receive consideration for employment without regard to race, color, religion, age, sex, national origin, disability status, genetics, protected veteran status, sexual orientation, gender identity or expression, or any other characteristic protected by federal, state or local laws.*