FIRE PROTECTION ENGINEER

Location: Johnstown, PA

Classification: Professional

Employment Status: Full-Time

For 75 years, H.F. Lenz has been a leader in building system solutions with a focus on planning, design, civil, structural and MEP services for a diverse array of markets. HFL is consistently ranked within the top 50 design firms by *Building Design + Construction Magazine*...a testament to the dedication of our talented employees.

We are seeking qualified candidates for a **Fire Protection Engineer** to come join our talented engineering team in Johnstown, PA.

**Why H.F. Lenz:**

**EMPLOYEES are #1...**Our resources are devoted to our biggest and most important asset – our employees!

**STABILITY...**Our employee-centric focus is just one reason our average employee tenure is more than 15 years. We attract AND retain top talent!

**CULTURE...**HFL provides a culture designed for your to thrive!

**INDUSTRY EXPERTISE...**in business for 75 years, we are an ENR Top 100 Engineering & Design firm with over 45 licensed PE’s, an 85% repeat business ratio and clients that span the nation.

**GROWTH & DEVELOPMENT...**Here at HFL, individual talents are recognized and developed, creating diversity in all facets of engineering design and project management.

**WELLNESS...**We offer an industry leading benefits and compensation package that includes healthcare, paid time off, 401(k) retirement, discretionary contributions, relocation assistance, bonuses and professional development opportunities.

**LOCATION...**Our offices offer the best of both worlds! Enjoy the benefits of working for a nationally recognized firm, while maintaining a supportive family culture focused on collaboration, creativity and innovation.

**What You Will Do:**

As Fire Protect Designer, you will prepare project deliverables and contract documents, including: calculations, drawings and specifications. You will survey existing fire protections systems and examine field conditions, as required to support the development and completion of projects. A typical day includes:

- Reviewing project scope and obtaining deliverables and due dates
- Code reviews, including NFPA, Insurance Carrier, client standards and others
- Determining required fire suppression system and criteria
- Surveying existing fire suppression systems
• Preparing contract documents (laying out sprinkler heads/piping, details, schedules and specifications)
• Analyzes engineering specifications, data and drawings to determine design factors such as size, shape and arrangement of equipment and materials.
• Collaborate with clients, vendors and engineering team members in cross-functional setting to ensure that the design is accurate and that contract responsibilities are met according to client’s expectations.
• Conducts layout and selection of equipment and sizes equipment, tolerances and location in accordance with codes and client requirements.
• Continuously review, and maintain a working knowledge of, changing codes, standards, industry specifications and practices to ensure compliance.
• Travel to local project sites and conduct site observations and surveys; some overnight travel may be expected.

**Qualifications:**
• 5+ years of experience designing and engineering fire protection systems in the commercial, educational and/or mission critical markets with additional knowledge of specialty fire suppression systems;
• Working knowledge of NFPA codes and insurance carrier standards;
• Experience working with Revit, AutoCAD, BIM modeling platforms and MS Office;
• NICET certified or desire to obtain certification;
• Strong oral and written communication skills;
• Ability to work well under pressure, prioritize multiple projects and adjust work against tight deadlines.

**Requirements:**
• BS Degree in Mechanical or Fire Protection Engineering, or other related discipline;
• EIT/FE certification is required; PE License is desired.

**EOE, including disability/vets**

All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, or status as a protected veteran.

*Staffing Requisition #: 2021-017*