

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