



*Driven Fire Consultants is a professional fire protection design and engineering firm located in Sioux Falls, SD. We provide consulting and design of fire protection systems for architects, consultants, contractors, and businesses.*

## **Entry Level Fire Protection Engineer**

**Reports to:** Senior Engineer

### **Job Description:**

The fire protection engineer is engaged in the layout, detailing and calculations of water-based systems that comply with code and statutory requirements. Areas covered include plan and submittal preparation, applications of various types of water-based systems, equipment selection and application, and technical management of layout projects. Technical areas covered include types of water-based systems and their components; water supply requirements; hydraulics; building features, hazards, and occupancy considerations; system installation, inspection, and maintenance requirements; applicable codes and standards; and contract administration.

### **Essential Job Responsibilities:**

1. Print or obtain the appropriate and up-to-date plans.
2. Maintain constructive communication with Driven staff and clients.
3. Obtain all pertinent water flow data and properly size system.
4. Determine requirements for products, material, clarifications, or substitutions.
5. Utilize design software to apply engineering concepts and standards to each unique project.

### **Preferred Skills & Traits:**

1. Good time management and organizational skills. Personal accountability is a must.
2. Strong communication skills.
3. The ability to make decisions independently and hold self accountable.
4. Prior construction or AutoCAD experience or knowledge is preferred but not required.
5. High aptitude for design and a can-do attitude.
6. A strong desire to learn, grow, work hard, and improve oneself are the most important qualities.

### **Educational and Experience Requirements:**

1. 4 years college degree (ie: Bachelors) or a combination of equivalent experience and certification, Engineering, or related field, required
2. Professional Engineer (PE) certification (or ability to obtain, E.I.T.), preferred
3. NICET, AFSA and other industry certifications encouraged and may be completed during employment.

4. Certified Fire Protection Specialist, preferred
5. 5 years field engineering/consulting experience in fire protection and/or architecture, preferred
6. Working knowledge of Fire, Life Safety and Building Codes, NFPA Standards, and UL/FM standards
7. Ability to apply broad knowledge of principles and practices in a specific area of practice.
8. Ability to manage small project of limited complexity
9. Ability to evaluate, select and apply standard techniques and procedures and criteria to perform a task.
10. Demonstrated project management experience
11. Working competency with MS Office & MS Project software
12. Ability to perform basic calculations using egress, fire smoke and water modeling software.
13. Demonstrated proficiency in verbal, written, presentation skills

**Working Conditions:**

This position entails spending most of the time in the office with the occasional visit to a construction site. Some travel may be required to visit construction sites. Most days will entail working in the office and going home at night. The occasional visit to a construction site may expose the individual to adverse weather conditions and normal construction hazards. Personal safety equipment will be provided for any necessary site visits.

**Benefits:**

- Competitive salary starting at \$62,500+ based on education and experience with potential for significant advancement.
- Health Insurance
- Health Savings Accounts and Flexible Spending Accounts
- Dental Coverage
- Vision Coverage
- Group Term Life Insurance, Accidental Death and Dismemberment Insurance
- Short-Term and Long-Term Disability Coverage
- Education and Training Assistance
- PTO
- Paid holidays
- Annual wage review

**To be considered for this position, please contact Jared Van Gammeren, Darin Syverson, or Robyn Kelderman at (605) 444-9290 or by emailing us at [info@drivenfire.com](mailto:info@drivenfire.com)**

*Driven Fire Consultants is an equal opportunity employer and encourages all qualified individuals to apply.*

