

If you are looking for a well-established firm in Western Washington, then BCE Engineers, Inc. may be the place for you! We are looking for an experienced Licensed Fire Protection Engineer to join our growing team. Under general supervision of a BCE Principal, the Fire Protection Engineer has a variety of engineering and project management duties and responsibilities associated with the planning, analysis, design, and construction of fire protection systems primarily for new construction and facility renovation projects.



### **Duties**

- Determine Life Safety features and project compliance.
- Implement NFPA, International Codes, FM Global Data Sheets, and Unified Facilities Criteria (UFC) documents as applicable.
- Generate project Life Safety documents.
- Generate Fire Protection system design documents.
- Generate Fire Alarm and/or Mass Notification system design documents.
- Coordinate with AHJs, architects, owners, and design team.
- Perform site survey tasks.
- Perform assessments on existing properties for compliance to codes.
- Provide fire pump selections and layouts.
- Perform hydrant flow tests and generate test results.
- Perform hydraulic analysis.
- Review hydraulic calculations and understand how to perform them by hand.
- Edit project specifications.
- Generate narratives.
- Generate cost estimates.
- Review contractor submittals and shop drawings for compliance with contract documents.
- Review contractor test procedures.
- Evaluate and respond to project change orders, RFIs, etc.
- Conduct system testing.
- Perform installation inspections.

### **Responsibilities**

- Manage multiple projects simultaneously through successful leadership of engineering, drafting and administrative staffs.
- Effectively communicate verbally and in written format to clients, advising on appropriate building systems, architectural, structural, and civil accommodations for fire protection systems, and clearly present the design alternatives and associated costs to the Client.
- Apply standard engineering practices while researching and developing new methods and technology.
- Communicate relevant project information to other project engineers and Principals.
- Resolve project issues in a timely fashion.
- Provide assistance on projects that are not his/her assigned projects, filling in on emergency deadlines as required.
- Perform Quality Control reviews for other projects.

### **Qualifications**

- Must have active Fire Protection Engineer (FPE) license
- Experienced with assessment and design of facility life safety systems
- Thorough knowledge and understanding of life safety codes and standards
- Experienced with hydraulic calculations
- Capable of interacting professionally with AHJs, clients, colleagues, and the general public
- Familiarity with AutoCAD, Revit and Microsoft Office Suite beneficial
- Authorization to work in the United States is required

**Benefits**

This full-time position offers competitive wages and an excellent benefits package, as well as opportunities for additional training and advancement—all in a fun, challenging, and collaborative work environment.

**About BCE**

BCE is a 70-person, mechanical, electrical, and fire protection engineering firm located in Fife, Washington—just five minutes north of Tacoma. We have been in business for 30 years and specialize in the design of commercial buildings, K-12 schools, medical facilities, housing/mix-use projects, higher education campuses, military facilities, waterfront and upland utility design for wharves and piers, and lift station design for storm and sanitary sewer systems. We provide professional engineering services throughout the Pacific Northwest and beyond, having completed projects in 17 states and as far away as Africa. Visit [bceengineers.com](http://bceengineers.com) to learn more.

BCE Engineers, Inc. is an Equal Opportunity Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, or national origin.

Please submit a cover letter and resume to [jobs@bceengineers.com](mailto:jobs@bceengineers.com), with "Fire Protection Engineer" in the subject line of your email.