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## 2019 University Graduates (U.S.) - Fire Protection Engineer

No. of Openings: **2**

Position Closing Date:

### Overview

Bechtel has a long tradition of technical and engineering excellence in supporting multiple industries. Our engineers use their ideas and ingenuity to create innovative, practical, and cost-effective solutions for our customers.

The various Fire Protection Engineering tasks demand detail-oriented individuals with multifaceted skills, particularly in-depth technical expertise, flexibility, enthusiasm for individual and team tasks, and analytical problem-solving capabilities.

As a Fire Protection Engineer, you will work in multidisciplinary teams and provide expertise in some of the most vital aspects of a project: plant equipment, piping, control systems, regulatory compliance, and life safety.

The total number of hires and start dates are subject to workload and business conditions. Locations will vary based on project needs, and may include Reston, VA, along with various project sites.

### **General Job Duties:**

This entry level position will allow you to perform assignments that will develop professional working knowledge and abilities through the application of applicable codes and standards, as well as engineering calculations and techniques, procedures and criteria. You will exercise limited, but increasing, judgment in performing your assigned duties using methods prescribed by your supervisor.

### **Typical Activities of the Fire Protection Engineering Team:**

- Select and specify equipment
- Prepare detailed system piping and instrumentation diagrams
- Perform system and equipment sizing calculations
- Establish facility design requirements and develop the system safety basis
- Provide consulting and code interpretations to interfacing disciplines
- Support the development and/or maintenance of fire hazards analyses or fire protection design analyses
- Review supplier and subcontractor designs and installations

### **Basic Qualifications**

- Bachelor of Science degree in Fire Protection Engineering from an accredited college or university within twelve (12) months of graduation date.
- Ability and willingness to relocate and/or travel to domestic and/or international project jobsites.
- Possess the eligibility to work and remain in the United States without sponsorship.
- Must be able to pass pre-employment drug screen and background check.

### **Preferred Qualifications**

- Master of Science degree in Fire Protection Engineering from an accredited college or university within twelve (12) months of graduation date.
- Completed relevant coursework with a strong GPA.
- Prior co-op or internship experience.
- Excellent written and oral communication skills.

*Shaping tomorrow together*

*Bechtel is among the most respected engineering, project management, and construction companies in the world. We stand apart for our ability to get the job done right—no matter how big, how complex, or how remote. Bechtel operates through four global business units that specialize in infrastructure; mining and metals; nuclear, security and environmental; and oil, gas, and chemicals. Since its founding in 1898, Bechtel has worked on more than 25,000 projects in 160 countries on all seven continents. Today, our 53,000 colleagues team with customers, partners, and suppliers on diverse projects in nearly 40 countries.*

*An Equal Opportunity Employer. All qualified applicants will receive consideration for employment without*

*regard to race, color, religion, sex, sexual orientation, gender identity, national origin, or protected  
veteran status and will not be discriminated against on the basis of disability.*

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