Career Opportunities: 2022 University Graduate (U.S.) - Fire Protection Engineer (245299)

Requisition ID: 245299 - Posted 12/07/2021 - Engineering - Government Services

Link to Apply:
https://career4.successfactors.com/sfcareer/jobreqcareerpvt?jobId=245299&company=Bechtel&st=AEEFAF9A5DFBFAF34816CBBB24125AC8FC58785

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 multi-faceted 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 multi-disciplinary 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 position is in Reston, Virginia and is for a Fire Protection Engineer who will work on various projects as part of the NS&E Engineering Services Team. The projects that will be assigned involve government work throughout various sectors, including DoD and DoE.

Typical Activities of the Fire Protection Engineering Team
- Selecting and specifying equipment
- Preparing detailed system piping and instrumentation diagrams
- Performing system and equipment sizing calculations
- Establishing facility design requirements and developing the system safety basis
- Providing consulting and code interpretations to interfacing disciplines
- Supporting the development and/or maintenance of fire hazards analyses or fire protection design analyses
- Reviewing 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 job sites
- Must be US citizen
- 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
- Experience with fire modeling using CFAST
- Knowledge of life safety and building codes, including NFPA, UL, and FM standards
- STIPE certification in Fire Protection Engineering
- Completed relevant coursework with a strong GPA
- Prior co-op or internship experience
- Excellent written and oral communication skills

Bechtel is one of the most respected global engineering, construction, and project management companies. Together with our customers, we deliver landmark projects that foster long-term progress and economic growth. Since 1898, we’ve completed more than 25,000 extraordinary projects across 196 countries on all seven continents. We operate through four global businesses: Infrastructure; Nuclear, Security & Environmental; Energy; and Mining & Metals. Our company and our culture are built on more than a century of leadership and a relentless adherence to our values, the core of which are safety, quality, ethics, and integrity. These values are what we believe, what we expect, what we deliver, and what we live.

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Should you have any questions, please contact college@bechtel.com.