

Fire Protection Lead Engineer - Federal – Hybrid - United States

At Black & Veatch, our employee-owners go beyond the project. For over a century, we have been breaking down social, economic and geographic barriers by making life's critical resources accessible to all. Working with us, you will help provide critical expertise as we, along with our valued clients, deliver solutions that positively impact communities around the world. Our professionals are our greatest asset, and we believe nothing is more important than the health, happiness and professional growth of our employee-owners. With a focus on flexible work-life balance options, an expanding and diverse workforce, and limitless career growth opportunities, we will give you our best to help you give us your best, and together we can build a world of difference.

Divisional Statement

The Black & Veatch Special Projects Corp. has its mission to provide a full range of services to our primary client base - U.S. Government agencies and departments. With the unique skill sets we have developed during the 100-plus years of service to our U.S. Government agencies client base, we are able to provide one-of-a-kind solutions to complex mission objectives that arise out of specific challenges faced by and unique to these agencies. Our primary areas of focus are: Architecture/Engineering (A/E) Services, Defense Program, Design/Build, Classified, and Environmental.

Job Summary

The fire protection engineer is responsible for the successful execution of fire protection design on Federal government projects for both general AE projects and critical facilities. Projects can be design-build or design-bid-build and new or renovation. Utilizes knowledge and skill set to review, analyze, and provide solutions for fire suppression, fire detection, life safety, and alarm and mass notification systems. Collaborates with other disciplines and clients to provide coordinated construction documents.

Key Responsibilities

- Read and interpret construction documents, including drawings, specifications and contracts. Interpret and apply applicable NFPA Standards to the design/layout based on building type, hazard classification, architectural characteristics, etc.
- Develop construction documents for fire suppression and alarm systems on new and existing facilities ensuring project compliance with applicable codes and standards.
- Manage design teams to meet scope, schedule, budget and quality on complex government projects
- Perform technical reviews of complex design documents including building construction, fire detection/alarm, fire suppression, standpipe, fire alarm, smoke control, water storage/distribution and alternative fire suppression systems to ensure that they conform to the applicable regulations, standards, and codes.
- Review contractor shop drawings and submittals
- Actively coordinate with all other internal/external team members on projects
- Work with the Authority Having Jurisdiction, team, contractors and owners to create a safe working environment for the occupants while still completing the mission.

- Perform field investigations of completed design to verify accuracy of design and perform/witness acceptance testing/commissioning
- Provide presentations and training at events concerning updates to codes and regulations.

Management Responsibilities Preferred Qualifications

Assigned to projects for U.S. Government Agency/Department clients. Candidate must be a U.S. Citizen.

- Bachelor's degree in Mechanical, Architectural, or Fire Protection Engineering from an accredited program.
- Responsible and self-motivated with ability to manage multiple projects at the same time
- Good interpersonal and communication skills
- US citizen
- Must be able to complete the following: criminal/civil background check, drug screen, and motor vehicle records search, in compliance with any applicable laws and regulations.

Preferred design experience related to any of the following subject matters:

- Federal industry experience
- Familiarity with the Unified Facilities Criteria
- European Code experience
- Design Build Experience
- Fire / smoke modeling
- Fire protection degree
- Knowledge of REVIT / AutoCAD / Autodesk products

Preferred Certifications

- Fire Protection Engineer License

Minimum Qualifications

Requires a bachelor's degree in engineering from either a recognized accredited program in their home country or the country in which the professional is practicing. All applicants must be able to complete pre-employment onboarding requirements (if selected) which may include any/all of the following: criminal/civil background check, drug screen, and motor vehicle records search, in compliance with any applicable laws and regulations.

Certifications

Most positions - depending on the nature of work performed as defined by the division - will typically require incumbents to have professional registration or licensure in their designated home office country, or be in active pursuit* of such registration

Work Environment/Physical Demands

Typical Office environment. Physical Demands: Sitting, talking, grasping, hearing, keyboard input, driving, seeing, writing, reaching, stooping, crouching, walking, standing for extended periods of time.

Competencies

- Collaborates
- Communicates effectively
- Courage
- Directs work
- Instills trust
- Interpersonal savvy
- Organizational savvy
- Customer focus
- Decision quality

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Black & Veatch is committed to being an employer of choice by creating a valuable work experience that keeps our people engaged, productive, safe and healthy.

Our comprehensive benefits portfolio is a key component of this commitment and offers an array of health care benefits including but not limited to medical, dental and vision insurances along with disability and a robust wellness program.

To support a healthy work-life balance, we offer flexible work schedules, paid vacation and holiday time, sick time, and dependent sick time.

A variety of additional benefits are available to our professionals, including a company-matched 401k plan, adoption reimbursement, tuition reimbursement, vendor discounts, an employment referral program, AD&D insurance, pre-taxed accounts, voluntary legal plan and the B&V Credit Union. Professionals may also be eligible for a performance-based bonus program.

We are proud to be a 100 percent ESOP-owned company. As employee-owners, our professionals are empowered to drive not only their personal growth, but the company's long-term achievements - and they share in the financial rewards of the success through stock ownership.

By valuing diverse voices and perspectives, we cultivate an authentically inclusive environment for professionals and are able to provide innovative and effective solutions for clients.

Black & Veatch Holding Company, its subsidiaries and its affiliated companies, complies with all Equal Employment Opportunity (EEO) affirmative action laws and regulations. Black & Veatch does not discriminate on the basis of age, race, religion, color, sex, national origin, marital status, genetic information, sexual orientation, gender identity and expression, disability, veteran status, pregnancy status or other status protected by law.

For our EEO Policy Statement, please click [here](#). If you'd like more information on your EEO rights under the law, please click [here](#) and [here](#).