



# Fire Protection Engineer

Indian Head, MD / Alexandria, VA / Arlington, VA / Washington, DC

Consulting Services - Engineering And Science / Full Time / On-Site

ERG is a research and consulting firm that provides a wide range of support to federal, state, and commercial clients. ERG offers multidisciplinary teams with nationally recognized skills in engineering, science, economics, public health, informational technology, and communications. We hire people with the best minds and then provide them with a vibrant and flexible environment in which to develop their careers. The qualified individual must be highly motivated with the skills to prioritize, perform, and communicate effectively in a fast-paced environment.

ERG is seeking engineers with experience designing fire protection systems (FPS) and analyzing existing or planned FPS for high-hazard areas, such as chemical processing or explosives storage facilities. The position is located at a federal site in Indian Head, Maryland. It will involve working closely with program/construction management teams to support the full life cycle of projects from initial concept design through project completion and commissioning.

This position will be full-time at the federal site in Indian Head, MD, and will include interaction and support from ERG personnel at the federal site, as well as from ERG's Chantilly and Arlington offices. Indian Head is approximately 30 miles from Washington, DC, 25 miles from Alexandria, VA, and 60 miles from Fredericksburg, VA. Alternative work schedules may be considered.

## Job Description:

- Design FPS supporting construction, renovation, and modernization efforts in accordance with federal and local requirements and industry codes, standards, and guidelines. Review, evaluate, and critique FPS designs working closely with architect and engineering (A/E) firms
- Analyze existing or planned facilities to identify FPS requirements associated with current or planned use
- Conduct site visits to document existing conditions of FPS, develop new requirements based on planned use, and create preliminary scopes and cost estimates for projects to improve the FPS
- Perform fire protection design reviews for facility improvement projects provided by third-party design firms
- Develop or review test plans for new or modified FPS. Assist with planning/scheduling testing. Prepare technical memoranda/reports to document compliance with the design scope
- Identify and work to proactively resolve any compliance issues

### **Qualifications and Skills:**

- Bachelor's degree in engineering (minimum GPA of 3.0)
- At least 4 years of relevant experience and a degree in fire protection engineering, or at least 5 years of relevant experience and a degree in another engineering discipline
- Professional Engineering license (PE) in Fire Protection Engineering. Demonstrated experience with NFPA 1, NFPA 101, NFPA 13, NFPA 15, NFPA 30, and NFPA 72
- Demonstrated ability to collaborate/communicate effectively with internal/external stakeholders
- Excellent verbal/written communication, problem-solving, conflict resolution, and decision-making skills
- Experience designing fire alarm systems and sprinkler systems and developing FPS drawings and specifications
- Experience with DoD fire protection requirements, such as NAVSEA OP-5 and UFC 3-600-01 preferred

- Experience with ultra-violet/infrared (UV/IR) detection technologies and ultra-high-speed FPS preferred
- Must currently hold or be able to obtain a Department of Defense Secret-level security clearance; Must be a U.S. citizen as this position is not eligible for Limited Access Authorizations

\$100,000 - \$150,000 a year

ERG offers competitive salaries and excellent benefits, including health and dental insurance, life insurance, long-term disability, educational benefits, FSAs, a generous 401k plan, profit sharing, an EAP, 11-20 paid vacation days per year, 10 paid holidays per year, 56 hours or more of sick leave (based on the state you work in) per year (pro-rated for part-time) and more. The salary range for all positions depends on the years and type of experience.

ERG is an equal opportunity employer and complies with all applicable EEOC and affirmative action regulations. All qualified applicants will receive consideration for employment without regard to age, race, color, religion, sex, sexual orientation, gender identity, national origin, disability, or status as a protected veteran. As such, successful candidates must be committed to working with diverse and inclusive teams.

Please be aware, the only authentic corporate domain for ERG is <https://www.erg.com>. ERG may, on occasion, screen applicants via telephone or video interviews via Skype, Teams, GoToMeeting, or another type of video platform. However, any candidate extended a job offer might be asked to meet in person with an ERG employee before providing confidential personal information associated with new employment.

If you're a qualified individual with a disability or a disabled veteran, you have the right to request a reasonable accommodation if you are unable or limited in your ability to use or access ERG's online application process as a result of your disability. To request accommodation, please contact Human Resources via email at [Resumes-Lex@erg.com](mailto:Resumes-Lex@erg.com) or call (781) 674-7293.

As ERG is a friendly, flexible, inclusive environment and has clients who are committed to making the world a better place, ERGers are incredibly dedicated. We promote and recognize principles

of fairness, equity, and social justice in the work we do, the partnerships we foster, and the culture we value both within and outside of our organization.

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