

At Arup, we are dedicated to shaping a better world. For more than 70 years, we have helped bring to life groundbreaking projects across the globe, from the Sydney Opera House to the Beijing Bird's Nest. We believe that great design comes out of a commitment to quality, creativity, and intensive cross-disciplinary collaboration. Arup is a global engineering and consulting firm of 14,000 creative minds. Arup's culture looks a lot like the future: globally-linked, locally-focused, and radically creative. We are searching for those rare individuals who are as smart and forward-thinking as they are bold. If this sounds like you read on.

Our Washington D.C. office is seeking a Fire Protection Engineer to play an active role in the continued development of Arup's fire protection engineering practice in the DC metro region and the Americas.

The role will include working closely with many of the world's leading architects and building owners developing code solutions, innovative performance based design solutions and consulting on a wide range of commercial, government and institutional projects.

You will be working with a creative, innovative, and self-motivated team of fire safety consultants in D.C., the Americas Region and across other Arup regions. The successful candidate will complement our fire protection engineers by developing and leading the engineering services on our projects, managing their own projects and junior engineers being supported by the wider team as necessary.

The role will involve interactive and collaborative working with our engineers and multi-disciplinary colleagues. The projects will be diverse, exciting and range from conceptual fire strategy development through to handing over landmark projects in the built environment.

## **Qualified professionals will have:**

- Bachelors or Master's degree in Fire Protection Engineering or related field
- A minimum of 4 years of professional working experience in Fire Protection
- EIT or P.E. license in fire protection engineering is desired.
- Candidate must possess good communication skills essential for team-based working, excellent planning and organization skills required for our fast-paced environment, and must be highly motivated, proactive and willing to take on new challenges.

## **Your responsibilities will involve:**

- Provide fire protection consulting engineering services to a variety of potential clients, including but not limited to architects, developers, owners, government and insurers.
- Experience in code consulting and experience with ICC (IBC, IFB, IMC).
- Experience in design of suppression and detection systems including calculation software and Revit.
- Knowledge of developing performance based strategies and/or code alternates, utilizing fire engineering, including experience in calculations and modeling for fire hazards.
- Experience in presenting design approaches to code officials.

- Be able to manage multiple projects immediately, project planning, staffing, budgeting, monitoring and successful project delivery.
- Responsible for project management of multiple projects to ensure successful delivery on time and budget.
- Developing client relationships, pursuing new business opportunities and experience developing proposals.
- Contributing to our research and development activities.

Arup offers an excellent benefits package including healthcare, 401k match of 10%, Paid Time Off (PTO) and bonus compensation in the form of Profit Share.

Arup is an equal opportunity employer committed to a diverse and inclusive work environment where our people are encouraged to thrive.