Excellence Leaves a Lasting Impression

Bring Your Vision to shape a better world.

At Arup, our innovative spirit compels us to express our ingenuity in unique ways — developing many of the world's most innovative and sustainable buildings, transport and civil engineering projects. Arup is a global engineering and consulting firm of 12,000 creative minds. Our integrated approach to engineering and design brings together the best professionals to meet our client's needs.

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 a Bachelors or Master's degree in Fire Protection Engineering or related field and a minimum working experience of 3 to 5 years. 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, IFC, IMC).
- Knowledge and/or design skills in suppression and detection.
- Experience in 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.

• Working knowledge of relevant software, including Office suite of software, FDS, Autocad / Revit.

Share your passion and experience in a global culture that believes your potential to achieve is endless. This is your opportunity to shine.

Arup is proud to be an equal opportunity employer.

Apply: