NYC Fire Engineer

Arup is a global (employee-owned) firm of designers, engineers, planners, and consultants, who regularly come together to devise solutions that benefit not just our clients, but also shape a better world. Arup’s culture looks a lot like the future: globally linked, locally focused, and radically innovative.

Our New York office is seeking a Fire Protection Engineer to play an active role in the continued growth and delivery of Arup’s fire protection engineering practice in the Americas. This role can also be based out of our Washington, D.C. or Boston, MA office locations.

This position will work closely with leading architects/engineers, process designers, end-users and building developers/owners, and will provide innovative, facility-specific, and performance-based solutions for a wide range of projects spanning commercial, property, healthcare, government, and institutional sectors. The successful candidate will complement our fire protection engineers by developing and leading the engineering services on our projects, managing their own projects and mentoring colleagues.

You will be working with a creative, innovative, and self-motivated team in the Americas Region. The America's fire and life safety team forms an integral part of the global fire engineering team which spans 20 offices around the world. The role will involve interactive and collaborative working with our fire engineers and multi-disciplinary colleagues. The projects will be diverse, exciting and range from conceptual fire strategy development to delivery of 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 5 years of professional working experience in Fire Protection.
- 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.
- Strong presentation skills and ability to convey technical findings and solutions to owners, user groups and design teams.
- Working knowledge of relevant software, including Office suite of software, FDS, AutoCAD / Revit is desired.

Your responsibilities will involve:

- Provide fire protection and life safety consulting engineering services to a variety of potential clients, including but not limited to architects, developers, owners, government, and insurers.
- Development of comprehensive fire and life safety strategies.
- Code consulting and experience with ICC (IBC, IFC, IMC) and NFPA Standards.
- Suppression, detection and/or smoke control strategy/design development.
- Developing performance-based strategies and/or code alternates, utilizing fire engineering, including fire dynamics calculations and modeling for fire hazards.
- Presenting design approaches to code officials.
- Managing multiple projects, project planning, staffing, budgeting, monitoring and successful project delivery.
- Developing client relationships, pursuing new business opportunities and experience developing proposals.
- Contributing to our research and development activities.
Benefits that Work
At Arup, we have a comprehensive and valuable benefits program that works for our employees and their families while keeping costs low. These benefits provide health and welfare security for you as well as paid time off for rest and renewal. Our Global Profit Share Plan (paid bi-annually) provides an opportunity for you to share in the success of the Firm. As a valued employee of Arup, you can also choose to participate in our 401(k) plan with up to 10% company match to help you save for your future.

Flexible Working
We believe that flexible arrangements create a more inclusive way of working that supports our diversity and the wellbeing of our people. Options include alternative schedules, part-time or reduced hours schedule, and/or the option to work remotely for a portion of your workweek.

Arup is an equal opportunity employer committed to a diverse and inclusive work environment where our people are encouraged to grow. EOE including disability/veteran. Individuals with disabilities are provided reasonable accommodation.

Should you require accommodation in the job application or interview process, please let us know by sending an email to americas@arup.com.

Link to apply:
https://jobs.arup.com/jobs/fire-engineer-8005