

Vacancies >

Senior Fire Protection Engineer

Fire Protection Engineering at Buro Happold has developed significantly and we now have fire engineers located across the US, with additional capabilities in the UK and the Middle East. A combination of international experience and local knowledge enables our engineers to respond quickly to project demands and to fully understand the complexities of working in local markets with the latest industry innovations.



Here at Buro Happold, expect the exceptional.

From the projects you will work on to the clients we work with. From career-defining opportunities to an inclusive and diverse practice where we all contribute to a more equitable world. From our reputation to our relationships. Wherever your Buro Happold career takes you, it'll be anything but ordinary.

What will I be doing?

Naturally the role of a Senior Fire Protection Engineer can be very varied, but this role will ask you to:

Senior Fire Protection Engineer

Salary

\$90000 - \$125000

Annual

Job Reference

burohappold/TP/893/296

Contract Type

Permanent

Closing Date

No Expiry Date

Job Category

Engineering and Design

Discipline

MEP - Public Health

Location

Boston, New York, Washington D.C., United States

15 August, 2024



- Work with clients and other Engineers to project manage a variety fire protection engineering projects. You will be informing and supporting the building design aspirations, functionality and architectural form throughout the design process focusing on the design of fire suppression and fire alarm systems.
- Set a strong example of client care and general consultancy on both small- and large-scale projects and support your team of Engineers and Graduates to do the same.
- Maintain responsibility for the financial performance of your projects, ensuring timely delivery of high-quality design.
- Represent Buro Happold Fire Protection Engineering at design team meetings, both internal and externally as well as liaising with approval authorities on fire safety designs and proposals
- Identify and specify appropriate fixed fire protection systems, i.e. automatic fire detection and/or suppression to support fire engineering design solutions.
- Carry out and review fire engineering calculations including smoke modelling and evacuation analysis from simple hand calculations to complex 3D computational modelling (previous CFD experience is welcome but not essential).
- Identify design related issues and propose solutions as appropriate. Be aware when assistance is necessary and seek support from experienced members of the team when appropriate.
- Manage relationships with internal and external clients, Engineers and other stakeholders. Utilizing opportunities to further work and win new commissions.
- Share knowledge both within the fire engineering team and on a wider basis.

More about you

As an experienced Senior Fire Protection Engineering professional, we would expect that you will be able to demonstrate:

- Expertise in delivering fire protection engineering solutions in a multi-disciplinary environment with solid experience in developing fire suppression and fire alarm systems, undertaking engineering analysis and applying performance based designs
- 7+ years of relevant experience

- Excellent consultancy skills; good communication abilities and the experience to traverse complex situations, negotiation and understanding the differing needs of our clients and within stakeholder groups.
- Confident, proactive character, with a track record or the ability to taking the lead in challenging situations.
- The ability of identify, develop and grow profitable commercial relationships with a variety of clients
- Capability of working autonomously alone or as part of a larger team on multiple projects with other professional engineers
- An aptitude for problem solving
- Licensed FPE preferred
- Willingness to travel

What we offer:

- Salary range of \$90,000 to \$125,000. This will be determined based on factors such as geographic location, skills, education, and/or experience
- Generous benefits package
- Annual discretionary bonus
- Generous PTO (4-5 weeks depending on position) in addition to 10 paid holidays
- 401k with company match
- Hybrid working & summer hours
- Reimbursement for certain professional licenses and associated renewals and exam fees
- Connection to global network of experts on the forefront of industry initiatives
- Access to wide ranging learning and development opportunities
- Be a part of supporting our diverse company culture through open engagement with our Young Employees Forum, Diversity and Inclusion Forum, Buro Happold Women's Network, and/or our Black at Buro Happold Employee Resource Groups

A place for everyone

Buro Happold values an individual's flexible approaches to working patterns as an important part of how you work and achieve balance. We welcome applications from those who are seeking flexibility in their careers.

Our exceptional portfolio of projects is the result of the diversity of thought, identities, backgrounds, and experiences that shape us. Appreciating each other's differences is key, we want employees to feel they don't have to mask elements of their identity to thrive.

We are working to change the lack of representation of marginalised groups in the built environment. We are particularly keen to hear from anyone who feels they are underrepresented in the industry. We have much to learn from one another. Embracing differences allows us to develop the most innovative and elegant solutions.

Please let us know if there are any adjustments we could make to the application process to make it easier and more comfortable for you. Contact recruitment@burohappold.com so we can work with you to support you throughout your application.

#LI-KS1 #LI-Hybrid