

Vacancies >

Plumbing & Fire Protection Graduate Engineer - Durham

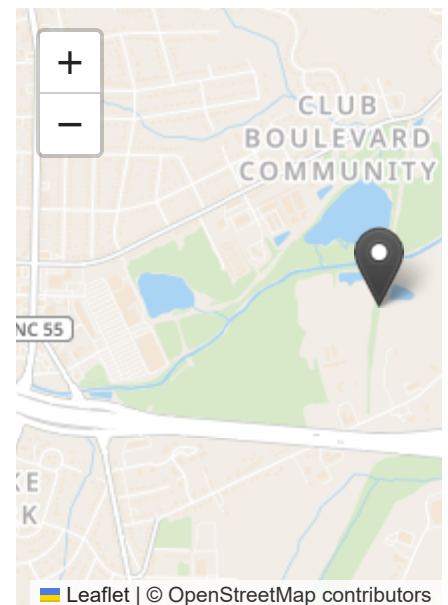
Start designing tomorrow's future!

Buro Happold has an exciting opportunity for a Graduate Plumbing/Fire Protection Engineer to join our inclusive and welcoming team in Durham. As a Graduate Plumbing/Fire Protection Engineer, you will collaborate with architects and other engineers to develop creative, energy-efficient buildings that provide aesthetic to their physical surroundings and utility to their occupants.



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.



Plumbing & Fire Protection Graduate Engineer - Durham

Salary
\$73000 - \$76000

Job Reference
burohappold/TP/5798/525

Contract Type
Permanent

Closing Date
No Expiry Date

Job Category

Early Careers

Your next role

- Join us and be surrounded by exceptional opportunities in an environment alive with innovation and possibility. Your new team has a willingness and curiosity to see possibility and potential in everything – from the most iconic projects to our everyday conversations
- We are looking for a passionate Plumbing/Fire Protection Engineer professional that can inspire and motivate at every level
- You'll be surrounded with intellectual and engineering challenges of the caliber and complexity that enquiring minds crave(s)
- This is the place to be a 21st century engineer/designer/adviser
- Buro Happold has a clear strategic plan, strong learning culture and entrepreneurial mindset that will allow you to thrive
- You'll be part of something bigger than us all where sustainability, equity, social and performance outcomes matter. All of Buro Happold is committed to doing the right thing, even when that's the hardest thing. This is a genuine opportunity to make impact - and leave real legacy

Discipline

Fire Engineering

Location

Durham, United States

23 September, 2024



[Learn more about our office locations](#)



Wellesley College Health Center- Wellesley, MA, USA

Your key duties

To give you an idea of how this role would look and feel, here are some of the things you could expect to do:

- Embrace the latest technologies to improve performance and sustainability
- Undertake detailed design across plumbing and fire protection, ground sanitary/waste and rainwater drainage systems, below-ground drainage, etc.
- Prepare technical drawings, schedules, and reports
- Ensure service and project work are carried out to an excellent standard within agreed deadlines and budget

Your skills and experience

- A Bachelor's or Master's degree in mechanical, civil, sanitary, environmental, or architectural engineering
- Coursework in mechanical design, heat transfer, thermodynamics, and fluid hydraulics/dynamics.
- Familiarity with BIM modelling software, such as Revit and AutoCAD
- Knowledge of IES software would be advantageous
- Interest and/or experience in visual programming (Dynamo, Grasshopper), coding (Python, C#), and/or open source coding projects
- Internship experience at an engineering related firm preferred, and proven interest in the built environment
- Ability to communicate thoughts and technical ideas in an accessible manner
- Eagerness to learn and work as part of a multidisciplinary team

[Learn more about Plumbing/Fire Protection Engineering](#)

at Buro Happold

What we offer

- Salary range of \$73,000 to \$76,000. 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 weeks) 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

Ready for something a little less ordinary?

Apply now to start your career journey with us.

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 marginalized 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-EK1 #LI-Hybrid