



# Graduate Fire Protection Engineer

BOSTON, MA, United States

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## JOB DESCRIPTION

**Help us build the future and we'll help you build a rewarding and purposeful career.**

Our global network is made up of architects, designers, planners, engineers, and environmental scientists all working towards the same goal.

Join a team that brings inspirational architecture, landscapes, townscapes and places to our world, and we'll provide you unlimited space to grow.

### **Who are we looking for?**

We are looking for a driven **Graduate Fire Protection Engineer** to join our Northeast Fire Protection & Life Safety team in **Burlington, MA!** This is a unique opportunity to work on a diverse portfolio of projects that span fire sprinkler systems, clean agent suppression, and fire detection and alarm system design.

In this role, you'll collaborate with experienced consultants and licensed engineers to deliver high-quality fire protection solutions. Your responsibilities will include building and fire code consulting, performance-based fire engineering design, and conducting thorough reviews of architectural and multi-discipline drawings for code compliance. You'll also develop contract documents, perform hydraulic calculations, and oversee on-site installations to ensure alignment with design specifications.

**Be part of the dynamic culture! Our workplace thrives on a hybrid model, combining in-office collaboration and flexibility. Join us in office, three days a week to contribute, connect and excel in our vibrant environment.**

**Working with an energetic and high performing team, this position offers a variety of work and will see you involved in:**

- **Recommendations:** Advise managers how to apply a wide variety of existing procedures and precedents.
- **Data Collection and Analysis:** Collate and analyze data using preset tools, methods, and formats. Involves working independently.
- **Improvement/Innovation:** Identify shortcomings in existing processes, systems, and procedures, and use established change management programs to address them.
- **Audit:** Work within established audit control systems to deliver specified outcomes or provide general support.
- **Knowledge Management System:** Help others get the most out of knowledge management systems by offering support and advice.
- **Business Requirements Identification:** Support collection of business requirements using a variety of methods, such as interviews, document analysis, and workflow analysis, to express requirements clearly and succinctly.
- **Feasibility Studies:** Contribute to and support feasibility studies from a technological and organizational perspective, and document findings.
- **Contract Management:** Deliver required outcomes by coordinating activities of subcontractors and suppliers and acting as a primary point of contact for them while working within an established contract management plan.
- **Testing:** Use product specifications to design test procedures and standards.
- **Policy Development and Implementation:** Work within established procedures to achieve specified goals.
- **Product and Solution Development:** Carry out a range of product development and engineering activities. Use established systems to analyze customer needs and define and deliver products.
- **Project Management:** Work within an established project management plan to achieve specific goals.
- **Client & Customer Management (External):** Help senior colleagues manage client and customer relationships by using relevant sales or client systems.

**What you'll bring to the team:**

- Bachelor's and/or Master's degree in Fire Protection Engineering (preferred) or Mechanical Engineering
- Engineering-in-Training (EIT) certification is preferred

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- Familiarity with National Fire Protection Association (NFPA) Standards, including Life Safety Code Requirements for both new construction and modifications to existing buildings
- Exposure to the application of fire modeling (i.e. FDS, CONTAM, Pathfinder, CFAST, etc.)
- AutoCAD and/or REVIT design capability and experience a plus

#LI-IP1

As a multicultural organization, we encourage individual achievement and recognize the strength of a diverse workforce. GHD is an equal opportunity employer. We provide equal employment opportunities to all qualified employees and applicants without regard to race, color, religion, genetic information, national origin, sex (including same sex), sexual orientation, gender identity, pregnancy, childbirth, or related medical conditions, age, disability or handicap, citizenship status, service member status, or any other category protected by federal, state, or local law.

## ABOUT US

**Take on some of the world's toughest challenges - with GHD supporting you every step of the way.**

We'll give you control over your career, empower you to find innovative solutions and help you create a lasting impact.

See where your commitment could take you with GHD.

### **Our Pledge to You**

At GHD, we don't just believe in the power of commitment, we live and breathe it every day.

That's why we pledge to empower our people to make a positive impact. Combining our deep technical expertise with the capabilities of our clients and partners, we respond to some of the most complex challenges facing our planet today.

See where your commitment could take you.

That's the **#PowerOfCommitment**

### **Who we are**

GHD is a global professional services company that leads through engineering, architecture, and construction expertise. We are an employee-owned company with over 11,000 diverse and skilled individuals, across more than 200 offices spanning five continents.

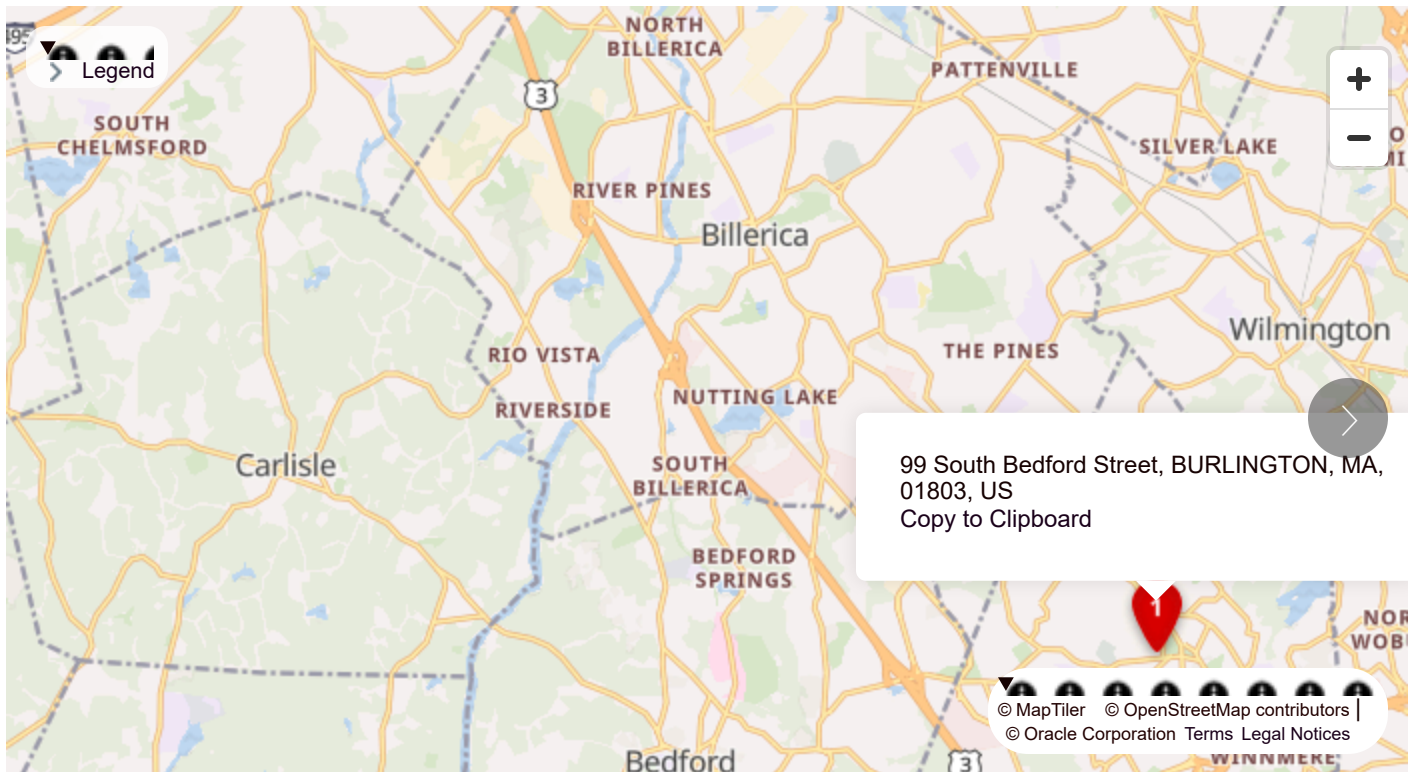
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The Power of Commitment is our brand promise. It's what makes us different. We are bound to our stated vision and determination to address humanity's most urgent needs: to make water, energy and urbanisation sustainable for generations to come.

APPLY NOW

### JOB INFO

Job Identification	24093
Job Category	Engineering
Posting Date	06/02/2026, 03:19 PM
Locations	📍 99 South Bedford Street, BURLINGTON, MA, 01803, US



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