



PLUMBING / FIRE PROTECTION ENGINEER II

Derive Engineers is a multidisciplinary consulting engineering firm of skilled, and passionate people based in New York, New York. The Derive team seeks to balance the rational pursuit of the engineering solution with the openness to serendipitous opportunity in support of the best design solution for our clients. Our firm's collaborative design process focuses us on projects in the cultural, higher education, commercial / institutional and master planning sectors across the country and the world.

We are looking for an open-minded [Plumbing / Fire Protection Engineer](#) to join this pursuit of engineering excellence within the built environment. Together we engineer the design journey.

This role includes the following [responsibilities](#):

- Design of plumbing and fire protection systems under the guidance of a professional engineer including: domestic hot & cold water, drainage, natural gas systems and various types of fire protection systems.
- Perform system design calculations and analyze plumbing and fire protection system options with industry standard engineering and hydraulic calculation software.
- Familiarity with relative building codes and standards.
- Work closely with Senior Plumbing / Fire Protection Engineer and project Principal to prepare design documents including plumbing and fire protection systems in basis of design report, drawing (AutoCAD and Revit) and specification.
- Coordinate work with architect and engineers of other disciplines.
- Manage personal tasks for technical accuracy and timely delivery for day to day liaison with Senior Plumbing / Fire Protection Engineer and project team.

The qualified candidate will have the following [experiences](#):

- Bachelor's Degree in Mechanical/Fire Protection Engineering with a sound knowledge of plumbing / fire protection engineering fundamentals.
- Minimum of 2 years of experience with proven interest in the field of building design.
- Passed Fundamentals of Engineering (FE) exam with intent to become a Professional Engineer.
- LEED and/or Well accredited professional is preferred.

A successful candidate will display the following [traits](#):

- Self-motivated and enjoy collaborative problem solving.
- Good planning, organizational and communications skills.
- Interested in learning and developing a career with Derive Engineers.
- Interests in sustainable and innovative approach to design.

Derive Engineers understand that through collaboration, diverse people with different experiences develop the most innovative and elegant solutions. We actively promote inclusivity across the company to enable every individual to reach their full potential. This begins with a fair and inclusive recruitment process which focuses on skills, competencies and experiences in relation to the role. Derive Engineers is an equal opportunity employer and offers a competitive benefits package and the opportunity to prosper within a growing organization.