

DERIVE

SENIOR PLUMBING / FIRE PROTECTION ENGINEER

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 architectural and development 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. The firm was founded in 2017 to create a collaborative studio of idea sharing and design to help solve society's challenges within our buildings, neighborhoods and cities.

We are looking for an open-minded [Senior 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](#):

- Perform system design calculations and analyze plumbing and fire protection system options with industry-standard engineering and hydraulic calculation software.
- Design of plumbing and fire protection systems including: domestic hot & cold water, drainage, natural gas systems and various types of fire protection systems.
- Knowledgeable with all relative building codes and standards.
- Prepare design documents to detail the plumbing and fire protection systems in basis of design report, drawing (AutoCAD and Revit) and specification formats.
- Review design deliverable assurance of technical accuracy and presentation quality.
- Coordinate work with architect and engineers of other disciplines.
- Manage projects for timely technical delivery and day to day liaison with design and client team.
- Mentor junior engineers within team to develop their careers and design standards.

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 4 years of experience with proven interest in the field of building design.
- Licensed Professional Engineer (PE) and LEED accredited professional is preferred.
- Experience in surveying and recording of existing plumbing and fire protection systems.
- Track record of sustainable and innovative approach to design.

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

- Self-motivated and enjoy collaborative problem solving.
- Good planning, organizational and communications skills.
- Interest in cultivating and mentoring younger members of the team.
- Awareness of commercial opportunity and project finances.

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 & offers a competitive exceptional benefits package and the opportunity to prosper within a growing organization.