

Description

As a part of the Fire Protection Engineering team, the Fire Protection EIT II supports the Fire Protection Engineer, other Engineers and Architects with life safety, fire suppression and fire alarm systems design and code analysis in all project phases. We are seeking a **Fire Protection EIT II** to join either our **Philadelphia, PA** or **Berwyn, PA** offices.

Essential Functions

- Prepare Code Studies for complex projects and support Project Architect (PA) performed Code Studies for other projects.
- Prepare Life Safety Plans and support Project Architect (PA) performed Life Safety Plans for other projects.
- Prepare Fire Suppression and Fire Alarm contract documents for complex projects under the direction of the Fire Protection Engineer.
- Assist with code reviews.
- Assist in site water supply analysis.
- Assist with project Smoke Control system design from CFD fire modeling through system acceptance and commissioning
- Assist Project Architect with egress, construction types, barrier selection and other building attributes.
- Integrate fire protection systems with architectural and engineering disciplines.
- Sprinkler and Fire Alarm system shop drawing review.
- Perform other duties as requested or required.

Requirements

Required Education and Experience

- Bachelor of Science in Fire Protection Engineering or Architectural Engineering
- 2 years minimum experience
- Experience in analysis and/or design of building fire safety systems
- Demonstrated knowledge and design skills in suppression and detection.
- Working knowledge of relevant software, including Microsoft Office Suite, FDS, Autocad/Revit.
- Experience with ICC (IBC, IFB) model building codes and NFPA 13, 72, etc.
- Sprinkler design experience

Benefits of Working at EwingCole

Immediate responsibilities on large and complex projects including new professional sports stadia, National Museums for Smithsonian Institution and everything in between. Exposure and opportunities on all facets of FPE and in every phase of design. Generous paid time off, 401(k) plan with company match, tuition reimbursement, flexible/hybrid work options, paid parental leave, excellent insurance offerings including medical, dental, vision, accident, critical illness, hospital indemnity, identity protection and more.

Apply here: <https://recruiting.paylocity.com/Recruiting/Jobs/Apply/1901247>