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Fire Protection Engineer in Training 1

Philadelphia, PA (<http://maps.google.com/maps?q=100+North+6th+Street+Philadelphia+PA+USA+19106>) • Fire Protection

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Job Type

Full-time

Description

EwingCole is a nationally recognized architecture, engineering, interior design and planning firm with offices across the country. Our multi-disciplinary practice is built on the core values of professional excellence, design quality and collaboration. We are looking for an **Fire Protection Engineer in Training 1** to join our team in our **Philadelphia** office.

The Fire Protection EIT I supports the Fire Protection Engineer, other Project Engineers and Architects for life safety, fire protection systems design and code analysis.

Essential Functions

- Support Project Architect (PA) with Code Studies and prepare Life Safety Plans.
- Prepare Fire Suppression and Fire Alarm contract documents for complex projects under the direction of the Fire Protection Engineer.
- Assist with code reviews.
- Assist Project Architect with egress, construction types, barrier selection and other building attributes.
- Sprinkler and Fire Alarm system shop drawing review.
- Perform other duties as requested or required.

Requirements

- Bachelor of Science in Fire Protection Engineering, Bachelor of Science in Architectural Engineering
- 0 – 3 years of relevant experience
- Experience in analysis and/or design of building fire safety systems
- Demonstrated knowledge and design skills in suppression and detection
- Experience with ICC (IBC, IFB) model building codes and NFPA 13, 72, etc.
- Demonstrated knowledge of and/or experience with Building and Fire Codes
- Prior use of CFD and Egress modeling (FDS, PyroSim, Pathfinder)
- Smoke control design experience
- Structural fire analysis experience
- Technical knowledge and application
- Working knowledge of relevant software, including Microsoft Office Suite, FDS, Autocad/Revit
- Computer analysis skills

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Benefits of Working at EwingCole

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.

EwingCole will not be accepting outside recruitment assistance on this position including from agencies with a written agreement in place. Any staffing/employment agency, person or entity that submits a resume to EwingCole does so with the understanding that the applicant's resume will become the property of EwingCole. EwingCole will have the right to hire that applicant at its discretion and without any fee owed to the submitting staffing/employment agency, person or entity.

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