Sr. Fire Life Safety Designer/Engineer (Fire Protection)
New York, NY
- New York, NY

Description
We are seeking a Senior Fire-Life Safety Designer/Engineer for our Greater New York City office! The Senior Fire Life Safety Designer/Engineer will be engaged in the design, analysis, evaluation, inspection, testing, and maintenance of fire and life safety systems. Will provide Fire Life Safety design services, coordination and oversight for Arora at the NYC office of key clients.

Essential Functions:
▪ Discuss the project scope, schedule, phasing, staging, specific site issues, and pertinent code issues.
▪ Provides technically accurate, complete construction documents to the client that adheres to all code requirements, company specifications and the engineering standards of practice.
▪ Provides conceptual, working, and detailed design of fire/life safety systems for new and existing facilities.
▪ Performs site surveys, submittal reviews, inspections, responds to RFIs, and generates punch lists.

Qualifications
Education/Experience Minimum: Associates Degree in Engineering Technology or Computer Aided Drafting and Design (CADD) with 5 years’ experience directly related to fire protection.

Preferred Education/Experience: Bachelor’s Degree in Fire Protection Engineering or Fire Protection Engineering Technology with 10 years’ experience in fire protection engineering related work.

Preferred Certifications: Engineering in Training (EIT) or Professional Engineer (PE); NICET Level III certification in Water Based System Layout; Certified Fire Protection Specialist (CFPS); Additional NICET Certification in Special Hazard Suppression Systems, Inspection, Testing and Maintenance of Water-Based Systems or Fire Alarm Systems.

Needed Skills:
▪ Detailed fire protection design knowledge as it applies to water based fire protection systems, including but not limited to, water supplies, sprinkler layout, standpipe design and system interfaces.
▪ Must be intimately familiar with NFPA 13 and 14, including differences between versions, recent updates, and the intent of the code.
▪ Knowledgeable in array of NFPA codes and standards, including, but not limited to: 20, 30, 72, 92, 101, 110, 130, 415, 502 and 2001.
▪ Familiar with model building codes and their fire protection requirements.
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▪ Proficient in AutoCAD 2008 or higher, proficient in Revit 2012 and knowledge of MS Office Suite
▪ Familiar with passive building fire protection, including fire rated construction, fire stopping, fire rated doors and windows.
▪ Has general knowledge of fire protection engineering, including suppression, fire detection, mass notification, hazard analysis, egress, code consulting, fire dynamics, smoke management, and egress systems.
▪ Candidate should be able to orally communicate complex design and technical ideas to other designers and engineers as well as people with a non-technical background.
▪ Candidate must possess excellent writing skills, capable of writing reports, letters, and facilitating effective internal and external communication.

ABOUT THE ORGANIZATION: ARORA ENGINEERS, INC. (ARORA) - Arora provides clients in the aviation, transportation, education, government, and commercial/institutional sectors with engineering services for intelligent infrastructure solutions. Through smart design, construction management, and facilities maintenance management, we rethink industry needs to help keep clients on the cutting edge and add value to a project. Arora is a growing firm that welcomes individuals with a thirst for knowledge and the energy to tackle projects that help take the infrastructure of our world to the next level.

EOE STATEMENT: Arora Engineers, Inc. including its subsidiaries are an equal employment opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, gender, national origin, disability status, protected veteran status or any other characteristic protected by law.