



# FIRE PROTECTION ENGINEER/DESIGNER

Ainsworth Associates Mechanical Engineers (AAME) is seeking a motivated and detail-oriented Fire Protection Engineer / Designer with at least two years of experience in Building System Design to join our growing engineering team. This position plays a key role in the design and coordination of fire protection systems for commercial, institutional, and public sector projects.

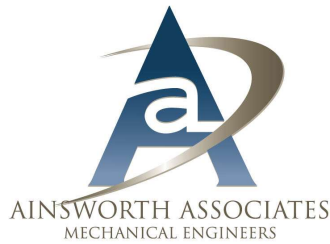
This position offers the opportunity to help shape our Northern Nevada community via commercial and institutional projects from concept through construction while working in a collaborative, quality-driven engineering environment. With nearly 75 years of successful practice, our firm offers stability, technical depth, and long-term career growth.

## About Us

Founded in 1952, AAME is a mechanical engineering firm with nearly 75 years of continuous service. AAME brings deep institutional knowledge and a proven record of delivering reliable, high-performance building systems. With a staff of 23 engineers and designers, the firm specializes in mechanical, plumbing, and fire protection engineering for civic, education, healthcare, aviation, commercial, hospitality, federal, and mission-critical facilities. Known for its collaborative approach and practical solutions, AAME designs systems that balance performance, constructability, energy efficiency, and long-term operational value. The firm remains committed to strengthening communities through thoughtful, durable engineering solutions.

## Responsibilities

- Develop fire protection system designs including wet-pipe, dry-pipe, pre-action, and standpipe systems
- Develop fire alarm system designs
- Perform site surveys and existing system assessments
- Perform hydraulic calculations and system sizing
- Prepare engineering reports and technical documentation
- Prepare construction drawings and specifications
- Coordinate with mechanical, plumbing, electrical, architectural, structural, and civil disciplines
- Review submittals, shop drawings, and respond to construction RFIs
- Participate in project meetings and site visits as needed
- Assist in code analysis and compliance with applicable standards (IBC, IFB, NFPA)
- Support project managers in delivering projects on schedule and within budget
- Participate in construction administration and site visits
- Assist with general project coordination and technical support



## Qualifications

- Bachelor of Science Degree in Mechanical Engineering or a related field
- NICET Certification, EI/EIT Certification, or Professional Engineer License is a plus but not required
- Minimum 2 years of experience in fire protection/fire alarm system design
- Working knowledge of AutoCAD and Revit preferred
- Desire to master the process of commercial building system design and applicable codes
- Ability to coordinate effectively within multi-disciplinary teams
- Strong written and verbal communication skills
- Ability to multi-task

## What We Offer

- Competitive salary based on experience
- Performance-based bonus structure
- Comprehensive benefits package (health, dental, vision)
- 401(k) with company contribution
- Alternate Work Schedule
- Paid time off and paid holidays
- Professional development and long-term growth opportunities
- A collaborative team culture focused on technical excellence and playing as hard as we work
- The stability of an established, nearly 75-year-old engineering firm

## Why Join Us?

We are a highly respected consulting engineering firm and the regional leader in technically complex mechanical system design. For nearly 75 years, clients have trusted us to solve challenging building system problems with precision, rigor, and long-term performance in mind.

Our work prioritizes efficiency, constructability, and durability, delivering solutions that stand the test of time. We hold ourselves to a high technical standard and value accountability, collaboration, and continuous professional growth.

If you are looking to join a firm known for engineering depth, problem-solving expertise, and a reputation built on decades of excellence, we would welcome the opportunity to speak with you.

Send your resume in confidence to [humanresources@aa-me.com](mailto:humanresources@aa-me.com)