

## **Fire Protection Associate (Entry Level)**

### **DESCRIPTION**

Michael Baker International is seeking an entry level Fire Protection Associate to join our team in the **Moon Township (Pittsburgh), PA or Denver, CO office.**

Under direct supervision, the Fire Protection Associate will assist the senior fire protection personnel with the planning, design and analysis of fire protection systems and perform life safety analysis for new and existing buildings. Types of systems include: fire sprinklers, fire pumps, high expansion foam, fire alarm and mass notification systems. Typical buildings and facilities include: office buildings, storage and warehouses, aircraft hangars, and maintenance facilities.

- Complete fire protection system designs, including sprinkler, fire pump, fire alarm, and mass notification systems
- Perform hydraulic calculations for sprinkler and fire pump design
- Analyze life safety requirements for buildings, including building code compliance, occupant load calculations and egress analysis
- Perform on-site system evaluations and assist with final system testing
- Summarize submittals and contractor Requests For Information (RFIs) for review
- Coordinate designs with other engineering disciplines

### **PROFESSIONAL REQUIREMENTS**

- Bachelor's Degree in Fire Protection Engineering, Mechanical Engineering or related field
- 0-2 years of professional experience
- EIT, or ability to obtain within 1 year;
- Knowledge of fire protection systems, including: fire sprinkler systems, fire pumps, clean agent systems, high expansion foam systems, fire alarm and mass notification systems
- Knowledge and/or experience of building and design codes, specifically IBC, NFPA 101, NFPA 13 and NFPA 72
- AutoCAD and/or Revit experience preferred

- Experience in the design of fire protection systems preferred

**COMPENSATION**

The salary range for this position is \$62,000-75,000. This will depend on the experience and expertise of the incoming candidate.

**BENEFITS**

We offer a comprehensive benefits package including:

- Medical, dental, vision insurance
- 401k Retirement Plan
- Health Savings Account (HSA)
- Flexible Spending Account (FSA)
- Life, AD&D, short-term, and long-term disability
- Professional and personal development
- Generous paid time off
- Commuter and wellness benefits

Apply online at:

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