

Project Engineer (Fire Protection)

Johnson, Mirmiran & Thompson is a dynamic, 100% employee-owned consulting firm of more than 1,500 professionals that provides a full range of multi-disciplined engineering, architecture, information technology, and related services to public agencies and private clients throughout the United States. JMT, currently ranked #64 on Engineering News-Record's list of the Top 500 Design Firms.

We are seeking a dynamic, innovative, and quality-oriented Fire Protection Engineer with a minimum of 5+ years of experience. The successful candidate will be comfortable consulting to internal and external clients. The Fire Protection Engineer will demonstrate excellent written and verbal communication skills, along with a high-level ability to manage multiple projects at one time.

Prime technical skills will include, but not limited to: automatic suppression system design; fire detection, alarm and communication system design; code analysis; fire resistant construction analysis; smoke control analysis; as well as general fire protection and life safety concepts and research.

Essential Functions and Responsibilities:

- Managing day-to-day contacts with internal and external clients utilizing experience and technology to meet expectations
- Attend and participate in local and national trade organizations, such as SFPE and NFPA
- Performing research and document for internal and external distribution
- Performing analysis of existing fire protection systems, as well as system inspections
- Designing new fire protection systems including suppression systems, fire detection, alarm and mass notification systems
- Performing computer based hydraulic calculations
- Performing building and fire code analysis and interpretation
- Preparation of life safety plans and code summaries
- Performing computer based fire modeling and familiarity with performance based design
- Writing smoke control rational analyses
- Plan, schedule, conduct or coordinate detailed phases of the engineering work in a part of a major project or in a total project of moderate scope
- Develop construction cost estimates
- Assist in the preparation of engineering documents for advertisement and construction
- Prepare and compile contract plans, specifications and estimates
- Manage project sub-consultants and in-house support disciplines
- Develop extra work order requests and open-end contract task proposals
- Prepare proposals as required

- Coordinate with internal team members to ensure project completion by the defined deadline and established quality

Required Skills:

- Possess computer skills necessary for daily activities, including email, word processing, spreadsheets, simple graphics, fire dynamic simulation, and a working knowledge of computer aided drafting
- Possess project management skills for managing internal projects as well as external client needs
- Effectively communicate, both written and verbal, including oral presentations
- Experience with current version of AutoCAD, Revit, and Bluebeam software

Required Experience:

- Bachelor's degree (B.S.) in engineering from an accredited college or university
- Professional Engineering (PE) license in fire protection engineering
- Minimum of five years of experience in the fire protection profession; Equivalent combination of experience and education considered

Working Conditions:

Work is performed within a general office environment 95% of the time. Work is generally sedentary in nature, but may require occasional standing and walking. Lighting and temperature are adequate and there are no hazardous or unpleasant conditions caused by noise, dust, etc. within the office environment.

Field work is required on occasion where work may be conducted outside in heat/cold, wet/humid, and dry/arid conditions. Some lifting (up to 25 lbs) may be required as needed.

Job Competencies:

- Attention-to-detail
- Analytical Thinking/Problem Solving
- Communication
- Job Proficiency
- Creativity and Innovation
- Customer Focus
- Dependability
- Job-Focused Learning
- Planning and Organizing/Time Management
- Results-oriented

*** Supervisory Competencies:** *If applicable*

- Coaching
- Collaboration
- Communication
- Conflict Management
- Delegation
- Motivating Others
- Managing Performance
- Global Sensitivity

Organizational Competencies:

- Building Relationships & Teamwork
- Integrity & Ethics
- Quality Service
- Safety

Equal Opportunity Employer M/F/Disability/Vet/Sexual Orientation/Gender Identity

Job Location:

Hunt Valley, Maryland, United States

Position Type:

Full-Time/Regular

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