



## Fire Protection Engineer/Consultant

The Fire Protection Consultant/Engineer provides fire protection engineering consultation services, support, and deliverables for Telgian clients as part of multi-discipline team. You will provide fire protection advice to construction and other architect/engineering personnel, advise on compliance with fire-related standards and codes, and prepare and comment on reports, design, concepts, or project packages detailing fire prevention, life safety and protection issues. Develop and assist with the delivery of technical and programmatic presentations to clients, including coordination and facilitation of meetings. Collaborate or confer with other personnel, including engineering, environmental, financial, real estate, and facilities, to meet client requirements.

### Your Opportunity

As a Fire Protection Engineer/Consultant you will work on a broad range of solutions-based projects for Telgian clients. More specifically you will:

- Establish criteria for the design of fire alarms, suppression and/or life safety systems based on client's environmental and regulatory compliance needs
- Review existing fire alarm, suppression and/or life safety systems for operational functionality, compliance and regulatory requirements; determines improvement recommendations
- Develop and deliver reports to clients on recommended updates to ensure compliance and /or operational functionality of fire, suppression and/or life safety systems
- Meet with jurisdictional authorities and clients as needed to resolve compliance questions around client fire, suppression and/or life safety systems
- Prepare for and attend appeals and hearings as required to support and/or resolve regulatory findings
- Perform modeling of fire, smoke, water distribution and other related variables for fire, suppression and/or life safety systems
- Identify and/or establish design criteria for specific systems applications; may include specific UL/FM test criteria and performance based tests as required
- Perform information and document gathering, and serves as Engineer of Record, on assigned projects working with design/consulting teams to meet the project requirements; signs/seals engineering documents as required
- Develop and provide evaluation and emergency response training
- Apply standard techniques, principles and criteria to perform assigned tasks.
- Maintain a working knowledge of relevant fire protection, risk, building codes and constructions technologies; identify trends and recommends proactive solutions to meet/exceed requirements.

## **Your Qualifications**

At Telgian, we are looking for high performing associates to help drive Telgian's mission to save lives and property in partnership with our customers. To achieve this, you will bring the following qualifications to the table:

- 4 years college degree (ie: Bachelors) or a combination of equivalent experience and certification, Engineering or related field, required
- Professional Engineer (PE) certification (or ability to obtain), preferred
- NICET certification, preferred
- Certified Fire Protection Specialist, preferred
- Ability to travel 50-75%
- 5 years field engineering/consulting experience in fire protection and/or architecture, preferred
- Working knowledge of Fire, Life Safety and Building Codes, NFPA Standards, and UL/FM standards
- Ability to apply broad knowledge of principles and practices in a specific area of practice.
- Ability to manage small project of limited complexity
- Ability to evaluate, select and apply standard techniques and procedures and criteria to perform a task.
- Demonstrated project management experience
- Working competency with MS Office & MS Project software
- Ability to perform basic calculations using egress, fire smoke and water modeling software.
- Demonstrated proficiency in verbal, written, presentation skills

## **Your Compensation and Benefits**

At Telgian, we are proud to offer a unique, professional work environment where we consider all of our associates to be part of our family. We provide a competitive salary, a comprehensive benefits package with market leading (low!) health-care costs, and a place to advance your career. More importantly as a values driven organization, at Telgian you will be treated with dignity while having fun in your work!

## **About Telgian Engineering & Consulting**

Telgian Engineering & Consulting (TEC), a strategic business unit of Telgian Corporation, is a full service global engineering and risk mitigation consultancy specializing in complex, multi-discipline public and private sector projects. TEC provides professional services related to the protection of people, property, information and organizational mission against preventable losses. TEC professional service offerings include emergency management / operations continuity, environmental / health / safety, fire protection engineering / life safety, risk management / loss control, security / compliance, and related engineering services / sustainable (LEED) design.

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