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Forensic Fire Protection Engineer

Regular Full Time
Remote, US

20 days ago
Requisition ID: 1026

POSITION SPECIFICATION

Position Forensic Fire Protection Engineer

Organization KFI Engineers (KFI)

Reporting Relationship Senior Fire Protection Project Manager

Website <http://www.kfi-eng.com/> (<http://www.kfi-eng.com/>)

COMPANY BACKGROUND

KFI Engineers is a recognized industry leader in facility infrastructure design and performance. Since 1996, our culture of collaboration and unique capabilities have allowed us to make a difference in the way infrastructure and processing projects are delivered.

Headquartered in St. Paul, MN, with eight regional offices and a team of over 250 professionals, we have a people-first culture that offers opportunities to continue your career with mentorship programs, career growth support, and continued education. With KFI, we find a way to provide creative solutions to unique projects while providing the same care we would expect if we were the client. For more information about KFI Engineers and our culture, please visit www.kfi-eng.com (<http://www.kfi-eng.com>).

POSITION OVERVIEW

The Forensic Fire Protection Engineer will report to the Senior Fire Protection Project Manager and work closely with our Senior Fire Protection Engineer. They will primarily be responsible for conducting loss investigations where a fire protection system, fire spread, or fire code issues are involved.

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The position will require the ability to perform a thorough examination of available evidence to determine the cause of a fire protection system failure, possibly the origin and cause of a fire, and factors contributing to the spread of fire, as well as evaluate the performance of fire protection systems during a fire event. The successful candidate will be able to develop opinions and conclusions based on NFPA 921, the Scientific Method, engineering principles, and sound engineering judgment backed by appropriate experience.

This position can be done remotely.

TYPICAL RESPONSIBILITIES

Specific responsibilities will include, but not be limited to, the following:

- Observation/Inspection of losses caused by fire or fire protection system failures.
- Collect and examine data at the site of a loss.
- Document evidence and other investigation findings
- Ability to photograph damage and evidence related to fires or losses.
- Provide system failure analyses.
- Research and write expert reports.
- Interview witnesses, property owners, and building occupants to obtain information during an investigation.
- Testify in court cases involving investigated losses.
- Additional duties as required.

KNOWLEDGE, SKILLS AND ABILITIES REQUIRED

- Highly motivated, professional demeanor with a “can do” attitude.
- Team-oriented and strong work ethic
- Proficient and accurate data entry skills necessary
- Ability to prioritize multiple tasks, shift focus if needed to assist other staff.
- Maintain a well-organized system to account for various information processed.
- Excellent written and oral communication.
- Strong attention to detail
- Competency in Microsoft applications including Word, Excel, and Outlook
- Understanding of the scientific method and the ability to apply it to a loss investigation.
- Remain current in the subjects listed as ‘requisite knowledge’ as related to fire investigations in NFPA 1033

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- Ability to travel as needed.
- Must be able to navigate fire scenes, crawl, climb, use ladders.
- Ability to analyze the site of a loss and develop a list of possible failures.
- Knowledge of active and passive fire protection systems including

CORE BEHAVIORS

Accountable

- Demonstrates persistence in the achievement of goals.
- Acts with a sense of urgency.
- Takes responsibility for own actions.

Business Focus

- Demonstrates agility, adapts well to changes.
- Works well under pressure.
- Meets commitments to internal/external customers.

Project Execution

- Plans projects well, managing last-minute rushes and disruptions.
- Balances Speed and Quality.
- Looks for improvement in our delivery, tools and processes.

Demonstrates Respect for Others

- Keeps others adequately informed.
- Exhibits objectivity and openness to others' views.
- Adapts communication style and method based on audience and situation.

Team Player

- Balances team and individual responsibilities.
- Shares expertise with others.
- Inspires respect and trust.


EDUCATION

Bachelor's degree in Chemical, Mechanical or Fire Protection Engineering is required. Professional Engineering Registration is required. 4-6 years of experience preferred.

COMPENSATION

Recognizing the importance of this position to KFI, a competitive wage and benefits package will be offered.

KFI Engineers is an Equal Opportunity Employer.

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