If you are looking at new roles, I have several funded openings. These are in support of Customs and Border Patrol (CBP) and will require 50% travel, so you can be based out of any location. CBP HQ for this role is based in Indianapolis, Indiana. You will travel to nationwide border security sites doing inspections on new and existing structures.

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Job Title: Fire Suppression Engineer
Location: US-IN-Indianapolis

Overview:

Fire Protection Engineering is the discipline of engineering that applies scientific and technical principles to safeguard life, property, loss of income, and threat to the environment from the effects of fires, explosions, and related hazards. It is associated with the design and layout of equipment, processes and supporting systems. It is concerned with fire prevention, control, suppression, and extinguishment and provides for consideration of functional, operational, economic, aesthetic, and regulatory requirements. Fire protection engineers are responsible for designing and implementing solutions to lower fire risks to buildings and properties. Fire protection engineers study the causes of fires and how architecture and design influence the prevention and suppression of fires.

Responsibilities:

- Conduct a facility condition assessment (FCA) utilizing the fire suppression engineering discipline, alongside other engineers of varying engineering disciplines.
- Provide valuable input and recommendations into the design for a facility and site’s fire and life safety systems including: wet, dry, pre-action and deluge sprinkler systems, foam, water spray, clean agent, wet and dry chemical and clean agent fire suppression systems, fire pumps, water tanks, standpipes, smoke management systems, and building fire alarm and mass notification systems.
- Provide valuable input and recommendations into the design and specification of fire alarm systems, mass notification systems, and releasing systems.
- Based on a facility condition assessment (FCA) and observed facility deficiencies, design an industry acceptable solution, including detailed cost estimates, to remedy the deficiency(s) in the most efficient and economical manner.
- Provide recommendations on design reviews with an emphasis on cost avoidance and efficient mission performance of a design.

Qualifications:

- Minimum of eight (8) years of relevant experience.
- Familiarity with the International Building Code (IBC)
- Familiarity with the International Fire Code (IFC)
• A thorough understanding of the Society of Fire Protection Engineers (SFPE) standards
• Recognition of how fires originate, spreads through structures, and how it can be detected, controlled, and/or suppressed
• Capability to predict the behaviors of various materials, structures, and processes to protect life, property, and the environment.
• Familiarity with cost estimation techniques
• The ability to travel 50% of the time.
• The ability to walk long distances and stand for extended periods of time while conducting a facility assessment.
• Proficient utilizing Microsoft Excel, Microsoft Word, and Adobe software
• Must be able to obtain and maintain a CBP Suitability