Fire Protection Engineer 3/4

Apply

Job ID 1600005892
Date posted 03/25/2016
Location North Charleston South Carolina United States

Job Description
The Boeing Company is seeking a Fire Protection Engineer to join our Fire Prevention Team in Charleston, South Carolina. This position reports directly to the Fire Marshal who resides in the Pacific Northwest Region. The position will be based in the Charleston area and have additional responsibilities for Boeing locations throughout the Midwest and Eastern part of the United States. This position requires an individual that's a self-starter and has the ability to work independently.

Duties include (but are not limited to):

- Ensuring compliance with applicable fire and building codes and standards (e.g., federal, state, local) by developing fire protection specifications and procedures, reviewing and approving designs (e.g., construction, fire protection systems, production and manufacturing processes)
- Performing fire protection and special hazard analyses (e.g., hydraulic calculations, code research and interpretation, flammable liquids, combustible dust, rack storage)
- Negotiate with local building and fire agencies and conducting fire system tests/evaluations (e.g., acceptance and periodic) to minimize the impact of potential losses, maintain compliance with requirements and protect people, property and the environment
- Develops and revises codes and standards by participating on national and local code bodies, committees and councils (e.g., International Fire Code Council, National Fire Protection Association and National Aeronautical Standards) to minimize their impact and enhance the fire safety for the company
- Ensures compliance with company policies and procedures by participating in design reviews and approvals (e.g., construction, fire...
participating in design reviews and approvals (e.g., construction, fire protection systems, production and manufacturing processes)

- Perform general fire protection and special hazard analyses
- Conduct fire inspections and systems tests
- Negotiating with applicable management, to minimize the impact of potential fire losses, maintain compliance with requirements, and protect people, property and the environment
- Develops and revises company standards, processes and procedures by teaming with internal customers (e.g., Workplaces Services, business units, EHS) to comply with applicable codes and standards and to enhance the fire safety for the company
- Provides expert council and prescribes solutions by providing fire protection engineering expertise (e.g., projects, risk analysis and recommendations, other internal/external customer support) and investigates, evaluates, and tracks fire protection related losses (e.g., trend analysis and loss limitation recommendations) to minimize the risks and effects of potential losses
- Determine applicability of insurance standards and recommendations to our business, by performing complex risk analyses, cost impact analyses and fire protection and special hazard analyses, interfacing and negotiating with insurance representatives and assessing the results of fire system and product tests (e.g., combustibility tests, smoke development, flame spread) to develop and revise company protection specifications and procedures, makes recommendations to company management, advises insurance representatives of company position
- Preform design reviews (e.g., construction, fire protection systems, production and manufacturing processes) and in teaming with internal customers (e.g., Workplaces Services, business units, EHS) to minimize the impact of potential fire losses, maintain compliance with requirements and protect people, property and the environment
- Provide technical support to the site fire departments by training and assisting in the interpretation of fire codes and insurance standards and recommendations to ensure a better understanding of fire protection principles

This position must meet Export Control Compliance requirements, therefore a "US Person" as defined by 22 C.F.R 120.15 is required.

This position requires an active (or ability to obtain) US Security
This position requires an active (or ability to obtain) US Security Clearance, for which the US Government requires US Citizenship.

**Division**
SECURITY & FIRE PROTECTION

**Relocation Assistance Available**
Yes. Available for eligible candidates, if authorized.

**Qualifications**
Level 3 - Bachelor's and 5 or more years' experience, Master's degree with 3 or more years' experience or PhD degree with experience. Bachelor, Master or Doctorate of Science degree from an accredited course of study, in engineering (fire protection), computer science, mathematics, physics or chemistry. ABET is the preferred, although not required, accreditation standard.

Level 4 - Bachelor's and 9 or more years' experience, Master's with 7 or more years' experience or PhD with 4 or more years' experience. Bachelor, Master or Doctorate of Science degree from an accredited course of study, in engineering (fire protection), computer science, mathematics, physics or chemistry. ABET is the preferred, although not required, accreditation standard.

Preferred qualifications:
- Technical and engineering skills developed and learned while employed in the Fire Protection Engineering field.
- Degree and typical experience in an engineering classification

This position is responsible for the Charleston Site as well as some MW/E regional sites.

In addition to being an independent self starter, the successful candidate will be expected to work as part of a larger diverse team located throughout the United States.

Candidate must be capable of travel with the U.S.

**Experience Level**
Individual Contributor

**Job Type**
Standard

Travel
Yes, 25% of the Time

Contingent Upon Program Award
No

Union
No

Job Code
LAHVP3