



FPE Job Posting

Enterprise Fire Protection Engineering

Company: The Boeing Company
Job ID: 1700018768
Date posted: 11/02/2017
Location: Long Beach, California, United States
Job Code: LAHVP3

The Boeing Company is seeking a Fire Protection Engineer to join our Fire Prevention Team in Long Beach, CA.

This position reports directly to the Fire Marshal who resides in the Pacific Northwest Region.

The position will be based in Long Beach, CA and have additional responsibilities for Boeing locations throughout the South West 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 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



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- 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
- Perform 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

Boeing is the world's largest aerospace company and leading manufacturer of commercial airplanes and defense, space and security systems. We are engineers and technicians. Skilled scientists and thinkers. Bold innovators and dreamers. Join us, and you can build something better for yourself, for our customers and for the world.

Typical Education and Experience:

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, computer science, mathematics, physics or chemistry.
Fire Protection Engineering Degree Highly Preferred.
ABET is the preferred, although not required, accreditation standard.

4 Year Bachelor's Degree is required.

Technical and engineering skills developed and learned while employed in the Fire Protection Engineering field.

This position is responsible for the South West as well as some other regional sites.

Candidate must be capable of 25% travel domestically and internationally is required.

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.

This position requires the ability to obtain a US Security Clearance for which the US Government requires US Citizenship.