

# Inspired Practicality

Holmes Fire is a fire engineering firm dedicated to improving life safety and building design through performance-based fire engineering. Collectively we comprise one of the largest global networks of fire engineers, with offices in San Francisco and Los Angeles, New Zealand and Australia. We have a reputation for successful innovation: our designs adapt to the freedom of architectural expression while meeting prescriptive building codes.

Holmes Fire is a subsidiary of the **Holmes Group**: compelled by possibilities, we relentlessly contemplate Why to create what is Best. We ask great questions, do great thinking, and deliver beautiful design.

Holmes pushes boundaries. We put no limits on individual potential: we base rewards and advancement on achievements and entrepreneurship – not just seniority. At Holmes, we take an imaginative and resourceful approach to projects, challenging established conventions with cutting-edge technologies. If you are someone who pushes boundaries – in your achievements, interests, and abilities – then we want you as part of our energetic and collaborative team.

**We are seeking fire engineers for our San Francisco and Los Angeles offices:**

#### Job Requirements:

- B.S. or M.S. degree in Fire Engineering and a P.E. license preferred
- 3+ years experience working in a fire safety consultancy
- Enjoys working in a collaborative team environment
- Background in Code Consulting and Fire Protection Engineering Consulting
- Good understanding of performance-based fire engineering
- Computer software skills: MS Word, Outlook and Excel. Fire/evacuation modeling tools. SAFIR structural modelling experience is highly desired
- Experience working with authorities and design teams, interacting with clients

Please send your resume with cover letter to [brian.salyers@holmesfire.com](mailto:brian.salyers@holmesfire.com). Competitive compensation will be offered to commensurate with level of experience and skill base.

**Holmes**

Australia Netherlands New Zealand USA

## Responsibilities

You will be a project manager for small to medium projects that you are assigned. Under senior engineering support, you will assist with medium to large complex projects.

Your responsibilities as a Fire Engineer include:

- Coordinate with clients, consultants and enforcing agencies in relation to fire safety aspects of projects.
- Coordinate scope and schedule with prospective clients to develop fee proposals for projects.
- Perform report writing, code analysis, research and development of engineered solutions.
- Perform design work and analysis work for Performance Based Fire Engineering.
- Perform computer modeling of fire and smoke using Fire Dynamics Simulator or similar.
- Perform computer modeling of occupant evacuation using spreadsheet calculations, Pathfinder, and similar evacuation models.
- Assess structural systems exposed to fire through computational methods outlined in standards and research papers.
- Utilize engineering knowledge and judgment to determine appropriate strategies and methods of assessment pertinent to the task at hand.
- Perform audits of existing buildings for fire safety compliance.
- Assist the office with marketing initiatives and project scope.
- Maintain relationships and be in regular contact with existing clients for projects when designated as the project manager.
- Understand the scope, fee, schedule and contractual obligations with our clients.
- Monitor the financial performance of projects. Identify any potential financial risks associated with projects and prepare an action plan to mitigate these risks.
- Monitor the payment history of clients and ensure Holmes Fire debtor management protocol is followed.
- Review the work of other engineers and less experienced staff, both critically and technically.
- Assist the Branch Manager with the technical advancement of the company.
- Give regular in-house presentations of projects or technical developments.
- Assists the Branch Manager with the day-to-day tasks of business operation, such as financial forecasting and coordination of business management practice.
- Coach and mentor less experienced engineers in the technical aspects of engineering design practices.
- Represent the company through participation in community and industry organizations whose values and interest align with Holmes Fire.