



Position: Senior Fire Engineer, based in Riyadh – Saudi Arabia

Company: FEC International (FEC)

Responsibilities

- Undertake fire hazard analysis and develop fire risk assessment reports for the built environment and light industrial facilities
- Review fire risk assessments and other fire safety documents for compliance with the applicable requirements
- Develop fire safety philosophies / strategies
- Undertake performance-based analysis of buildings
- Undertake CFD - smoke modelling / EVAC modelling
- Develop conceptual design of fire protection / detection & alarm systems for commercial and light industrial type facilities.
- Perform review of fire protection / detection design documents and calculations prepared by third party design companies / contractors for compliance with the applicable codes and regulations.
- Participate in third party inspection, testing and commissioning of fire protection and life safety systems as required
- Participate in special assignments and perform assessments related to fire engineering

Experience

Minimum 7 – 10 years' experience in fire engineering

Technical Competencies

- Degree qualified – BEng or BSc in Fire Engineering or, Post Graduate qualification in Fire Engineering
- Professional / full Member of SFPE, IFE
- CFPS / equivalent qualifications
- Experienced user of software for smoke & evacuation modelling
- Understanding and working experience of American (NFPA and ICC/IFC) design standards
- Good level of computer literacy in Windows, Excel, MS Project and other Microsoft products.
- A working knowledge of AutoCAD.

Other Competencies

- Business development skills
- Ability to make decisions, act on own initiative and operate in a proactive way.
- Ability to communicate effectively at all levels in English.
- Good report writing skills, experience of making presentations to and attending meetings with clients
- Confident presenter of assessments / philosophies / Designs / reports
- Good planning and time management
- Team player
- Good attention to detail