



Graduate Fire Engineer

Location: Sidcup, London

Requirements: Good general education to GCSE level in English and Maths

Team: Robson Frankham

Key Responsibilities

- Develop fire safety strategies, reports, design notes, letters and all the necessary supporting calculations.
- Mark up architectural drawings using Bluebeam software to show location and fire rating of fire compartments, travel distances and smoke ventilation, and other elements of fire safety as necessary.
- Undertake calculations (by hand or using MS Excel) to estimate occupant load, exit capacities, radiant heat, smoke and temperature spread, as well as more complex smoke and evacuation modelling, detailed fire dynamics and structural assessments.
- Review building designs and design elements to assess compliance whilst also designing fire solutions as part of the overall design team, alongside the client, architect and Statutory Authorities.
- Attend design team meetings with clients, design teams and Statutory Authorities.
- Develop your knowledge of fire engineering and Building Regulations to enable you to support projects in a variety of sectors.
- Attend in house and external training sessions and Continuous Development Programmes (CDP) to develop your knowledge of fire engineering.

Experience & Qualifications

- Good general education to GCSE level in English and Maths is essential.
- Strong knowledge of Microsoft Office applications including Outlook, Word, and Excel as a must.
- Excellent verbal and written communication skills, competent spelling, and grammar.
- Strong knowledge of numeracy and computer literate (Outlook, Excel, and Word must).
- Self-motivated.
- Experience within a busy office/admin environment is essential to the role.
- Excellent organisational & time management skills.
- A professional manner.
- Good all-rounder with ability to work well under pressure.
- Flexible, reliable, and hardworking.
- Excellent timekeeping and attendance record.
- Positive working attitude and excellent communication skills.
- Excellent motivational and influencing skills.
- Incumbent must have a high level of energy, be self-starters, confident and stable in manner, and be able to prioritise and work on a range of activities within a high-pressure environment.
- Enthusiastic and adaptable to working alone and withing a team.
- Ability to handle multiple tasks and a growing workload.
- Ability to establish and build effective working relationships with the clients, suppliers, and internal teams.
- Able to contribute effectively and on equal terms across all business activities.
- Willingness to progress own skills and to develop the role within the company for mutual benefit.
- Strong understanding of home/work life balance.

Benefits & Initiatives

We believe in using intelligent ideas to create human benefits—improving the surroundings in which we all live and work.

We support our people with excellent benefits, including:

- Hybrid working policy
- Annual leave - sell, buy & carry-over
- Health Insurance - Health Shield cash plan
- Long service award
- Incentive scheme
- Frankham Friday
- Professional qualification support
- Cycle-to-work scheme
- Death in service
- Annual season ticket loan
- Generous maternity & paternity pay

About Frankham Group

Frankham is a top 40 multi-disciplinary consultancy with over 40 years of experience, providing a full range of design and consultancy services to the built environment.

At Frankham we have a dedicated and knowledgeable team of industry experts, all with diverse abilities, striving to provide high quality solutions to all our clients. The company strives to improve the surroundings in which we all live and work. We are proud to hold Investors in People Gold Accreditation, reflecting our commitment to being a best-in-class employer.

Our belief is simple – use intelligent ideas to create human benefits. From environmentally sustainable buildings to individual commissions, our projects have one thing in common, they improve peoples' lives.

You will be stepping into a dynamic environment, where your voice and input will be heard. We have an 'open door policy', allowing easy access to the senior minds in the business. We are a business committed to providing people with opportunities to achieve their career goals.