

Reference: SRM002
Job Title: Senior Fire Engineer
Company: ESR Technology
Location: Birchwood Park, Warrington (near Manchester)
Employment Category: Full Time (37.5 hours per week)
Salary/Benefits: Competitive salary, with excellent benefits including 25 days annual leave plus statutory holidays, additional leave purchase, up to 8% matched pension contribution, health care, life assurance and more.

The Company

ESR Technology is a leading engineering consultancy recognised for its technical expertise, innovative solutions, and commitment to delivering high-quality projects for our UK and International Client base. With over 50 years of experience, ESR Technology offers a range of services to clients across various sectors, including energy, oil & gas, renewables, process, built environment, industrial machinery, transport, aerospace and space.

Our services include expert advice and solutions in the fields of engineering, safety, risk, non-destructive testing, asset integrity, engineering materials and tribology, coatings, space and vacuum research and mechanisms.

The company, its teams and staff are committed to better safety, improving reliability, cleaner energy and a greener environment through provision of best practices and better solutions for our client's problems and continuous development of our team capabilities, skills and expertise in all that we do.

The Job

We are seeking to recruit an experienced Senior Fire Engineer to the fire safety team, which is part of our Safety and Risk Management Group. The Group, carries out a wide range of technical safety studies for the energy, renewables, process, transport and building sectors.

The job is based in our Warrington Office, with occasional requirement for UK or international travel for limited periods. Your projects will range from fire strategy preparation for major infrastructure developments to fire risk assessments for buildings and process plant and post incident investigation support to legal professionals.

Requirements

We seek candidates with experience in our services, who are self-motivated and used to prioritising work and delivering projects against demanding client schedules. You will take responsibility for:

- Supporting business development and proposal preparation in the fire safety area;
- Delivery and management of projects to quality, to requirements and to time and cost;
- Liaison with clients and other stakeholders;
- Supervision, coaching and mentoring of staff;
- Review and checking of deliverable reports and calculations.

Qualifications, Skills and Experience in most or all of the following are required:

- Experienced Fire Engineer with a good honours degree in engineering or science;
- Strong analytical and problem-solving skills;
- Excellent written and oral communication skills and ability to work in a team.
- Ideally a Chartered Engineer and a member of the Institution of Fire Engineers;
- Fire strategy preparation for major developments such as railway stations, shopping malls and high-rise buildings;
- Qualitative fire risk assessments, as per the Regulatory Reform (Fire Safety) Order;
- Liaison with architects, MEP engineers and approving authorities regarding fire regulations and guidance, including Approved Document B and BS 9999;
- Fire and smoke movement studies using CFD models such as FDS, zone models such as CFAST, and engineering correlations;
- Fire and gas detector selection and fire and gas mapping studies;
- Evacuation studies using dynamic modelling software and static engineering models;
- Familiarity with international standards such as NFPA.

Our Offer

A competitive salary, a challenging work environment, and opportunities to work on novel and interesting projects for UK and global clients. If you are a self-starter, used to taking ownership of a project and passionate about fire engineering, we would like to hear from you.

Right to Work

Prospective candidates for this role should be aware that any offer of employment in connection with this vacancy is conditional upon, and subject to the candidate obtaining, and at all times continuing to have, the right to live and work in the United Kingdom.

Reply with CV and full details on how you will contribute and develop in this key role to careers@esrtechnology.com