

Role Definition

Job title: Head of Fire Safety
Reporting to: Head of Technical Design

Responsibilities

- As leader of the Fire Safety Team, you will drive a proactive, holistic, and risk-based design methodology throughout the organisation.
- Provide support to the organisation and use creativity to assist in the development of solutions which fulfil the project fire safety objectives.
- Contribute to the identification and addressing of fire-related constraints and opportunities for projects throughout their lifecycle using evidence-based methods.
- Cultivate and propagate an awareness of the impact of the fire safety design on construction, installation, commissioning, and maintenance.
- Contribute to the growth and promotion of the Fire Safety Team.
- Remain abreast of developments in national and international fire-related legislation, fire technologies, and materials and products – and feed this back to the wider organisation.
- Take a leadership role throughout the Technical Design Group and the organisation; identify and run cross-team and cross-function projects.
- Monitor national and international fire and safety related events with the aim of increasing the expertise within the Fire Safety Team and cascading knowledge through the organisation.
- Develop and describe fire safety design options for further discussion with the team.
- Assist in providing fire safety and fire engineering advice during the undertaking of Technical Reviews and workshops and follow up on requests for further guidance, information, or advice.
- Give guidance and assistance on appropriate fire engineering approaches office-wide and, where applicable, interact with externally appointed fire engineers.
- Assist in the update and maintenance of the relevant Foster + Partners' Guides.
- Maintain and provide records of advice given.
- Maintain a record and evidence of professional development and review this with the Head of Technical Design.
- Identify personal and Fire Safety Team training needs, stay up-to-date regarding training opportunities, and feed this back to the wider team.
- Review fire engineering reports/studies/strategies where provided by external consultants.
- Contribute, or otherwise assist, as required to the team and to the Senior Partner.
- Equity, diversity & inclusion (EDI) is a core priority. To support and champion the embedding of this focus as a collective workforce responsibility, EDI should be integrated, where relevant, into all workstreams.
- Thorough knowledge of and compliance with Foster + Partners' procedures and standards

Qualities and Skills Required**Essential**

- Able to demonstrate ability to undertake the above responsibilities.
- Legally able to work in the country in which the position is based.
- Chartered status with a relevant Institution.
- c. 15 years' experience in a fire engineering, fire research, or related discipline role.
- Solid proven experience of applying engineering methods to safety. For example, qualitative and quantitative risk assessment, probabilistic risk analysis, and detailed deterministic analysis.
- Evidence of management and leadership experience.
- Capable to demonstrate ability to undertake the above responsibilities.
- Evidence of a good design understanding.
- Experience with a range of international regulatory and guidance frameworks.

- Willingness to expand knowledge into other disciplines related to fire safety and fire engineering.
- Good interpersonal skills, proven ability to interact with a diverse range of people, and the ability to work well in a team.
- Ability to use a variety of media in the development and documentation of a design project.
- Evidence of the ability to understand design decisions taken by others.
- Ability to manage own time to work well under pressure and meet expected timeframes.
- Awareness of and ability to use some of the following: MicroStation, InDesign, Word, Excel, Outlook, PowerPoint, FDS, CFAST, B-RISK, OZone, MACS+, and structural software packages.
- Excellent organisational skills.
- Able to manage sensitive and sometimes confidential information.
- Self-motivated and able to take responsibility.
- Able to demonstrate initiative and a proactive approach to daily tasks, and in response to direction and instruction.
- Flexible attitude.
- Able to build and maintain strong relationships at all levels, internally and externally.
- Resilient to cope with conflicting demands, able to prioritise duties and work effectively under pressure.
- Able to work as part of an effective team assisting and supporting team members.

Desirable

- Experience in the use of advanced engineering methods. For example, CFD-based modelling, FEA analysis, quantitative probabilistic and reliability analysis.
- Experience with the use of Matlab, Python, R, or similar, to carry out data analysis, automation, and/or model development.
- Demonstrated good network with the fire science, fire engineering, and wider community.

This description reflects the core activities of the role but is not intended to be all-inclusive and other duties within the group/department may be required in addition to changes in the emphasis of duties as required from time to time. There is a requirement for the post holder to recognise this and adopt a flexible approach to work. Job descriptions will be reviewed regularly and where necessary revised in accordance with organisational needs. Any major changes will be discussed with the post holder.