

## Role Definition

**Job Title:** Structural Engineer, Associate  
**Reporting to:** Associate Partner or Partner on a day-to-day basis and ultimately to the Senior Partner

### Responsibilities:

- To lead, manage, motivate and coordinate a structural project team on a single major project or multiple small-to-medium sized projects
- To take responsibility for aspects of the design process and coordinate structural engineering activities relating to the project
- To manage financial aspects of running a design project on time and on budget
- To perform design and analysis of structural systems for all building types through all design stages to major international building codes
- To manage and carry out the preparation and development of calculations, reports, structural drawings, specifications and other documents relating to the design
- To contribute to the Practice's overall objective in producing first-class architecture and engineering designs on time and on budget
- To lead, coordinate and integrate the work of external project teams as required
- To seek, and record evidence of, continuing professional development (CPD) in accordance with the requirements of the appropriate institution
- To guide and mentor junior structural engineers' professional development
- To have thorough knowledge of and comply with Foster + Partners procedures and standards
- To contribute, or otherwise assist, as required by the Project Leader, Partner or Senior Partner

### Attributes, Skills and Qualifications:

- An undergraduate degree of at least 4 years duration and a postgraduate degree at the MSc level or above in structural engineering
- A professional qualification – CEng with chartered membership of the IStructE (preferred) or the ICE in the UK, PE/SE in the US or other international equivalent
- Legally able to work in the country in which the position is based
- Experience and demonstrated career development working in a structural engineering practice, including design and delivery of complex projects
- Excellent structural analysis and design skills, and good knowledge of major international building codes
- Strong written, verbal and graphical communication skills
- Ability to articulate design proposals, logical reasoning and decisions
- Ability to coordinate and integrate the work of internal and external members of the design team
- Ability to organise, manage and motivate a team
- A flexible and open attitude towards new ways of working and commitment to independent, lifelong learning
- Excellent organisational skills

- Ability to manage sensitive and sometimes confidential information
- Results-driven, resourceful, self-motivated and willing to take responsibility
- Good interpersonal skills and ability to work as part of an effective team
- Resilient, able to cope with conflicting demands, prioritise duties and work effectively under pressure
- Advanced knowledge of and experience using ETABS and SAP2000. Experience with BIM (in particular Revit)
- Ability to work with clients effectively and professionally

This description reflects the core activities of the role but is not intended to be all-inclusive. 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.

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