

## Role Definition

**Job Title:** Structural Engineer (E2)  
**Reporting to:** Project Leader/Job Captain of the current project on a day-to-day basis and ultimately to the Senior Partner

## Responsibilities:

- To participate in the design process of structural engineering activities relating to the project
- To perform design and analysis of structural systems for all building types through all design stages to major international building codes
- To prepare and develop calculations, reports, structural drawings, specifications and other documents relating to the design as a member of the project team
- To take responsibility for design and analysis of small projects or portions of large projects, potentially including supervision of other team members
- To contribute to the Practice's overall objective in producing first-class architecture and engineering designs on time and on budget
- To liaise with members of the external project teams and other associated organisations or companies as required
- To seek, and record evidence of, continuing professional development (CPD) in accordance with the requirements of the relevant professional institution
- 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
- Meeting a significant percentage of the core training objectives for professional status
- Legally able to work in the country in which the position is based
- Experience working in a structural engineering practice, including design and delivery of complex projects
- Excellent technical and design skills
- Strong written, verbal and graphical communication skills
- Ability to understand and formulate design decisions and present them for discussion
- 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
- Ability to work well under pressure and meet deadlines effectively

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.

September 2018