

Role Definition

Job Title: Structural Engineer (E1)
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 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
- Working towards a professional qualification or professional status
- Legally able to work in the country in which the position is based
- 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.

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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