

Job Title: Senior Engineer – Structures
Reports to: Group Director

Eckersley O'Callaghan is seeking creative thinkers to join its growing team in London. EOC is one of the most innovative engineering design firms in the world. Our international reputation has been cultivated through a commitment to research and innovation. We lead the development of the latest technologies, collaborating with our partners in industry. Our expanding Structures team in London is looking for an experienced Senior Engineer with a range of technical design expertise to lead a variety of high-profile local and international projects, ranging in both scale and scope.

Description

We are looking for someone with the following:

- A good master's degree in structural or civil engineering
- Chartered Engineer with either IStructE or ICE
- 6+ years' proven experience in structural engineering consultancy
- Good communication skills and collaborative approach
- An interest in buildings, architecture and the built environment
- Good analytical skills and preferably proficient with using Robot
- Working knowledge of BS/EN standards
- Experience delivering projects incorporating Level 2 BIM with Revit
- Site experience desirable

Key responsibilities

- Report to the structures Group Director in London and team Associates
- Represent EOC at workshops, design team meetings and site meetings
- Manage projects and internal teams of both junior engineers and technicians
- Develop structural designs on projects at a range of scales in concrete, steel, timber, masonry and other materials
- Coordinate with architect and other engineering consultants as part of the team
- Contribute to production of technical development and R+D initiatives
- Review own and others' work as part of quality assurance
- Maintain up to date technical knowledge
- Use analytical software effectively and interpret the outputs well
- Apply theory to practice and in a logical way
- Highlight potential problems and look for a resolution

Job knowledge, skills and experience

- Chartered Engineer of a relevant professional institution (IStructE, ICE)
- A keen interest in architecture and design
- Someone who enjoys their work and is indisputably passionate about delivering great engineering
- Able to prioritise workload, meet tight deadlines and work effectively within a team
- Able to build effective working relationships with professionals of all levels and disciplines within the organisation
- Use of 3D modelling tools including Rhino and Grasshopper would be useful
- Working knowledge of design software for structural analysis

Personal qualities

- Good organisational skills and the ability to cope with a variety of tasks
- A flexible, positive approach and the ability to work as part of a team in a busy, creative atmosphere
- Excellent interpersonal skills with the ability to communicate with people of all levels
- Can do attitude that drives for success