

**Job Title:** Project Engineer – Structures  
**Reports to:** Group Director

**Eckersley O'Callaghan** is one of the most innovative engineering design firms in the world, with an international reputation cultivated through a commitment to research and innovation. Our multiple award-winning collaborations with forward-thinking architects such as Foster + Partners, Zaha Hadid Architects and Heatherwick Studio, for clients that include Apple, Google and Vitsoe, have placed us at the forefront of design in structures and facades. Our principal office is in London, with other offices in New York, Los Angeles, San Francisco, Paris, Milan, Manchester, Delhi-NCR, Hong Kong, Shanghai and Sydney. We enjoy working with a range of materials, forms and building types across diverse sectors and project scales to deliver imaginative solutions.

Our expanding team in London is looking for an experienced Project Engineer to join our structures team.

### DESCRIPTION

We are looking for someone with the following:

- A good masters degree in structural or civil engineering
- 2+ 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 experience of a range of software's
- Working knowledge of BS/EN standards

### KEY RESPONSIBILITIES

- Report to the structures Group Director in London and senior members of the team
- Represent Eckersley O'Callaghan at workshops, design team meetings and site meetings with our clients and collaborators
- 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 internal technical notes and R&D initiatives
- Reviews own and others' work as part of quality assurance
- Maintains up to date technical knowledge
- Uses analytical software effectively and interprets the outputs well
- Applies theory to practice and in a logical way
- Highlights potential problems and ensures there is resolution.

### JOB KNOWLEDGE, SKILLS & EXPERIENCE

- Graduate membership of a relevant professional institution (CIBSE, RIBA, IStructE, SFE)
- Demonstrate a good working knowledge of structural analysis (FEM) software and 3D modelling software (Rhino, Grasshopper, Revit, etc)
- Working knowledge of relevant design software for structural analysis
- A keen interest in architecture and design
- Someone who enjoys their work and is indisputably passionate about delivering great engineering
- Able to prioritise own 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

## **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

## **WE OFFER**

- A stimulating work environment with a smart, diverse and motivated set of colleagues
- Flexible working around core hours
- Opportunities for continuing professional development including mentoring to chartership
- An internal training programme for employees at all levels
- Opportunities for career growth
- Opportunities to take part in internal R&D activities
- Collaboration opportunities with EOC offices around the world
- World-class projects with leading architects and collaborators