

Job Title: Graduate Engineer – Specialist Glass and Facade 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 multiple award winning collaborations with forward-thinking architects such as Foster + Partners, Zaha Hadid Architects and Heatherwick Studio, for clients that include Apple, Google, Vitsoe and the V&A, 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, Paris, Hong Kong and Sydney. We currently employ around 85 staff in London and 30 in overseas offices. We have ambitious plans for continued future growth around the world.

DESCRIPTION

We are looking for someone with the following:

- A good degree in structural engineering, and preferably a relevant postgraduate degree
- Some knowledge of or an interest in either special structures, glass or facade design and detailing
- Academic research or studies in facade design and detailing
- Good communication skills and collaborative approach
- Aptitude in the engineering aspects of non-standard facades, preferably with an emphasis on structural engineering
- Interest and experience in detailed analytical design
- Knowledge of EN standards
- A keen interest in architecture and a willingness to travel

KEY RESPONSIBILITIES

- Report to the specialist structures Group Director in London
- Develop professionally, take on responsibility and contribute to the growth of the practice
- Hand sketching and use of CAD
- Develop design solutions through the structural use of glass
- Demonstrate a working knowledge of structural analysis (FEM) software and 3D modelling software (Rhino, AutoCAD, etc)
- Maintain up to date technical knowledge
- Use analytical software effectively and interpret the outputs well
- Apply theory to practice in a logical way
- Highlight potential problems

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