

**Job Title:** Facade Engineer  
**Reports to:** Group Director  
**Job Purpose:** We require a Facade Engineer in our London office with a strong background in materials and facade system detailing.

**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, with an international reputation cultivated through a commitment to research and innovation. Our collaborations with forward-thinking practices such as Foster + Partners, Zaha Hadid Architects and Heatherwick Studio, for clients that include Apple, Google, Vitsoe and Bulgari, have driven the development of new technologies, placing us at the forefront of design. Our principle office is in London with other offices in New York, San Francisco, Los Angeles, Paris, 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. We have developed an international reputation for our creative and collaborative approach, which has allowed us to establish an enviable portfolio of projects.

Our facade team in London is expanding to service our growing list of projects across the world. We are currently working with some of the world's leading architects on projects including research facilities, public spaces, sports arenas and commercial offices. Our dynamic office provides a stimulating and highly sociable work environment, international experience and great opportunities for personal development.

### DESCRIPTION

We are looking for people with the following:

- A good degree in building engineering or architecture, and preferably a relevant postgraduate degree
- 2+ years' experience in facade design and detailing in a consulting or construction capacity
- Working knowledge of BS/EN standards
- A rounded knowledge of the engineering aspects of facade design and construction
- Strong written and verbal communication skills
- A collaborative approach
- Ability to work under pressure and to deadlines

Good communication skills, including verbal, written and sketching are essential. The role will involve working collaboratively as part of project teams in facade design and site supervision, contributing to team knowledge sharing, and contributing to the company's R&D activities.

The role will report to the facade director in London and may from time to time involve supporting our offices in Paris, New York, San Francisco, Los Angeles, Hong Kong, Shanghai and Sydney.

### RESPONSIBILITIES

- Working with the client, architect and other engineering consultants to determine the best facade design outcomes
- Proactively supporting projects internally, producing sketches, reports and specifications, coordinated with other parties, under the guidance of Senior Facade Engineers
- Carrying out site inspections, factory visits, witnessing of mock-ups and testing and preparing technical reports
- Representing EOC at workshops, design team meetings and site meetings with our clients and collaborators
- Collaborating with other EOC team members; participating in knowledge sharing and producing technical notes
- Contributing to internal R&D initiatives

- Communicating with clients; managing external relationships

#### **PREFERRED ATTRIBUTES**

- Working towards chartered membership of a relevant professional institution (CIBSE, RIBA, IStructE, ICE)
- Experienced in use of CAD software and 3D computer modelling tools
- Experience in projects from concept stage through completion
- Desire to develop professionally, take on responsibility and contribute to the growth of the practice
- Working knowledge of relevant design software, including for structural analysis, thermal bridging analysis and glass selection tools
- A keen interest in architecture and a willingness to travel