

**Job Title:** Graduate Facade Engineer  
**Issue Date:** May 24<sup>th</sup>, 2022  
**Job Purpose:** Our growing team in Los Angeles is looking for a Graduate with architectural, structural, or environmental engineering background, who shares our passion for creative design and problem solving. A strong interest in architecture, structural and facade engineering and building physics is essential.  
Candidates should have obtained a Bachelors or Master Degree in Engineering or Architecture, and are preferably based in the US.

**Eckersley O'Callaghan** 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 facade technologies, collaborating with our partners in industry. 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 expanding Los Angeles team is looking for a Graduate Facade Engineer with a range of technical design expertise to lead the envelope design on a variety of high-profile local and international projects, ranging in both scale and scope.

We are looking for people with the following:

- A good degree in engineering or architecture, and preferably a relevant postgraduate degree
- 1+ years' proven experience in facade design and detailing in a consulting capacity from concept stage through execution
- Working knowledge of US standards and industry guidelines
- A rounded knowledge of the engineering aspects of facades
- Good understanding of design parameters for a wide range of different materials
- Strong sketching and drawing skills using CAD software, as well as 3D modelling
- Strong written and verbal communication skills
- A collaborative approach
- Ability to work under pressure and to meet deadlines

Good communication skills and experience of developing relationships with clients and external parties are essential.

### Responsibilities

- Working on several projects simultaneously, working with the client, architect, and other engineering consultants to determine the best facade design outcomes.
- Leading projects, producing sketch, drawing and specification deliverables, coordinated with other parties and ensuring a high standard of work
- Representing Eckersley O'Callaghan at workshops, design team meetings and site meetings with our clients and collaborators
- Use awareness of new materials and methods in consideration of client solutions
- Carrying out site observations, factory visits, witnessing of mock-ups and testing, preparing technical reports
- Contributing to internal R&D initiatives and production of technical notes
- Developing relationships with clients and external industry bodies

### Preferred Skills and Attributes

- Working knowledge of digital design / modelling software
- Use of relevant design software, including structural analysis, building physics assessments, glass selection tools, and environmental analysis
- Experienced use of CAD software
- A keen interest in architecture and willingness to travel