

Job Title: Facade Engineer / Technical Designer

Job Purpose: Eckersley O'Callaghan is seeking creative thinkers to join its growing team in Los Angeles. We require a Facade Engineer / Technical Designer in our Los Angeles office with a strong background in materials and facade system detailing.

Eckersley O'Callaghan is seeking creative thinkers to join its growing team in **Los Angeles**. EOC is one of the most innovative engineering design firms in the world, with an international reputation for innovation, creativity and attention to detail.

Our core services of structural and facade engineering are underpinned by our expertise in sustainability, digital design and R&D, which are at the heart of our approach. We work with the world's leading architects and developers, who value our collaborative approach and creativity. We offer a stimulating work environment with enthusiastic, intelligent, hard-working colleagues, and we support personal development through training and project opportunities. Our principal office is in London, with other offices in Manchester, New York, San Francisco, Los Angeles, Paris, Milan, Hong Kong, Shanghai, Delhi and Sydney.

We lead the development of the latest facade technologies, collaborating with our partners in industry. Our expanding Los Angeles team is looking for an experienced 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.

DESCRIPTION

We are looking for people with the following:

- A degree in Architecture / Building Science or Civil / Structural engineering
- 3+ years' experience in facade design and engineering in a consulting capacity
- Experience in design and construction stages of projects
- Working knowledge of US codes and standards
- A rounded knowledge of the engineering aspects of facades
- Good understanding of engineering parameters for a wide range of facade materials including steel, aluminum, glass, among others
- Strong sketching, drawing and modeling skills using CAD and BIM software
- Strong written and verbal communication skills
- A collaborative approach
- Ability to work under pressure and to meet 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.

RESPONSIBILITIES

- Perform design and engineering studies on a number of projects, working with the projects internal and external teams to determine the best facade design outcomes.
- Leading technical design and engineering on projects, producing drawing and specification deliverables, coordinated with other parties and ensuring a high standard of work
- Carrying out site inspections, factory visits, witnessing of mock-ups and testing, preparing technical reports
- Representing Eckersley O'Callaghan at workshops, design team meetings and site meetings with our clients and collaborators
- 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 and glass selection tools
- Experienced in use of CAD software
- A keen interest in architecture and a willingness to travel
- Licensure as a Professional Engineer (PE) or Registered Architect (RA)