

Job Title: Facade Engineer / Technical Designer
Reports to: Director
Job Purpose: 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 one of the most innovative engineering design firms in the world, with a global reputation cultivated through a commitment to research and creative thinking. We enjoy working with a range of materials, forms and building types across diverse sectors and project scales to deliver imaginative solutions. 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 Bulgari, have placed us at the forefront of design in structures and facades. Our commitment to sustainability, digital design, and continuous research and development remains at the core of our approach.

We offer a stimulating work environment with enthusiastic, intelligent, hard-working colleagues, and support personal development through training and project opportunities. Our principal office is in London, with other offices in Manchester, Paris, Milan, New York, Los Angeles, San Francisco, Delhi, Hong Kong, Shanghai and Sydney.

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

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 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)

WE OFFER

- A stimulating work environment with a smart, diverse and motivated set of colleagues
- A competitive benefits package
- Volunteer and outreach opportunities
- 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 our international offices
- World-class projects with leading architects and collaborators