

Job Title: Senior Facade Engineer – Facades
Reports to: Group Director
Job Purpose: We require a Senior Facade Engineer in our London 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 good degree in engineering or architecture, and preferably a relevant postgraduate degree
- 6+ years' proven experience in facade design and detailing in a consulting capacity from concept stage through execution
- Working knowledge of BS/EN standards
- A rounded knowledge of the engineering aspects of facades
- Strong written and verbal communication skills
- Chartered membership of a relevant professional institution (CIBSE, RIBA, IStructE)
- A collaborative approach
- Ability to work under pressure and to deadlines
- Experience and proven ability in the process, technical and financial aspects of project management
- Good communication skills and experience of developing relationships with clients and external parties are essential. The role will involve taking on projects and managing them, mentoring junior staff and assisting in the overall technical management of the facade group.

RESPONSIBILITIES

- Managing a number of projects, working with the client, architect and other engineering consultants to determine the best facade design outcomes.
- Leading projects, overseeing production of sketch, 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
- Mentoring and managing junior team members; participating in knowledge sharing
- Contributing to internal R&D initiatives and production of technical notes
- Developing relationships with clients and external industry bodies
- Monitoring and reporting on project performance against agreed timelines and fees

PREFERRED ATTRIBUTES

- Working knowledge of digital design / modelling software
- Ability to oversee others in use of relevant design software, including for 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

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