

Job Title:	Senior Engineer – Facade Engineering, Hong Kong Office
Reports to:	Associate Director & Office Lead, Hong Kong
Job Purpose:	We require an experienced façade engineer in our Hong Kong office with a strong background in materials and façade system detailing to support our projects in Hong Kong, China and across Asia.

Eckersley O'Callaghan is seeking creative thinkers to join its growing team in Hong Kong. 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, Swire Properties, New World Development and Henderson Land, have driven the development of new technologies, placing us at the forefront of design. In addition to our London headquarters, we have offices all around the world to service our global clients and projects.

Our office in Hong Kong was established in 2017 to support our growing portfolio of high-profile projects across the Asia region. We collaborate closely with our London office to deliver ambitious projects for local clients with our aim to be recognised as a high-quality engineering consultant in the market. Our emerging office and unique service proposition presents excellent opportunities for personal development.

DESCRIPTION

We are looking for candidates with the following:

- A good degree in engineering with preferably a relevant postgraduate degree
- 5+ years' proven experience in facade design, engineering and detailing in a consulting or construction capacity from concept stage through to execution
- Experience of delivering projects in Hong Kong, China and across Asia
- Good knowledge of BS/EN, ASTM, HK & GB standards
- Chartered membership of a relevant professional institution (HKIE, CIBSE, IStructE, ICE)
- Excellent written and verbal communication skills in English, Mandarin, and Cantonese
- A collaborative approach
- Ability to work independently, under pressure and to deadlines
- Experience and understanding of the process, technical and financial aspects of project management

KEY RESPONSIBILITIES

- Report to Associate Director & Office Lead in Hong Kong
- Manage a number of projects, working with the client, architect and other engineering consultants to determine the best facade design outcomes.
- Represent Eckersley O'Callaghan at workshops, design team meetings and site meetings with our clients and collaborators
- Coordinate and communicate with internal global project teams to produce deliverables for clients
- Monitor and report on team performance against agreed timelines, and fees/budgets
- Use awareness of new materials and methods in consideration of client solutions
- Use analytical software effectively and interpret the outputs well
- Proactive approach to business development opportunities including presentations and events
- Developing relationships with clients and external industry bodies

JOB KNOWLEDGE, SKILLS & EXPERIENCE

- Strong background in structural engineering aspects of facades; experience in structural glass, steel and aluminium is highly preferred
- Working knowledge of local codes and practices
- Working knowledge of digital design / modelling software
- Working knowledge of relevant design software, including for structural analysis, building physics assessments and glass selection tools

- Experience in use of CAD software including Rhino; Grasshopper is highly preferred
- A keen interest in architecture and a willingness to travel

PERSONAL QUALITIES

- Good organisational skills and the ability to cope with a variety of tasks
- A flexible, positive approach and the ability to work as part of a team in a busy, creative atmosphere
- Excellent interpersonal skills with the ability to communicate with people of all levels
- Can do attitude that drives success for the office and wider company