

Job Title: Project Engineer - Facades
Reports to: Directors and Sydney practice lead

Eckersley O'Callaghan is seeking and facade project engineer to join its growing team in Sydney. EOC is one of the most innovative engineering design firms in the world and we have won multiple awards for our work. Our international reputation has been cultivated through a commitment to research and innovation as well as close collaboration with architects, clients and contractors. We are leaders in the development of the latest technologies and techniques collaborating with our partners in industry. Our relatively new but growing office in Sydney is looking for a facade project engineer with a range of technical design expertise to work on the design on a variety of high-profile local and international projects, ranging in both scale and scope. The applicant should have experience working in Australia on architectural projects at a range of scales and the ability to work independently and as part of a team.

DESCRIPTION

We are looking for someone with the following:

- A good degree in building engineering or architecture with preferably a relevant postgraduate degree
- 4+ years' proven experience in engineering consultancy or technical architecture role
- Good communication skills including sketching and presenting and a collaborative approach
- An interest in buildings, architecture and the built environment
- Interest and working knowledge of a range of materials and an understanding of their performance
- Good technical skills in analysis software and interpretation of code

KEY RESPONSIBILITIES

- Report directly to the Sydney practice lead as well as collaborating as part of the global facades team
- Represent EOC at workshops, design team meetings and site meetings.
- Coordinate with architects and other engineering consultants as part of the design team
- Contribute to production of technical development and R+D initiatives
- Maintain up to date technical knowledge
- Use analytical software effectively and interpret the outputs well
- Apply theory to practice and in a logical way
- Highlight potential problems and look for a resolution
- Articulate engineering solutions efficiently and accurately through a range of 2D and 3D deliverables
- Represent EOC facade engineering at events, meetings and conferences

JOB KNOWLEDGE, SKILLS & EXPERIENCE

- A keen interest in architecture and design and the innovative integration of facade strategies
- Someone who enjoys their work and is indisputably passionate about delivering great engineering
- Able to prioritise workload, meet tight deadlines and work effectively with and within a team and independently
- Able to build effective working relationships with professionals of all levels and disciplines within the organisation and with external partners
- Use of 3D modelling software tools including Rhino, Grasshopper preferred
- Working knowledge of relevant code, standards and building practice in relation to facades

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