

Job Title: Facade Engineer
Reports to: Director

Eckersley O'Callaghan is seeking a facade 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 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:

- Recognised relevant tertiary or higher qualifications in engineering or architecture
- 4+ years' proven experience in engineering consultancy or technical architecture role
- Good communication skills 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 simulation and analysis software and interpretation of code

KEY RESPONSIBILITIES

- Report to the Director 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 is a bonus
- Working knowledge of relevant code, standards and building practice in relation to facades
- Experience working with contractors and project teams

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