

Job Title: Structural Engineer
Reports to: Structures Lead and Director

Eckersley O'Callaghan is seeking a structural 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 structural engineer with a range of technical design expertise to work on the design of 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 Civil/Structural Engineering or similar area
- Chartered Engineer in Australia or close to chartership
- 4+ years' proven experience in structural engineering consultancy
- Good communication skills and collaborative approach
- An interest in buildings, architecture and the built environment
- Good technical skills in steel and concrete.
- Other material experience such as timber, glass, aluminium, carbon fibre is a bonus.

KEY RESPONSIBILITIES

- Report to the structures lead and Director
- Represent EOC at workshops, design team meetings and site meetings.
- Coordinate with architects and other engineering consultants as part of the 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
- Represent EOC structural engineering at events, meetings and conferences

JOB KNOWLEDGE, SKILLS & EXPERIENCE

- A keen interest in architecture and design and the innovative integration of structural 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
- Able to build effective working relationships with professionals of all levels and disciplines within the organisation and with external partners
- High-level understanding of Australian Standard design codes and structural engineering principles
- Use of 3D modelling software tools including Rhino, Grasshopper is a bonus
- Working knowledge of relevant design software for structural analysis.
- Experience of 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