

Job Title: Graduate Engineer – Structures
Reports to: Sydney Practice Lead
Job Purpose: Our Sydney office is looking for a structural project engineer with technical design expertise to work on the design of a variety of high-profile local and international projects, ranging in both scale and scope.

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:

- An undergraduate degree in structural or civil engineering – A Honours degree is preferable
- 1-2 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, timber and concrete.
- Some knowledge of or an interest in using other material such as glass and masonry

KEY RESPONSIBILITIES

- Report directly to Sydney structural practice lead
- Participate 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 of the NCC and relevant Australian Standards
- 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

PERSONAL QUALITIES

- Strong spatial visualisation abilities
- 3D modelling and parametric software fluency using a range of CAD, BIM and parametric software. Foundational knowledge in this area is preferable
- Visual communication and sketching skills
- Curiosity around our built environment
- Excellent interpersonal skills with the ability to communicate with people of all levels
- Ability to learn multiple software packages

WE OFFER

- A stimulating work environment with a smart, diverse and motivated set of colleagues
- 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