

Job Title: Senior Engineer – Structures
Reports to: Group Director
Job Purpose: Our expanding team in New York is looking for an experienced Senior Engineer with a range of technical design expertise to lead the design on a variety of high-profile local and national 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:

- A Bachelors or Masters degree in structural or civil engineering
- Professional Engineer licensure preferred
- 4+ years' proven experience in structural engineering with an interest in structural glass / facade engineering
- Good communication skills and collaborative approach
- An interest in buildings, architecture, and the built environment
- An interest in non-standard structural systems, including facades, structural glass and feature staircases
- Working knowledge of US standards
- Experience delivering technical drawings and detailed calculations for structural and/or facade projects
- Candidates will preferably be based in the US although EOC will consider applicants outside of the US and those requiring sponsorship.

RESPONSIBILITIES

- Report to the New York team Associates
- Represent EOC at workshops, design team meetings and site meetings
- Manage projects and work collaboratively with internal teams of senior and junior engineers
- Develop structural and facade designs on projects at a range of scales in concrete, steel, aluminium, glass and other materials
- Coordinate with architect and other engineering consultants as part of the team
- Review their own and others' work as part of quality assurance
- 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

PREFERRED ATTRIBUTES

- 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

WE OFFER

- A stimulating work environment with a smart, diverse and motivated set of colleagues
- A competitive benefits package
- Volunteer and outreach opportunities
- 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