

Job Title: Senior Engineer – Structures / Facades
Reports to: Group Director

Eckersley O'Callaghan is seeking creative thinkers to join its growing team in New York City. EOC is one of the most innovative engineering design firms in the world. Our international reputation has been cultivated through a commitment to research and innovation. We lead the development of the latest technologies, collaborating with our partners in industry. Our expanding Structures 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.

DESCRIPTION

We are looking for someone with the following:

- A good degree in structural or facade engineering
- Professional Engineer licensure preferred
- 6+ years' proven experience in structural and / or facade engineering
- Good communication skills and collaborative approach
- An interest in buildings, architecture and the built environment
- Good analytical skills and preferably proficient with using Strand7
- Working knowledge of US standards
- Experience delivering technical drawings and detailed calculations for structural and facade projects
- Site experience desirable

KEY RESPONSIBILITIES

- Report to the New York team Associates
- Represent EOC at workshops, design team meetings and site meetings
- Manage projects and internal teams of 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 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

JOB KNOWLEDGE, SKILLS & EXPERIENCE

- Professional Engineer licensure preferred
- A keen interest in engineering and design
- Someone who enjoys their work and is indisputably passionate about delivering great engineering
- Able to prioritise workload, meet tight deadlines and work effectively within a team
- Able to build effective working relationships with professionals of all levels and disciplines within the organisation
- Use of 3D modelling tools including Rhino and Grasshopper would be useful
- Working knowledge of design software for structural analysis

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
- Can do attitude that drives for success