

CAD Technician I Facades

Reports to: Facade Group Director

Eckersley O'Callaghan is one of the most innovative engineering design firms in the world, with an international reputation cultivated through a commitment to research and innovation. 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 principal office is in London, with other offices in New York, Los Angeles, San Francisco, Paris, Manchester, Delhi-NCR, Hong Kong, Shanghai and Sydney. We enjoy working with a range of materials, forms and building types across diverse sectors and project scales to deliver imaginative solutions.

Our expanding team in Milan are 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. The applicant should have experience working in Italian and international projects at a range of scales and the ability to work independently and as part of a team.

We are looking for a candidate with the following

- A relevant qualification in CAD/BIM draughting related to building engineering or architecture
- 2+ years' experience in facade detailing in a consulting or construction firm
- A working knowledge of the principles of curtain walling, structural glazing, rain screen systems, built-up walls
- Excellent knowledge of 2D AutoCAD, and preferably also 3D AutoCAD, Revit and Rhino
- Excellent IT skills and willingness to develop further knowledge of new CAD software
- Experience with document control software
- A collaborative approach
- Excellent interpersonal and communication skills
- Ability to work under pressure and to deadlines
- Proficiency in Italian and English

A high standard in written communication is expected. The role will involve developing and sharing best practice in facade detailing and maintaining a library of 'best practice' details.

Key responsibilities

- Working with our facade engineers to develop facade details from schematic design stage through to contract stage
- Producing technical drawings in a clear and consistent visual 'house' style
- Maintaining a library of facade details, including a system of dynamic blocks for components
- Collaborating with other EOC engineers and technicians to share best practice, coordinate with practice-wide CAD standards and protocols
- Coordinating and combining 3rd party drawing information
- Managing issue of drawings to relevant parties on a timely basis
- Being responsible for meeting agreed deadlines and managing time to meet programme
- Working on defined tasks under limited supervision with some autonomy
- Maintaining an awareness of industry systems
- All other duties that may be reasonably required

Job knowledge, skills and experience

- A keen interest in architecture and design and the innovative integration of façade strategies
- General knowledge of facade systems and typologies
- Exposure to facade materials and technologies
- Able to meet tight deadlines and work effectively with and within a team and independently
- Knowledge of BIM and parametric tools is preferred

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

We offer

- A stimulating work environment with a smart, diverse and motivated set of colleagues
- Flexible working around core hours
- 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 EOC offices around the world
- World-class projects with leading architects and collaborators

**Please email your CV and a covering letter with subject line
'EOC-ITA-FT' to: recruitment@eocengineers.com**