

Position: Cladding Fixing Designer

Company: Szerelmey Ltd. (see www.szerelmey.com)

Location: Vauxhall, London

Job Type: Permanent

Salary: negotiable - dependant on ability and experience

Szerelmey are well known for the cleaning and repair of facades and the design, supply and installation of stonework for all types of external and internal applications. The projects we work on include cultural and historical buildings, government buildings, hospitals, educational institutions, commercial/office developments, large residential buildings and high end private residences. Szerelmey contracts also include other façade materials such as masonry, pre-cast concrete, faience, and aluminium as well as the design of the backing wall structure which could be lightweight framing systems or solid traditional walls of concrete or masonry.

Szerelmey is recruiting a capable design engineer to support our facade design team, in terms of steel bracket and connection design, technical drawings and analysis / calculations, design of small steel structures and facade engineering. The successful candidate would ideally have experience of designing and detailing in stainless steel, designing whole wall solutions (cladding and backing structure), producing structural calculations for various cladding materials and backing structures, producing u-value calculations and/or 3d thermal analysis of the building envelope. Practical experience gained from working in a design and build contractor is preferred to consultancy or manufacturer experience

Other duties:

Will include but will not be limited to visiting construction sites for the purpose of conducting surveys and attending design meetings. Liaising with main contractors, architects, engineers, other sub-contractors and third party suppliers as and when required.

Criteria:

- Minimum requirement National Certificate (NC) or National Diploma (ND) in Civil Engineering or with previous experience in design of steel connections, concrete formwork or load bearing metal brackets.
- Graduate or Technician member of the Institution of structural engineers IStructE would be advantageous.
- The ability to produce drawings and calculations in AutoCAD and Mathcad respectively.
- Knowledge of Autodesk Inventor Professional (including FEA and frame analysis) and Revit would be advantageous but training will be provided. This design software

is being newly introduced into the design office to aid fixing design and streamline the cladding design process as well as meeting contractual BIM obligations.

- Liaise with all parties in the design process
- Being able to work well within a team.
- Analytically and practically minded, self-motivated, reliable, able to organise workload and meet deadlines.
- Be familiar with or willing to acquire knowledge of relevant British Standards / Eurocodes and Building Regulations.

Please supply an updated CV with reference details and your availability to ian.lee@szerelmey.com