



JOB DESCRIPTION

Job Title: Senior Structural Design Engineer
Department: Darlington Office
Salary: £35,000 - £45,000 per annum
Reporting to: Darlington Principal Engineer & Office Manager (M Ascaso)
Apply to: Send CV to careers@dlteng.com

Key Objectives:-

Working within a team of engineers and CAD technicians, carrying out conceptual and detailed design of permanent and temporary structures and equipment, particularly related to heavy lifting and moving projects. Attendance on site when required to assist in heavy lifting and moving operations.

Main Responsibilities and Duties:-

- Conceptual and detailed design of permanent and temporary structures, particularly in steel.
- Erection engineering.
- Conceptual and detailed design of specialist equipment, particularly related to heavy lifting and moving projects.
- Static analyses of structures using structural analysis (FEA) computer programs.
- Preparation of detailed calculations using computer program Excel (preferred) or by hand.
- Preparation of sketches and drawings using computer program AutoCad or by hand.
- Development of standard spreadsheet solutions suitable for use with Excel.
- Assist in the management of the design office and lead other members of the team.
- Attendance on site when required to assist in heavy lifting and moving operations.

Qualifications and Experience:-

Essential:-

Chartered engineer, or in final stages of achieving chartered status (MICE or MStructE).
5 to 8 years post graduate experience.
Experience in analysis and design of structures, particularly in steel.
Experience in the use of FEA computer programs. (preferably STAAD Pro and Lusas)
Experience in the use of computer drafting programs (AutoCad).
Good general IT skills (Microsoft Word, Excel, E-mail systems).
Good presentation and communications skills.
Relevant site experience.
Good knowledge of design to Eurocodes, especially EC3.

Preferable:-

Experience in design of temporary works, particularly related to heavy lifting and moving projects.
Experience in the design of hydraulic equipment.