

Staff Recruitment

JOB DESCRIPTION

Job Title: Design Engineer (Engineer grade)
Department: Higham Ferrers Office – Design Department (Northants, NN10 8DN)
Reporting to: Higham Ferrers Design Office Manager

Key Objective:

DLT Engineering can trace its links to historical companies formed in the 19th century. As such, the Company has a long and distinguished history in the construction of landmark structures around the world, particularly iconic bridges and buildings. DLT Engineering continues that tradition with international involvement in exciting and high profile projects in a range of industries. The Company's principal focus now is the design, manufacture and operation of specialist equipment and temporary works for the construction of bridges, buildings, offshore structures, refineries, power stations and industrial plants. We have particular expertise in the erection of long span suspension and cable stayed bridges and in the engineering for specialist modular construction including heavy lifting and skidding operations. Details can be found at www.dormanlongtechnology.com.

DLT Engineering are a dynamic, technology-driven company who encourage their employees to interact, innovate and develop within a supportive, close knit environment. For graduate engineers who have not attained Chartered status we operate graduate training schemes which are approved by the ICE and by the IMechE

To strengthen our Northamptonshire design team we require a graduate engineer preferable with some experience in structural and/or mechanical design. The successful candidate will be involved in the conceptual and detailed design of construction engineering schemes, temporary works and specialist equipment.

Main Responsibilities and Duties:

- Working within an established team of Engineers and CAD Technicians in accordance with the requirements of the Company Management System (ISO 9001, OHSAS 18001 and ISO 14001).
- Conceptual and detailed design of construction methods and temporary structures, predominately in steel to EuroCode standards.
- Outline and detailed design of specialist equipment, particularly related to heavy lifting and moving projects.
- Erection engineering.
- Analyses of structures using structural analysis (FEA) computer programs (STAAD Pro and LUSAS).
- Preparation of detailed calculations using Microsoft Excel.
- Preparation of sketches and drawings using Autodesk AutoCAD and/or Inventor.
- Development of standard spreadsheet solutions suitable for use with Microsoft Excel.
- Provide engineering support to construction sites.

Qualifications and Experience:

Essential:

- Graduate engineer with a degree in a relevant subject; preferably with some post-graduation experience.
- Experience in the use of computer drafting programs (Autodesk AutoCad and/or Inventor).
- Knowledge of EuroCode Standards, particularly EC3.
- Good general IT skills (Microsoft Word, Excel, E-mail systems, etc).
- Good presentation and communications skills.

Preferable:

- Some post-graduation experience in the analysis and design of structures, particularly in steel.
- Knowledge and/or experience in design of temporary works.
- Knowledge and/or experience in the design of hydraulic equipment.
- Some site and/or industrial experience.